

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0121823\
 Data File : P0100535.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2023 09:39
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 00:45:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0121523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 16 05:19:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.473	3.696	75746221	67465714	47.884	44.429
2) SA Decachlor...	10.348	8.783	52320677	55993449	46.597	44.962
Target Compounds						
3) L1 AR-1016-1	5.660	4.799	22400465	14808590	483.636	448.809
4) L1 AR-1016-2	5.683	4.818	32965143	20440856	485.337	451.116
5) L1 AR-1016-3	5.746	4.998	20237536	11038813	481.409	461.674
6) L1 AR-1016-4	5.845	5.039	16192791	9160117	488.539	448.253
7) L1 AR-1016-5	6.144	5.256	17307641	11904316	490.332	463.166
8) L2 AR-1221-1	4.682	3.912	2435167	2394523	138.577	133.908
9) L2 AR-1221-2	4.774	4.000	3500021	3428346	265.074	262.140
10) L2 AR-1221-3	4.850	4.078	13010722	11299546	313.848	303.224
11) L3 AR-1232-1	4.850	4.078	13010722	11299546	402.436	381.491
12) L3 AR-1232-2	5.388	4.818	18360687	20440856	1082.334	978.611
13) L3 AR-1232-3	5.683	4.998	32965143	11038813	1111.362	1021.343
14) L3 AR-1232-4	5.845	5.082	16192791	11173928	1186.985	1083.457
15) L3 AR-1232-5	5.938	5.256	15184853	11904316	1265.586	1075.891
16) L4 AR-1242-1	5.660	4.799	22400465	14808590	605.278	542.801
17) L4 AR-1242-2	5.683	4.818	32965143	20440856	610.426	543.499
18) L4 AR-1242-3	5.746	4.998	20237536	11038813	607.810	553.308
19) L4 AR-1242-4	5.845	5.082	16192791	11173928	622.964	532.493
20) L4 AR-1242-5	6.593	5.612	3962912	11175185	160.952	481.311 #
21) L5 AR-1248-1	5.660	4.799	22400465	14808590	832.764	711.102
22) L5 AR-1248-2	5.938	5.039	15184853	9160117	336.289	312.890
23) L5 AR-1248-3	6.144	5.082	17307641	11173928	357.884	370.624
24) L5 AR-1248-4	6.553	5.256	4753283	11904316	109.001	345.108 #
25) L5 AR-1248-5	6.593	5.653	3962912	2545032	95.133	86.422
26) L6 AR-1254-1	6.527	5.612	14644605	11175185	267.092	222.188
27) L6 AR-1254-2	6.747	5.760	12522133	8317316	155.092	180.816
28) L6 AR-1254-3	7.119	6.152	5393043	4123842	70.545	54.557
29) L6 AR-1254-4	7.408	6.400	3209851	1224274	74.017	28.997 #
30) L6 AR-1254-5	7.830	6.822	37396159	34623196	674.676	472.223 #
31) L7 AR-1260-1	7.285	6.301	30835277	25888168	479.847	429.074
32) L7 AR-1260-2	7.545	6.490	33835206	31502154	478.950	440.802
33) L7 AR-1260-3	7.909	6.646	25837782	30362858	462.696	432.619
34) L7 AR-1260-4	8.138	7.121	28822918	27010826	469.951	447.137
35) L7 AR-1260-5	8.467	7.365	53336406	61058864	469.758	466.290
36) L8 AR-1262-1	7.830	6.822	37396159	34623196	800.222	898.188
37) L8 AR-1262-2	8.467	7.121	53336406	27010826	449.443	346.993
38) L8 AR-1262-3	8.802	7.650	33261240	13147721	399.538	229.181 #
39) L8 AR-1262-4	8.864	7.715	11830673	44483828	180.405	406.436 #
40) L8 AR-1262-5	9.564	8.216	13887267	15160248	355.853	325.920
41) L9 AR-1268-1	8.802	7.650	33261240	13147721	217.964	74.457 #

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Integration File signal 1: autoint1.e
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 Quant Time: Dec 19 00:45:35 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 16 05:19:37 2023
 Response via : Initial Calibration
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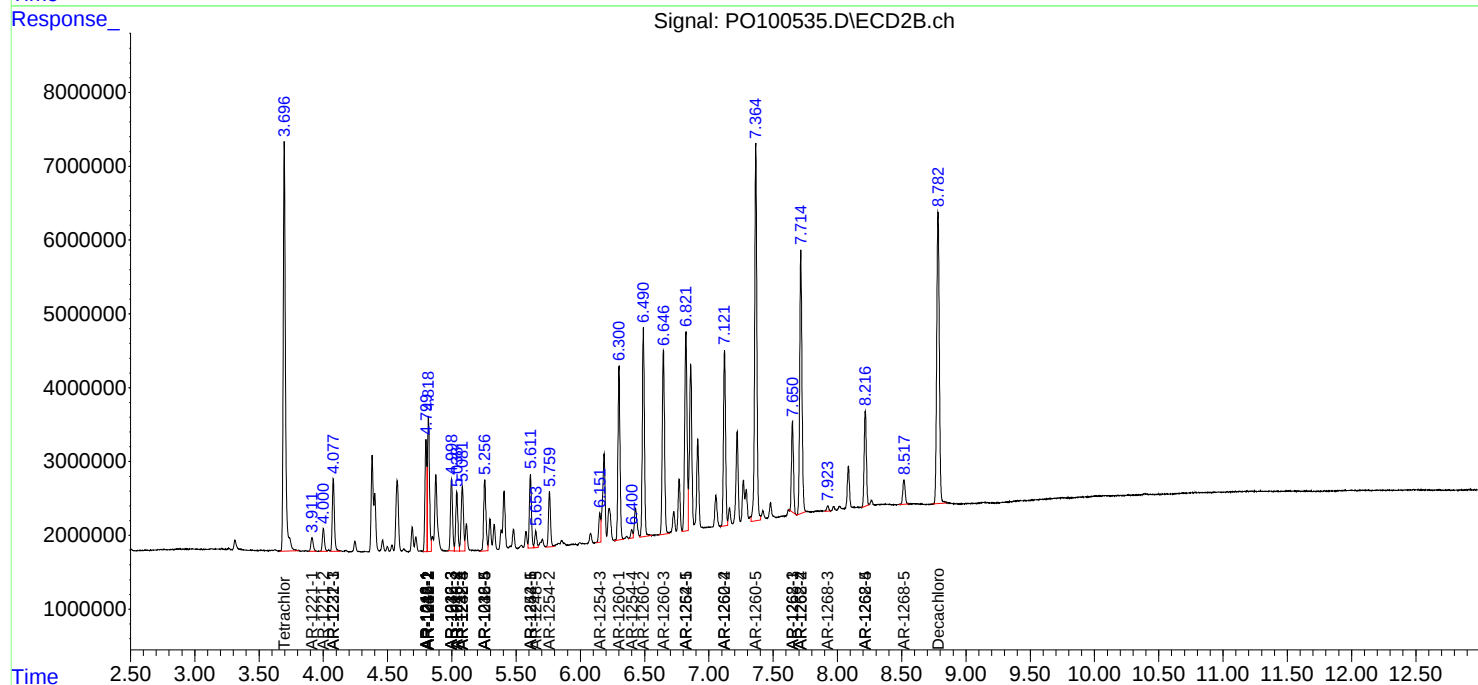
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

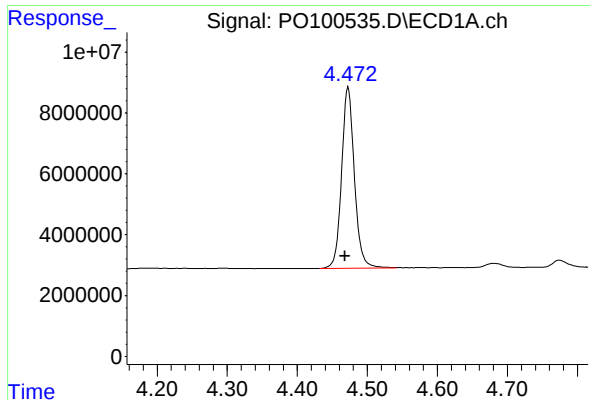
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.864	7.715	11830673	44483828	88.569	276.123 #
43) L9	AR-1268-3	9.120	7.925	615271	781233	4.914	5.182
44) L9	AR-1268-4	9.564	8.216	13887267	15160248	325.875	287.214
45) L9	AR-1268-5	9.996	8.518	3599837	4177087	10.013	9.965

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_O
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

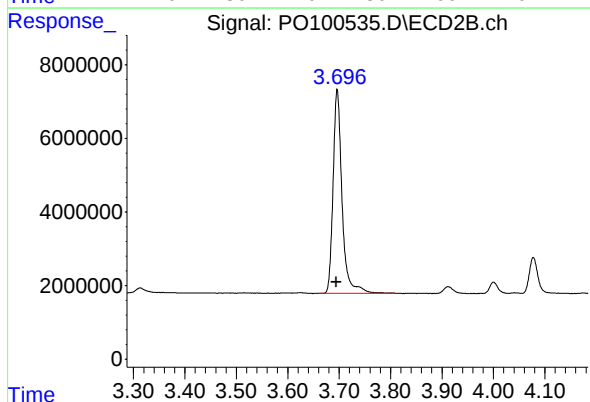




#1 Tetrachloro-m-xylene

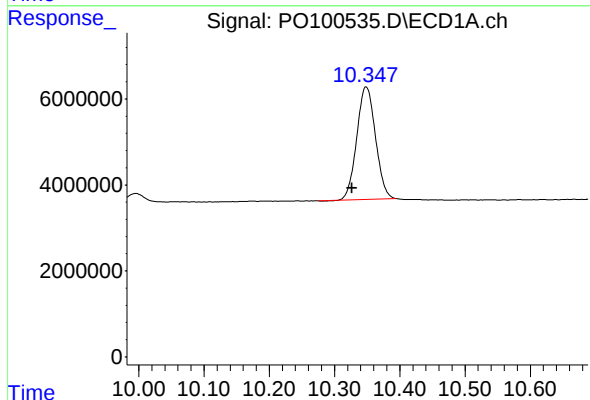
R.T.: 4.473 min
Delta R.T.: 0.005 min
Response: 75746221
Conc: 47.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



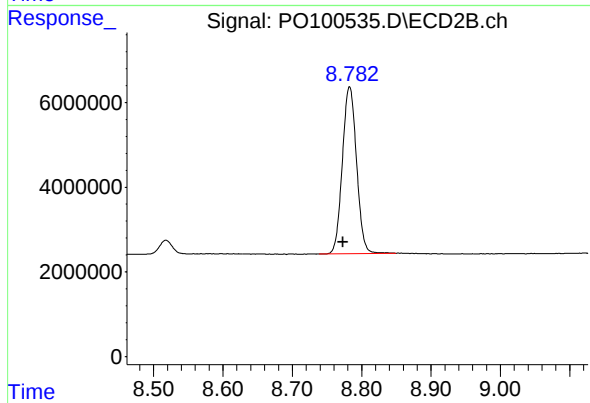
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: 0.002 min
Response: 67465714
Conc: 44.43 ng/ml



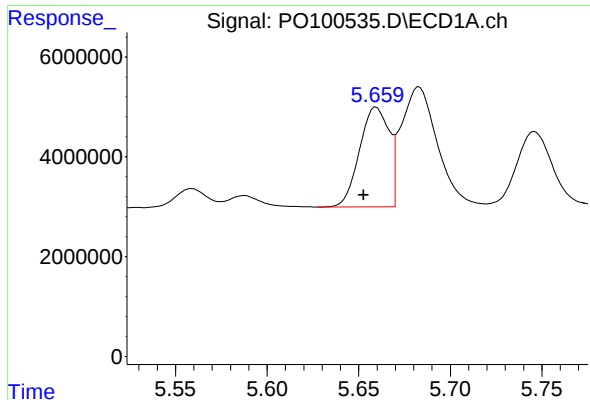
#2 Decachlorobiphenyl

R.T.: 10.348 min
Delta R.T.: 0.022 min
Response: 52320677
Conc: 46.60 ng/ml



#2 Decachlorobiphenyl

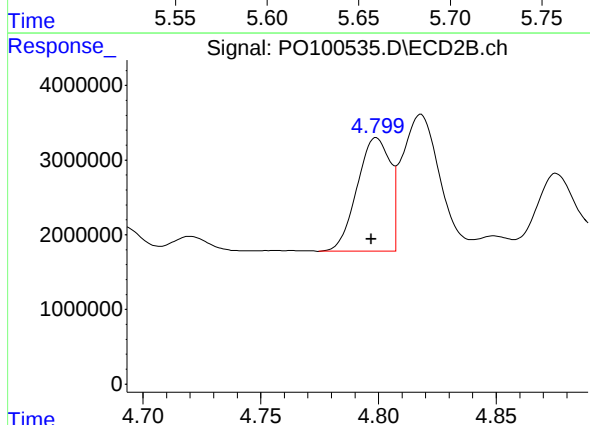
R.T.: 8.783 min
Delta R.T.: 0.009 min
Response: 55993449
Conc: 44.96 ng/ml



#3 AR-1016-1

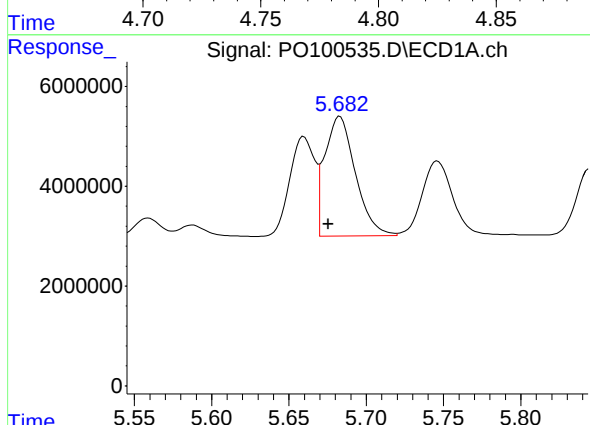
R.T.: 5.660 min
Delta R.T.: 0.007 min
Response: 22400465
Conc: 483.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



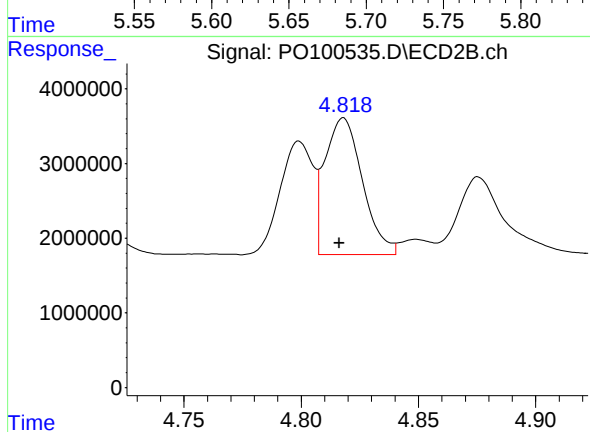
#3 AR-1016-1

R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 14808590
Conc: 448.81 ng/ml



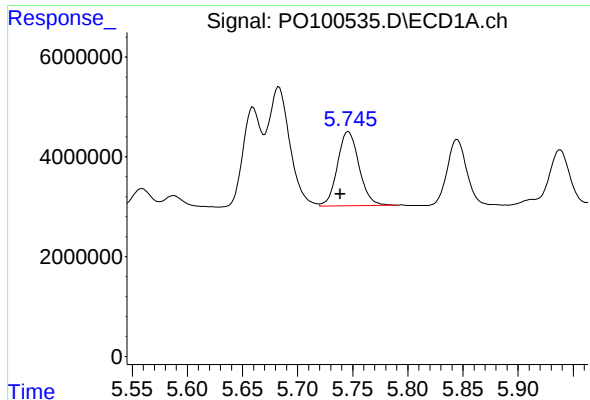
#4 AR-1016-2

R.T.: 5.683 min
Delta R.T.: 0.007 min
Response: 32965143
Conc: 485.34 ng/ml



#4 AR-1016-2

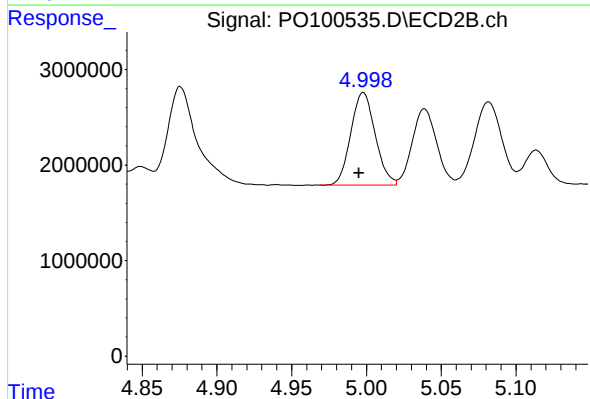
R.T.: 4.818 min
Delta R.T.: 0.002 min
Response: 20440856
Conc: 451.12 ng/ml



#5 AR-1016-3

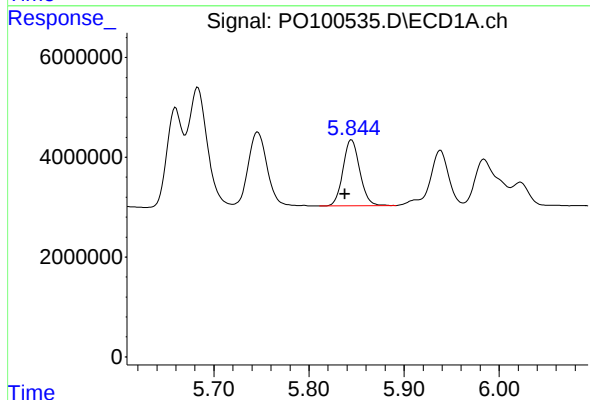
R.T.: 5.746 min
Delta R.T.: 0.007 min
Response: 20237536
Conc: 481.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



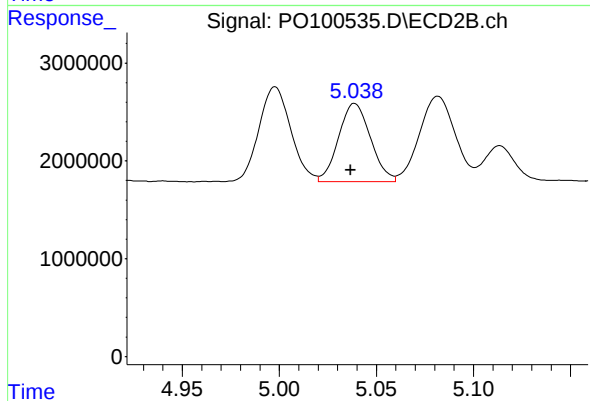
#5 AR-1016-3

R.T.: 4.998 min
Delta R.T.: 0.003 min
Response: 11038813
Conc: 461.67 ng/ml



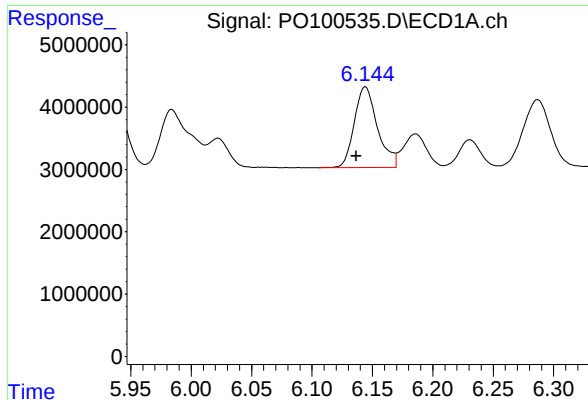
#6 AR-1016-4

R.T.: 5.845 min
Delta R.T.: 0.007 min
Response: 16192791
Conc: 488.54 ng/ml



#6 AR-1016-4

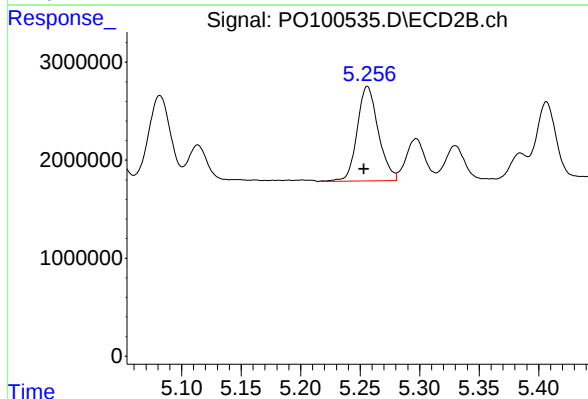
R.T.: 5.039 min
Delta R.T.: 0.002 min
Response: 9160117
Conc: 448.25 ng/ml



#7 AR-1016-5

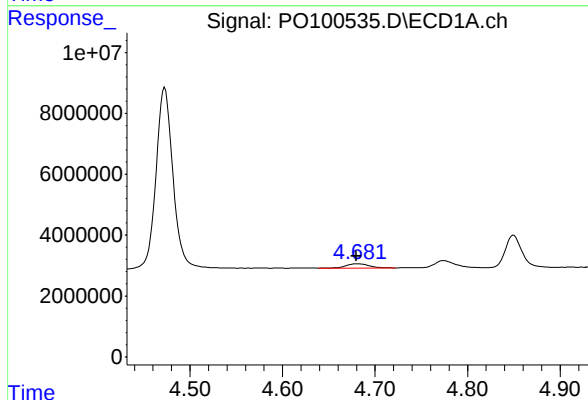
R.T.: 6.144 min
Delta R.T.: 0.008 min
Response: 17307641
Conc: 490.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



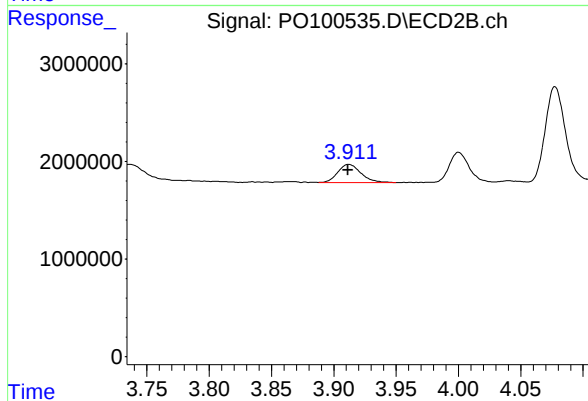
#7 AR-1016-5

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 11904316
Conc: 463.17 ng/ml



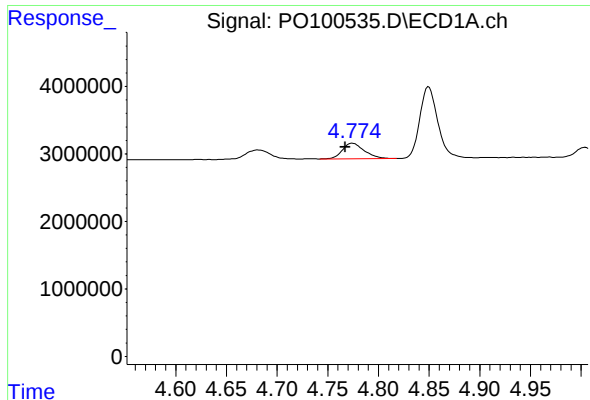
#8 AR-1221-1

R.T.: 4.682 min
Delta R.T.: 0.002 min
Response: 2435167
Conc: 138.58 ng/ml



#8 AR-1221-1

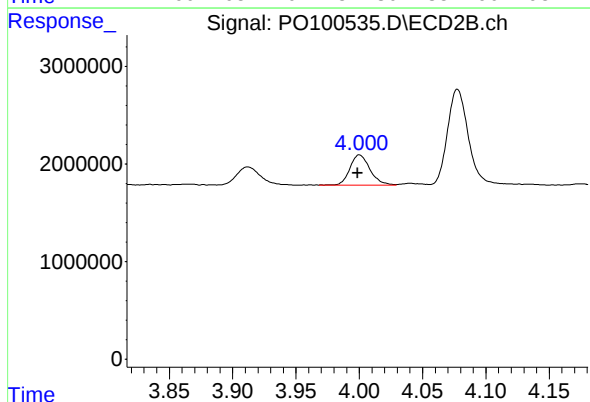
R.T.: 3.912 min
Delta R.T.: 0.000 min
Response: 2394523
Conc: 133.91 ng/ml



#9 AR-1221-2

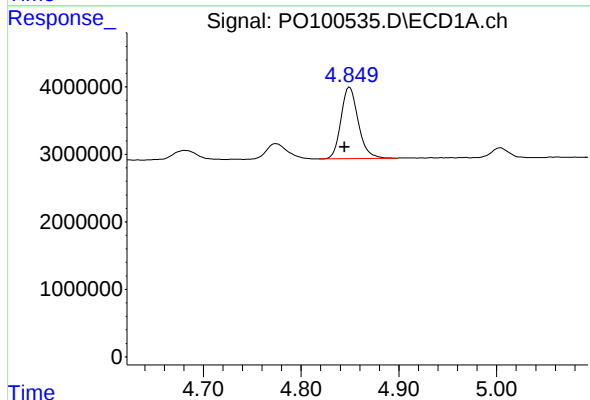
R.T.: 4.774 min
Delta R.T.: 0.007 min
Response: 3500021
Conc: 265.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



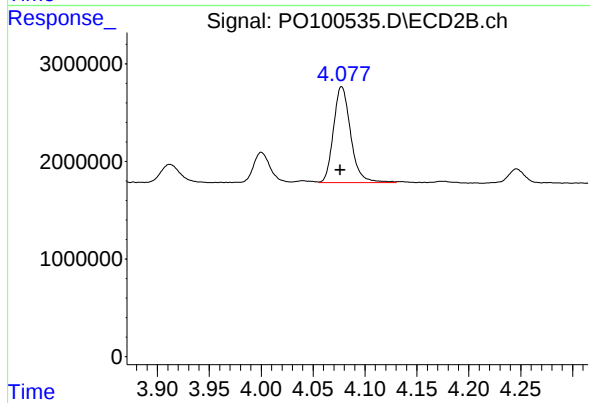
#9 AR-1221-2

R.T.: 4.000 min
Delta R.T.: 0.002 min
Response: 3428346
Conc: 262.14 ng/ml



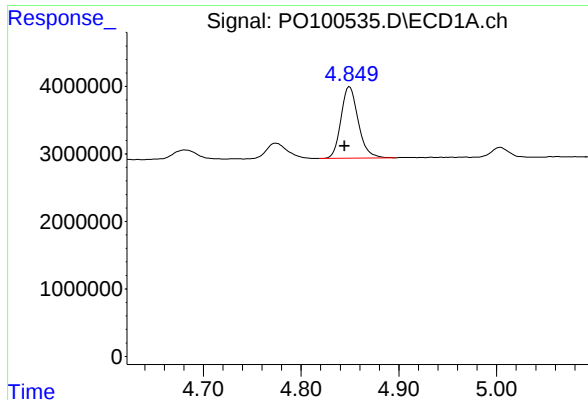
#10 AR-1221-3

R.T.: 4.850 min
Delta R.T.: 0.005 min
Response: 13010722
Conc: 313.85 ng/ml



#10 AR-1221-3

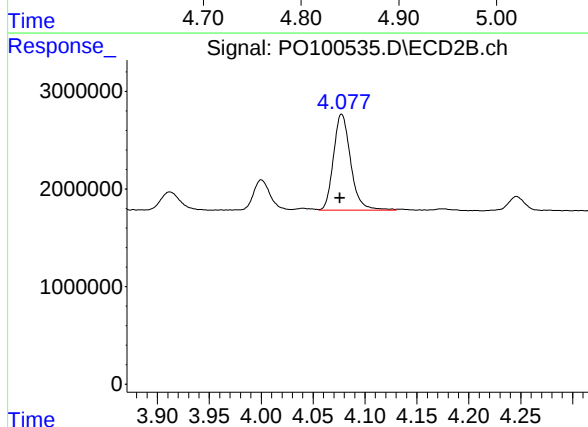
R.T.: 4.078 min
Delta R.T.: 0.002 min
Response: 11299546
Conc: 303.22 ng/ml



#11 AR-1232-1

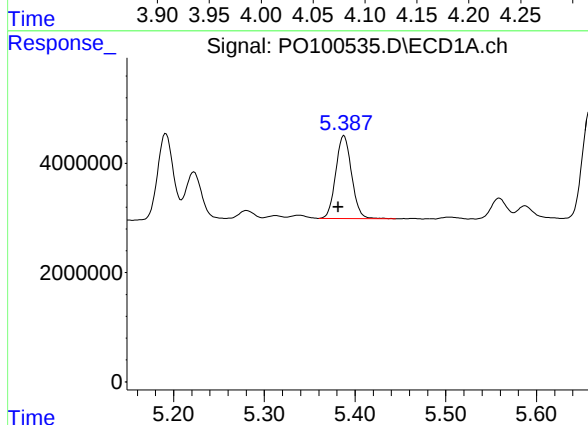
R.T.: 4.850 min
Delta R.T.: 0.005 min
Response: 13010722
Conc: 402.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



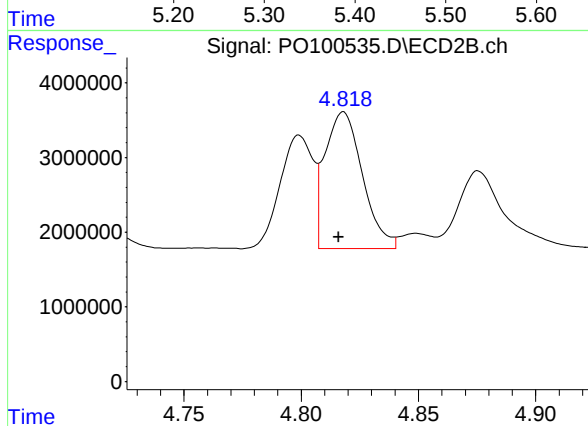
#11 AR-1232-1

R.T.: 4.078 min
Delta R.T.: 0.002 min
Response: 11299546
Conc: 381.49 ng/ml



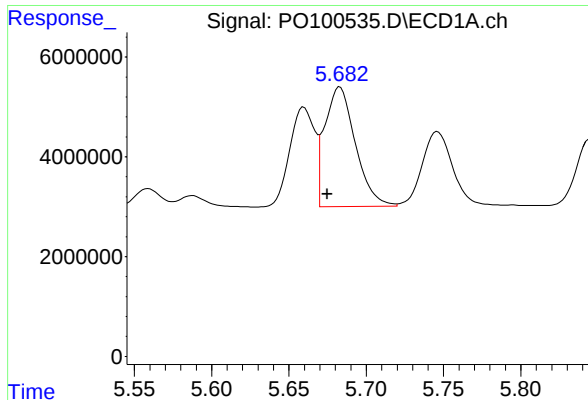
#12 AR-1232-2

R.T.: 5.388 min
Delta R.T.: 0.006 min
Response: 18360687
Conc: 1082.33 ng/ml



#12 AR-1232-2

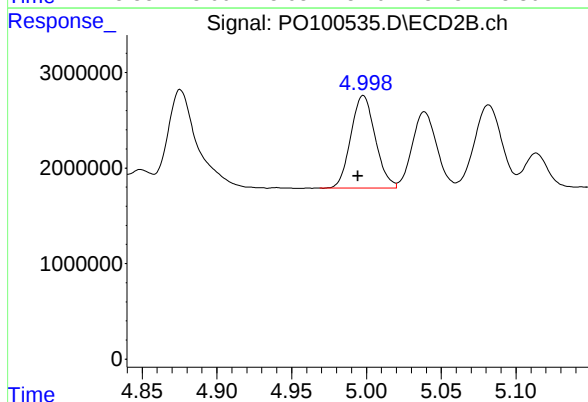
R.T.: 4.818 min
Delta R.T.: 0.002 min
Response: 20440856
Conc: 978.61 ng/ml



#13 AR-1232-3

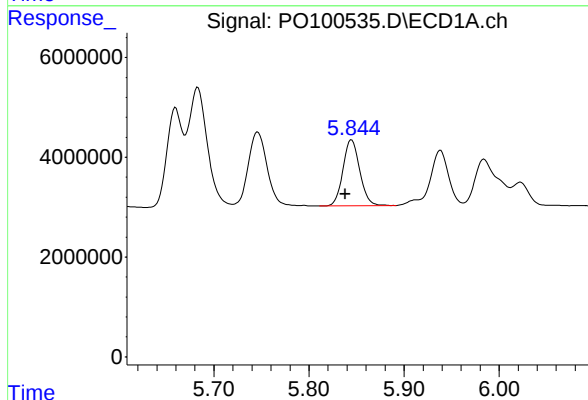
R.T.: 5.683 min
Delta R.T.: 0.008 min
Response: 32965143
Conc: 1111.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



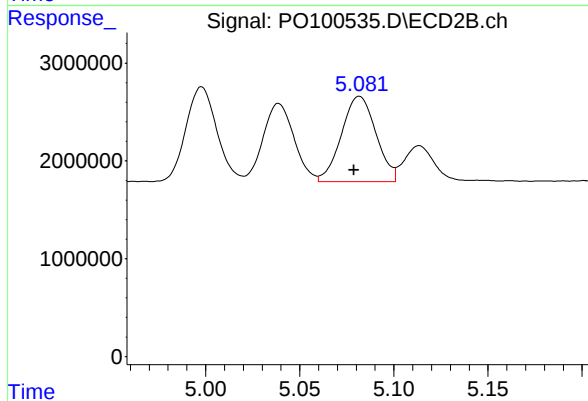
#13 AR-1232-3

R.T.: 4.998 min
Delta R.T.: 0.003 min
Response: 11038813
Conc: 1021.34 ng/ml



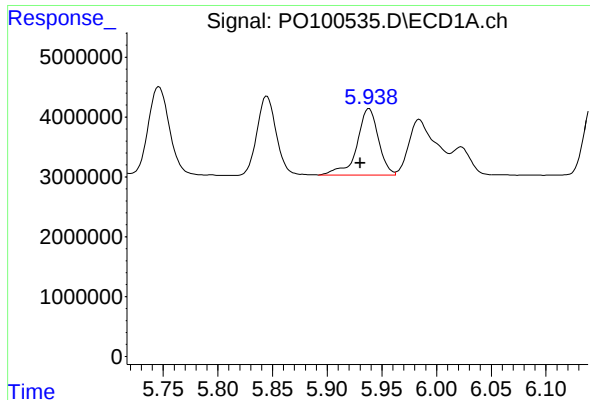
#14 AR-1232-4

R.T.: 5.845 min
Delta R.T.: 0.007 min
Response: 16192791
Conc: 1186.98 ng/ml



#14 AR-1232-4

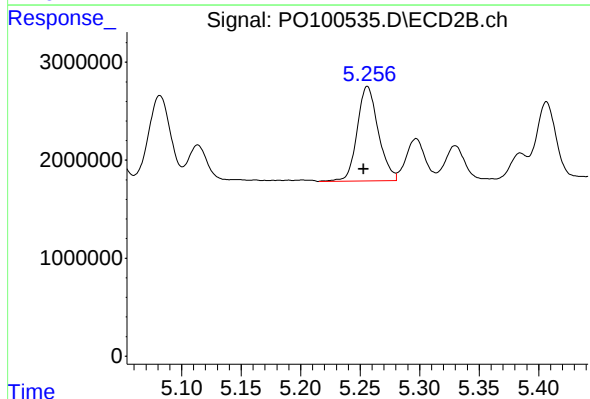
R.T.: 5.082 min
Delta R.T.: 0.003 min
Response: 11173928
Conc: 1083.46 ng/ml



#15 AR-1232-5

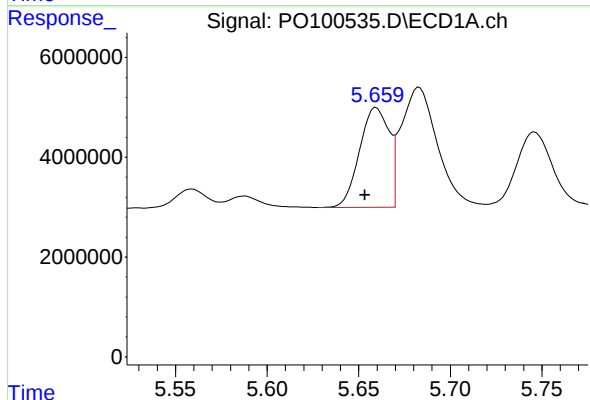
R.T.: 5.938 min
Delta R.T.: 0.008 min
Response: 15184853
Conc: 1265.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



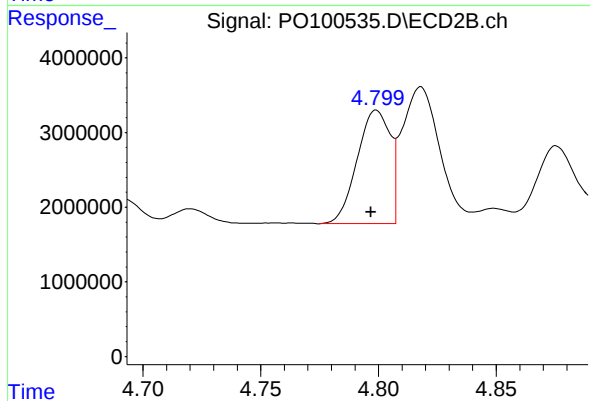
#15 AR-1232-5

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 11904316
Conc: 1075.89 ng/ml



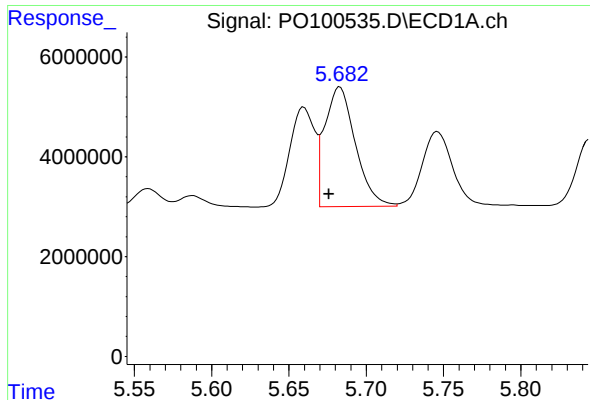
#16 AR-1242-1

R.T.: 5.660 min
Delta R.T.: 0.006 min
Response: 22400465
Conc: 605.28 ng/ml



#16 AR-1242-1

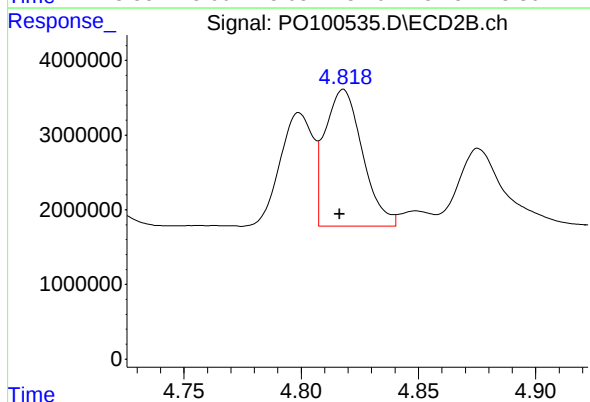
R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 14808590
Conc: 542.80 ng/ml



#17 AR-1242-2

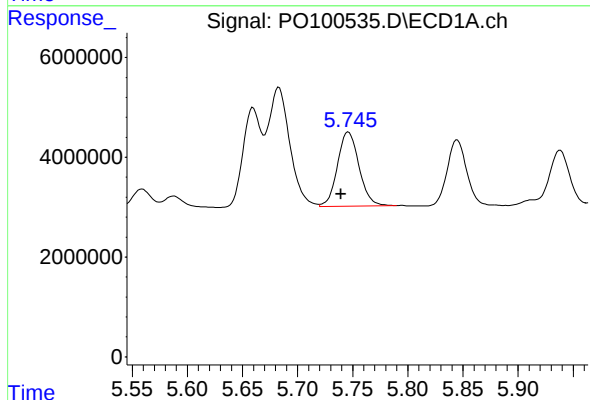
R.T.: 5.683 min
Delta R.T.: 0.007 min
Response: 32965143
Conc: 610.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



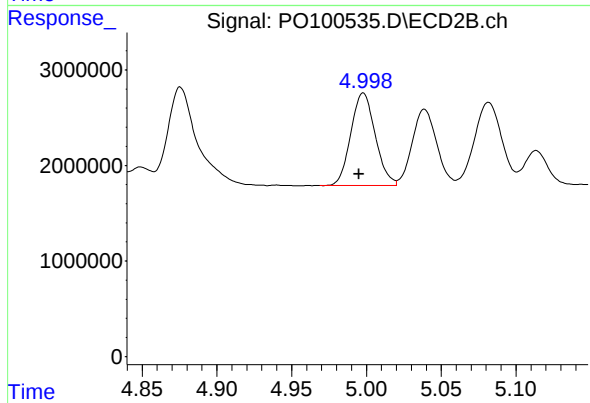
#17 AR-1242-2

R.T.: 4.818 min
Delta R.T.: 0.002 min
Response: 20440856
Conc: 543.50 ng/ml



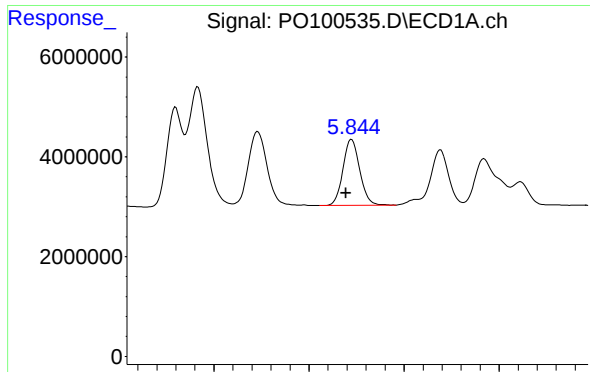
#18 AR-1242-3

R.T.: 5.746 min
Delta R.T.: 0.007 min
Response: 20237536
Conc: 607.81 ng/ml



#18 AR-1242-3

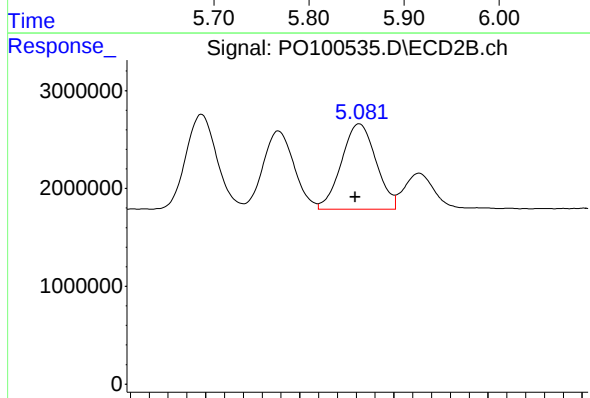
R.T.: 4.998 min
Delta R.T.: 0.003 min
Response: 11038813
Conc: 553.31 ng/ml



#19 AR-1242-4

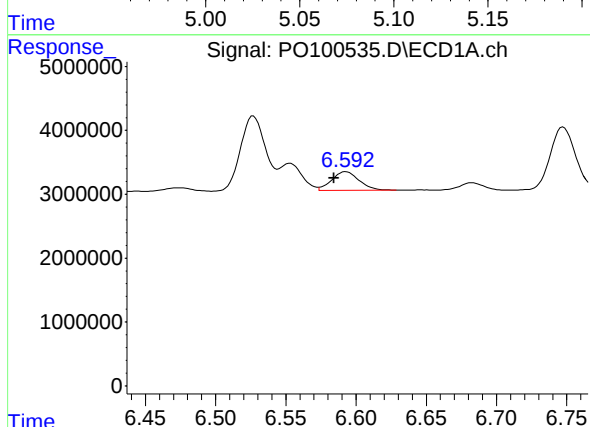
R.T.: 5.845 min
Delta R.T.: 0.006 min
Response: 16192791
Conc: 622.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



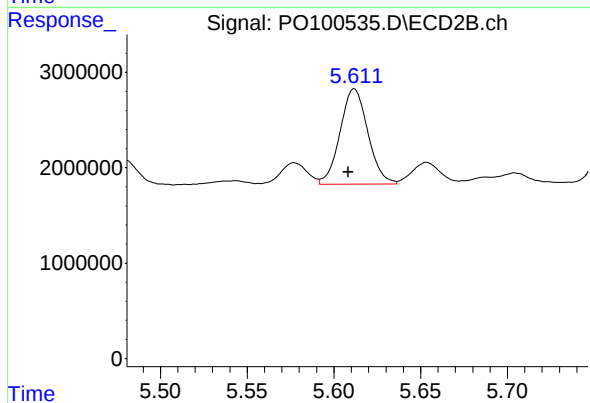
#19 AR-1242-4

R.T.: 5.082 min
Delta R.T.: 0.002 min
Response: 11173928
Conc: 532.49 ng/ml



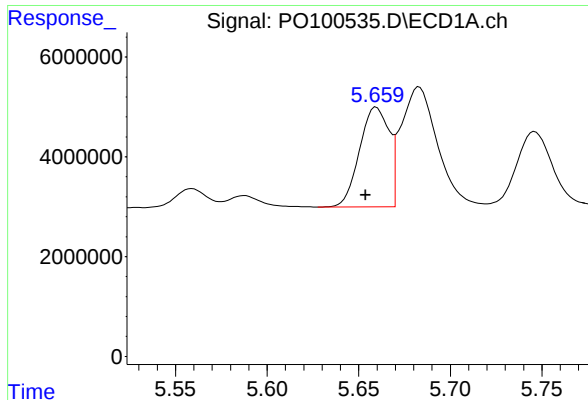
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: 0.008 min
Response: 3962912
Conc: 160.95 ng/ml



#20 AR-1242-5

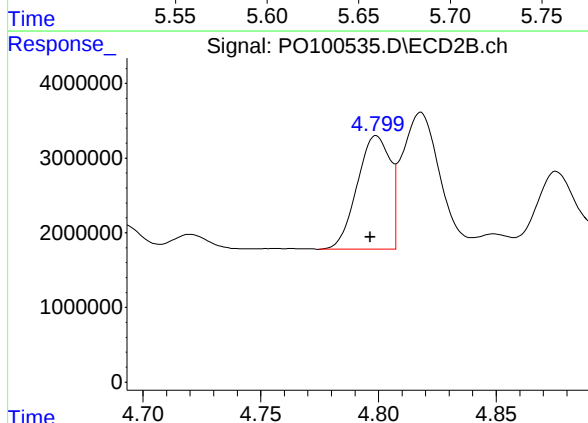
R.T.: 5.612 min
Delta R.T.: 0.003 min
Response: 11175185
Conc: 481.31 ng/ml



#21 AR-1248-1

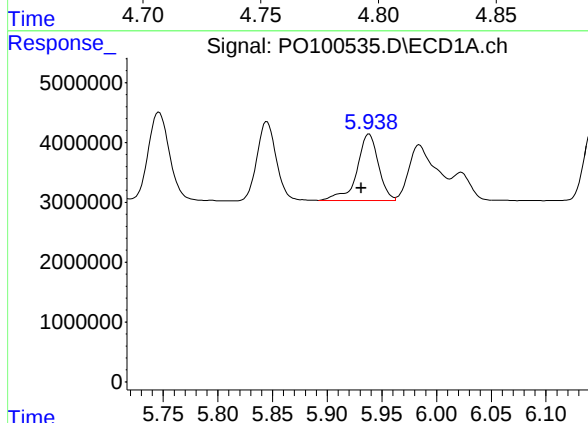
R.T.: 5.660 min
Delta R.T.: 0.006 min
Response: 22400465
Conc: 832.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



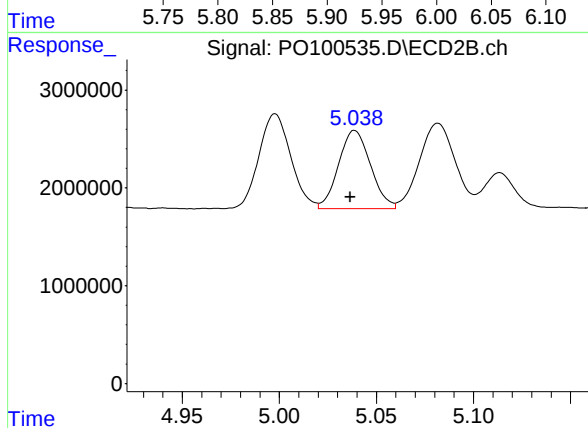
#21 AR-1248-1

R.T.: 4.799 min
Delta R.T.: 0.003 min
Response: 14808590
Conc: 711.10 ng/ml



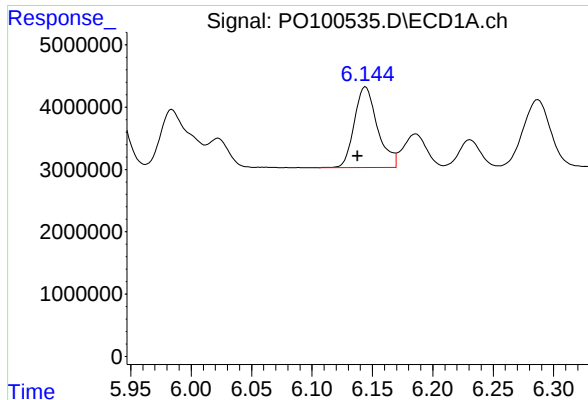
#22 AR-1248-2

R.T.: 5.938 min
Delta R.T.: 0.007 min
Response: 15184853
Conc: 336.29 ng/ml



#22 AR-1248-2

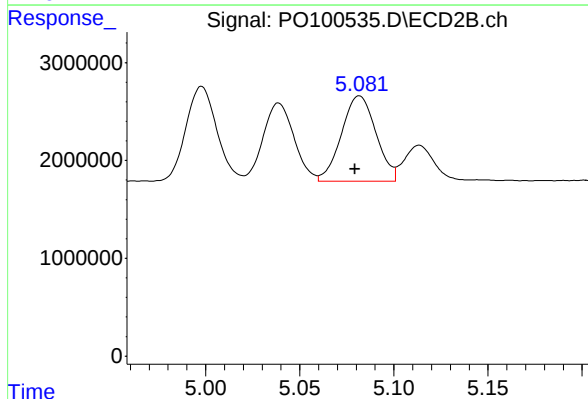
R.T.: 5.039 min
Delta R.T.: 0.002 min
Response: 9160117
Conc: 312.89 ng/ml



#23 AR-1248-3

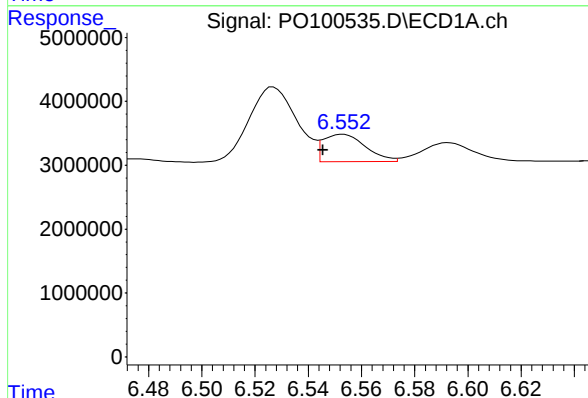
R.T.: 6.144 min
Delta R.T.: 0.007 min
Response: 17307641
Conc: 357.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



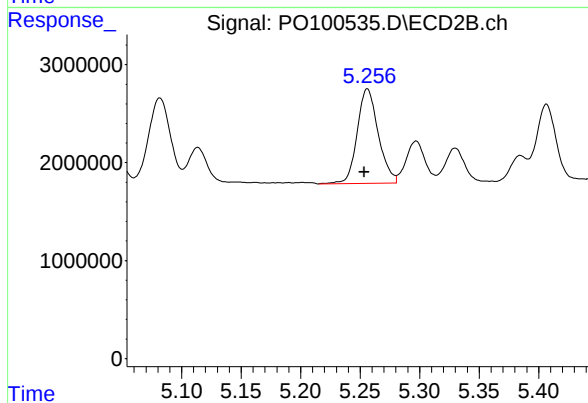
#23 AR-1248-3

R.T.: 5.082 min
Delta R.T.: 0.002 min
Response: 11173928
Conc: 370.62 ng/ml



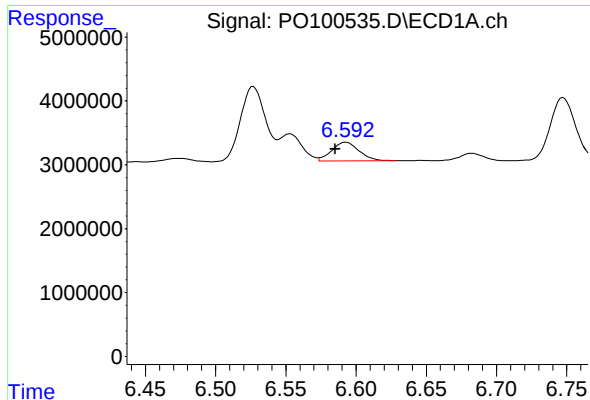
#24 AR-1248-4

R.T.: 6.553 min
Delta R.T.: 0.008 min
Response: 4753283
Conc: 109.00 ng/ml



#24 AR-1248-4

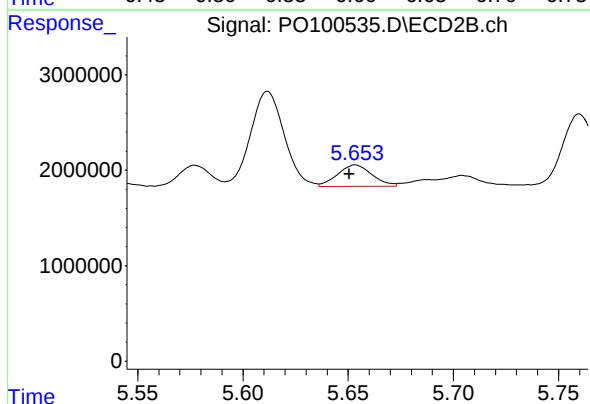
R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 11904316
Conc: 345.11 ng/ml



#25 AR-1248-5

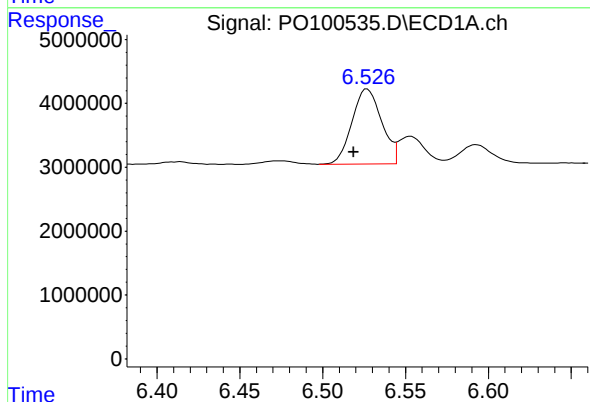
R.T.: 6.593 min
Delta R.T.: 0.007 min
Response: 3962912
Conc: 95.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



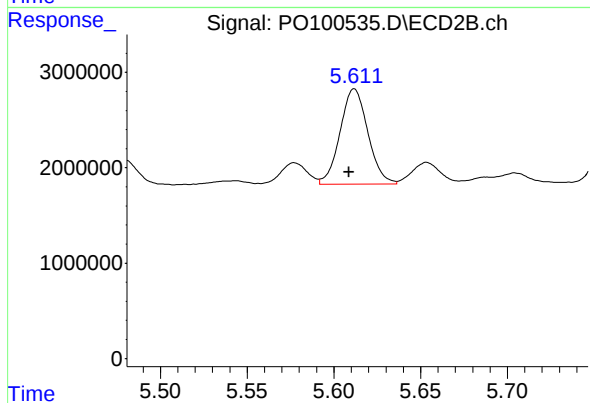
#25 AR-1248-5

R.T.: 5.653 min
Delta R.T.: 0.003 min
Response: 2545032
Conc: 86.42 ng/ml



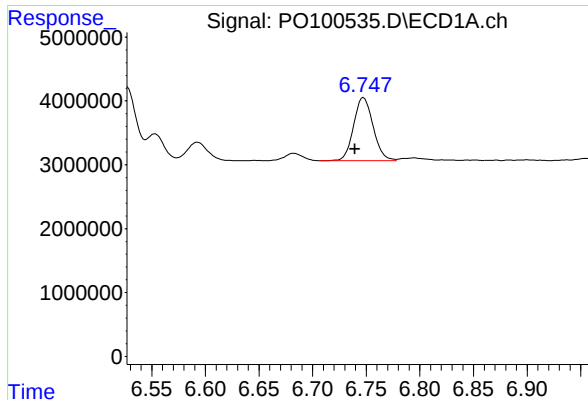
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: 0.008 min
Response: 14644605
Conc: 267.09 ng/ml



#26 AR-1254-1

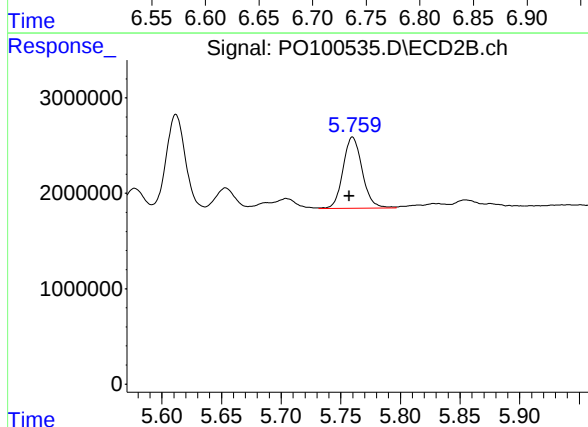
R.T.: 5.612 min
Delta R.T.: 0.003 min
Response: 11175185
Conc: 222.19 ng/ml



#27 AR-1254-2

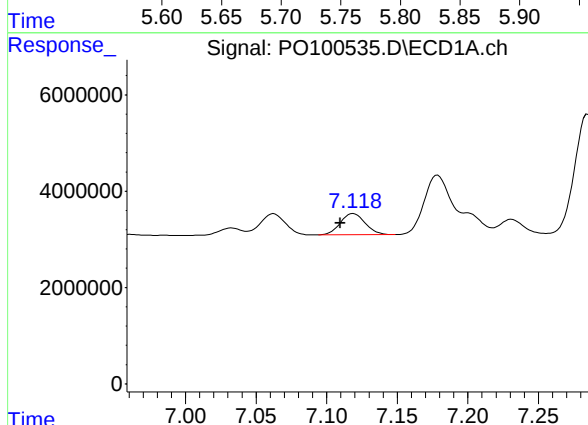
R.T.: 6.747 min
Delta R.T.: 0.008 min
Response: 12522133
Conc: 155.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



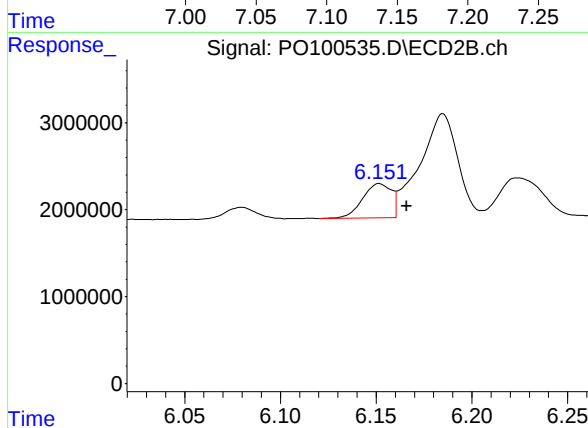
#27 AR-1254-2

R.T.: 5.760 min
Delta R.T.: 0.003 min
Response: 8317316
Conc: 180.82 ng/ml



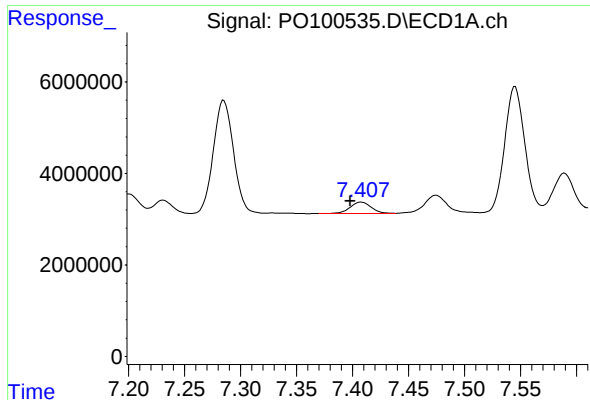
#28 AR-1254-3

R.T.: 7.119 min
Delta R.T.: 0.009 min
Response: 5393043
Conc: 70.54 ng/ml



#28 AR-1254-3

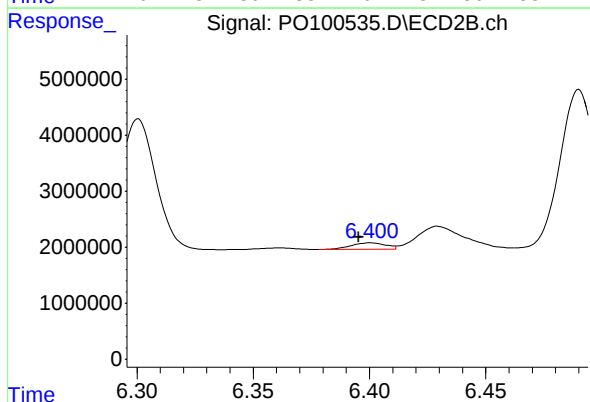
R.T.: 6.152 min
Delta R.T.: -0.014 min
Response: 4123842
Conc: 54.56 ng/ml



#29 AR-1254-4

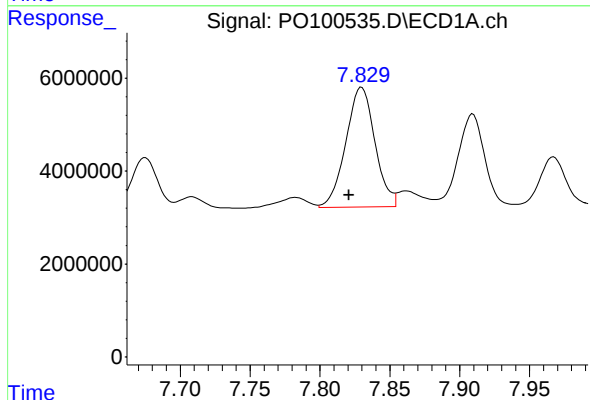
R.T.: 7.408 min
Delta R.T.: 0.010 min
Response: 3209851
Conc: 74.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



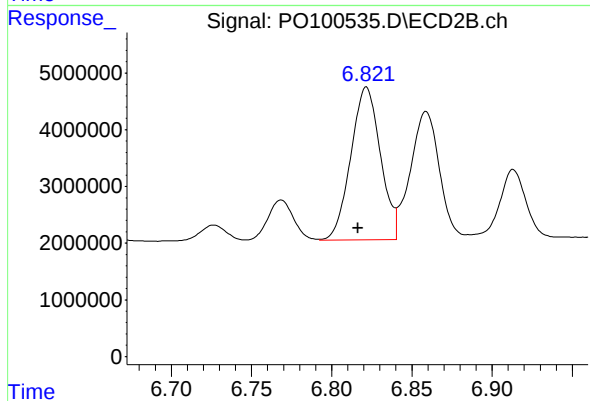
#29 AR-1254-4

R.T.: 6.400 min
Delta R.T.: 0.005 min
Response: 1224274
Conc: 29.00 ng/ml



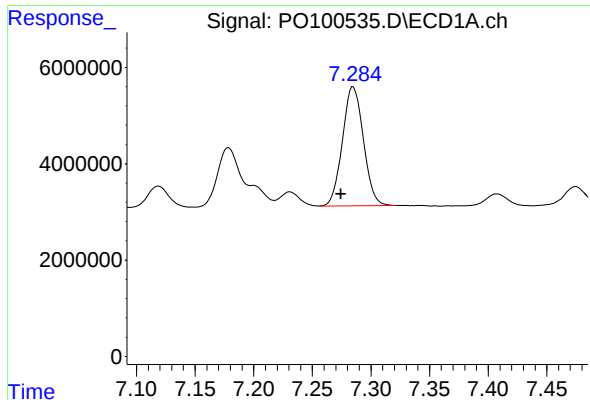
#30 AR-1254-5

R.T.: 7.830 min
Delta R.T.: 0.009 min
Response: 37396159
Conc: 674.68 ng/ml



#30 AR-1254-5

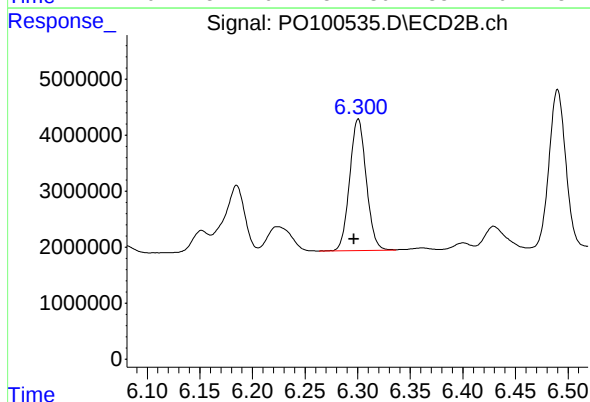
R.T.: 6.822 min
Delta R.T.: 0.005 min
Response: 34623196
Conc: 472.22 ng/ml



#31 AR-1260-1

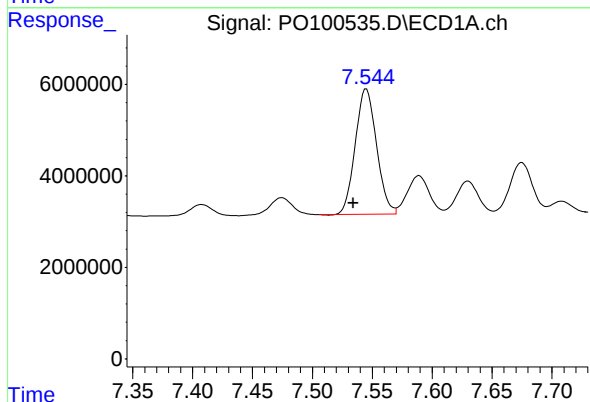
R.T.: 7.285 min
Delta R.T.: 0.010 min
Response: 30835277
Conc: 479.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



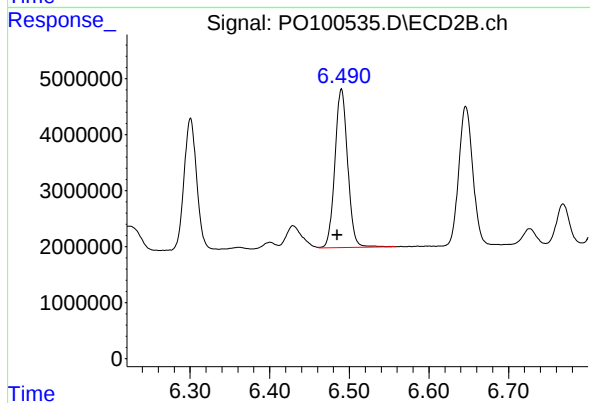
#31 AR-1260-1

R.T.: 6.301 min
Delta R.T.: 0.004 min
Response: 25888168
Conc: 429.07 ng/ml



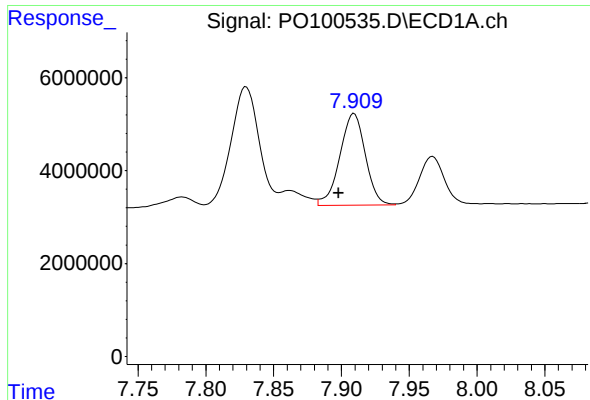
#32 AR-1260-2

R.T.: 7.545 min
Delta R.T.: 0.011 min
Response: 33835206
Conc: 478.95 ng/ml



#32 AR-1260-2

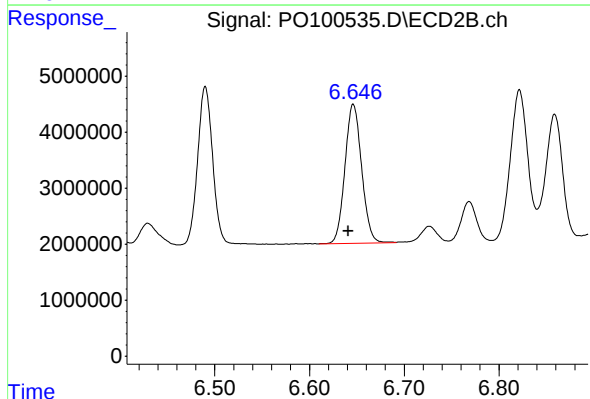
R.T.: 6.490 min
Delta R.T.: 0.005 min
Response: 31502154
Conc: 440.80 ng/ml



#33 AR-1260-3

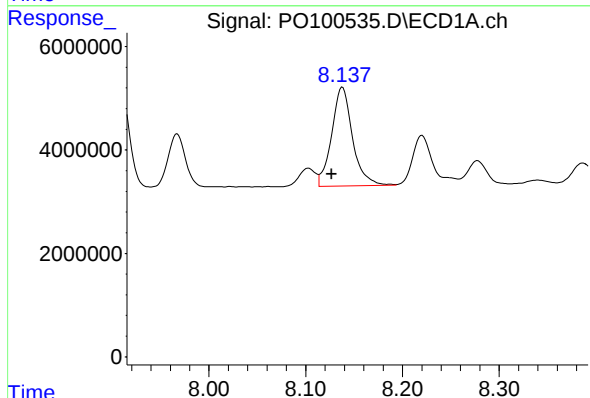
R.T.: 7.909 min
Delta R.T.: 0.011 min
Response: 25837782
Conc: 462.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



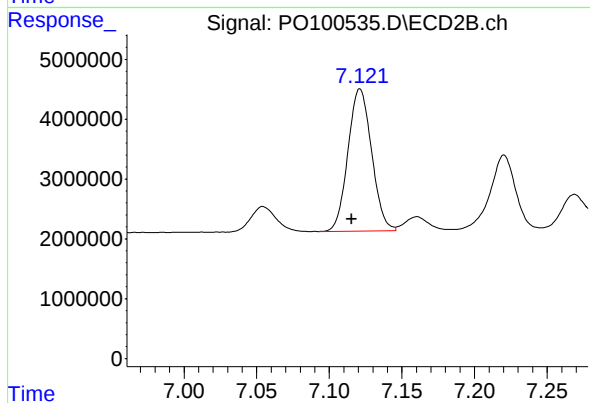
#33 AR-1260-3

R.T.: 6.646 min
Delta R.T.: 0.005 min
Response: 30362858
Conc: 432.62 ng/ml



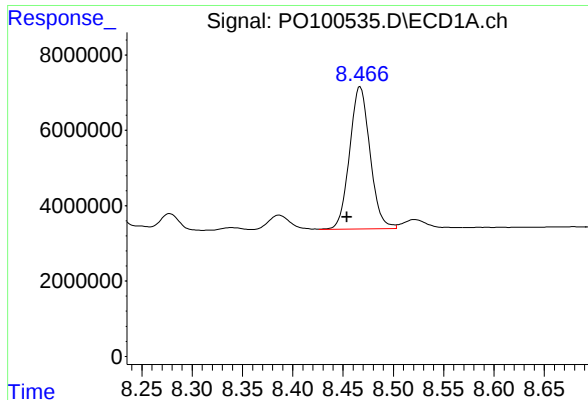
#34 AR-1260-4

R.T.: 8.138 min
Delta R.T.: 0.011 min
Response: 28822918
Conc: 469.95 ng/ml



#34 AR-1260-4

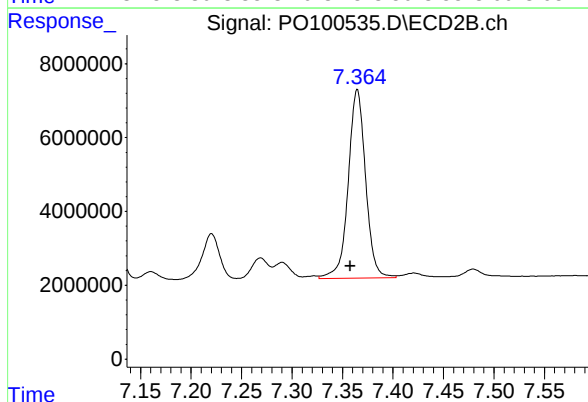
R.T.: 7.121 min
Delta R.T.: 0.006 min
Response: 27010826
Conc: 447.14 ng/ml



#35 AR-1260-5

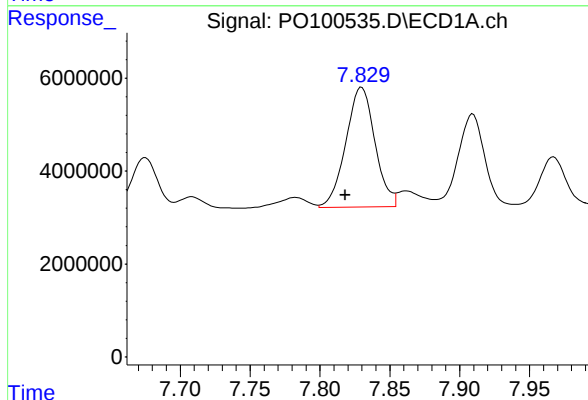
R.T.: 8.467 min
Delta R.T.: 0.013 min
Response: 53336406
Conc: 469.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



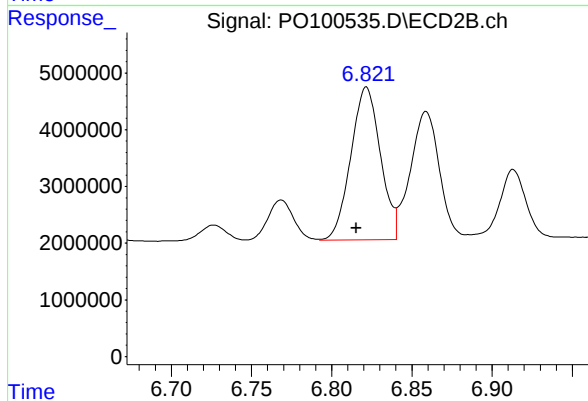
#35 AR-1260-5

R.T.: 7.365 min
Delta R.T.: 0.007 min
Response: 61058864
Conc: 466.29 ng/ml



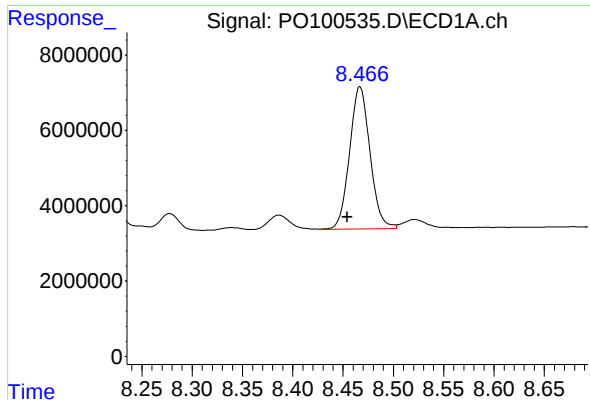
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: 0.012 min
Response: 37396159
Conc: 800.22 ng/ml



#36 AR-1262-1

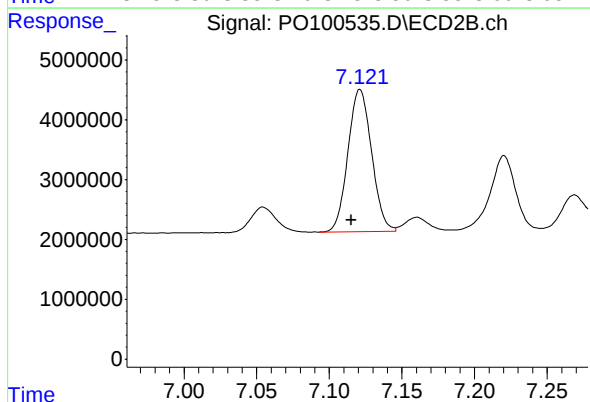
R.T.: 6.822 min
Delta R.T.: 0.006 min
Response: 34623196
Conc: 898.19 ng/ml



#37 AR-1262-2

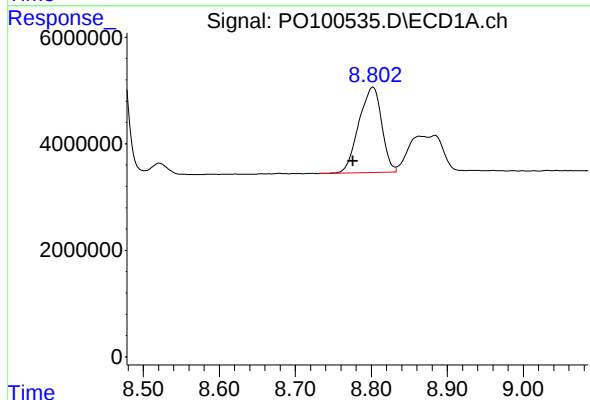
R.T.: 8.467 min
Delta R.T.: 0.013 min
Response: 53336406
Conc: 449.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



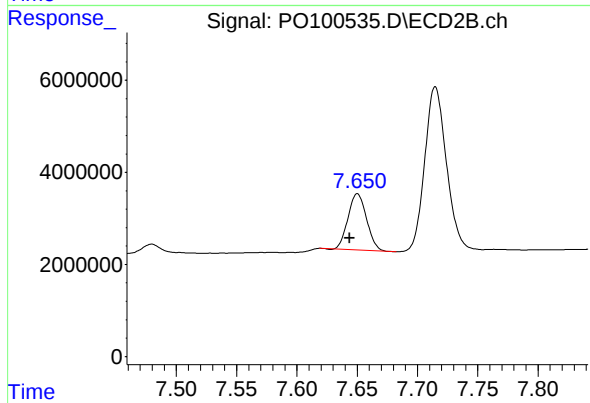
#37 AR-1262-2

R.T.: 7.121 min
Delta R.T.: 0.006 min
Response: 27010826
Conc: 346.99 ng/ml



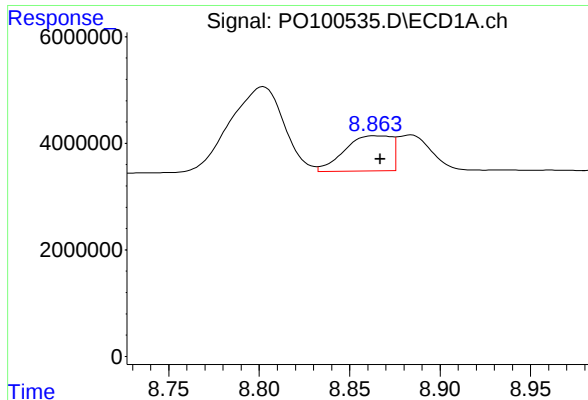
#38 AR-1262-3

R.T.: 8.802 min
Delta R.T.: 0.026 min
Response: 33261240
Conc: 399.54 ng/ml



#38 AR-1262-3

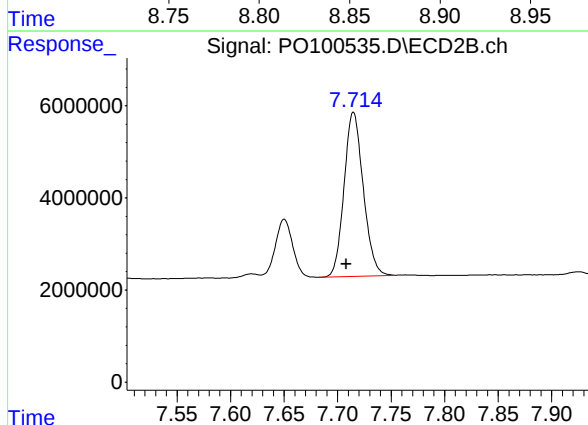
R.T.: 7.650 min
Delta R.T.: 0.007 min
Response: 13147721
Conc: 229.18 ng/ml



#39 AR-1262-4

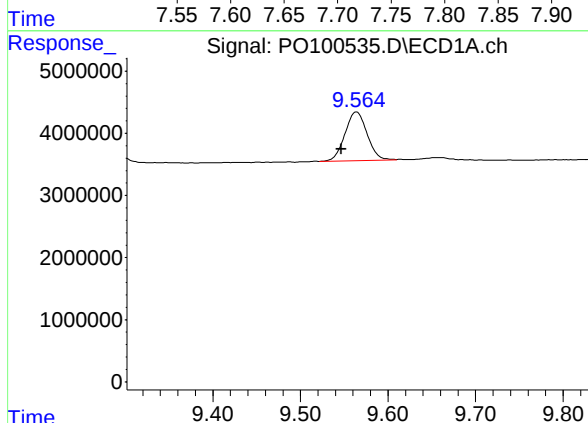
R.T.: 8.864 min
Delta R.T.: -0.003 min
Response: 11830673
Conc: 180.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



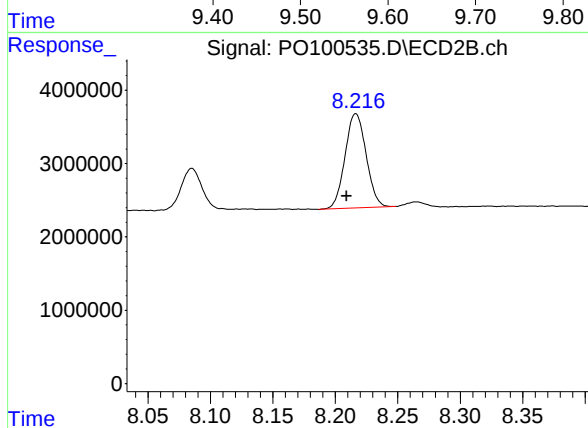
#39 AR-1262-4

R.T.: 7.715 min
Delta R.T.: 0.007 min
Response: 44483828
Conc: 406.44 ng/ml



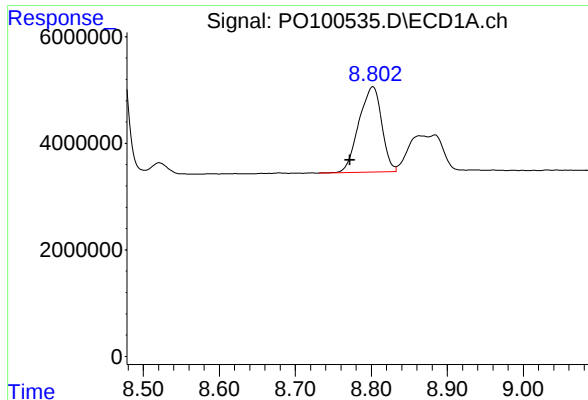
#40 AR-1262-5

R.T.: 9.564 min
Delta R.T.: 0.018 min
Response: 13887267
Conc: 355.85 ng/ml



#40 AR-1262-5

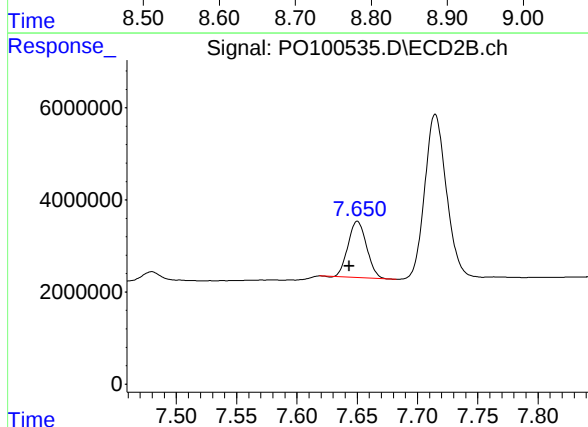
R.T.: 8.216 min
Delta R.T.: 0.007 min
Response: 15160248
Conc: 325.92 ng/ml



#41 AR-1268-1

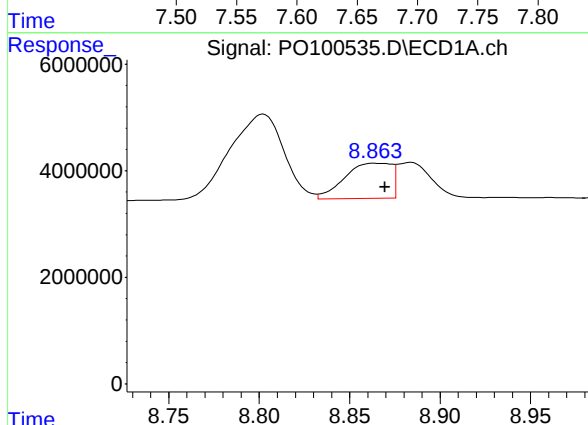
R.T.: 8.802 min
Delta R.T.: 0.030 min
Response: 33261240
Conc: 217.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



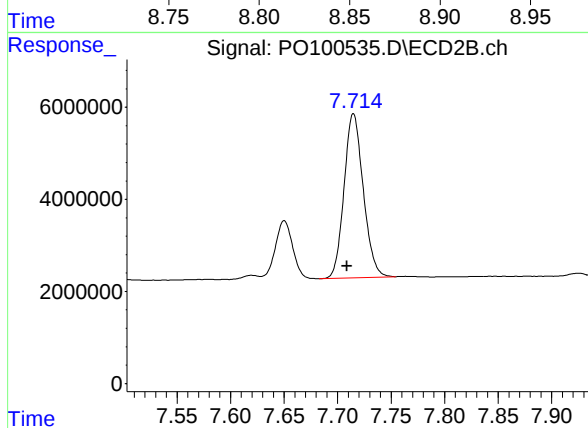
#41 AR-1268-1

R.T.: 7.650 min
Delta R.T.: 0.007 min
Response: 13147721
Conc: 74.46 ng/ml



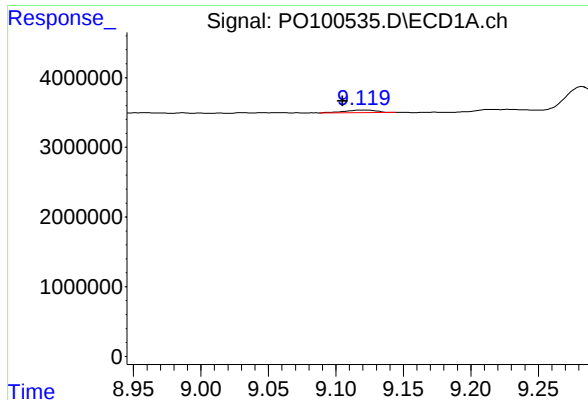
#42 AR-1268-2

R.T.: 8.864 min
Delta R.T.: -0.006 min
Response: 11830673
Conc: 88.57 ng/ml



#42 AR-1268-2

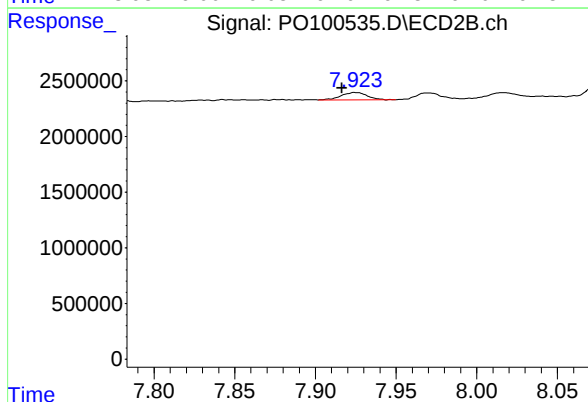
R.T.: 7.715 min
Delta R.T.: 0.006 min
Response: 44483828
Conc: 276.12 ng/ml



#43 AR-1268-3

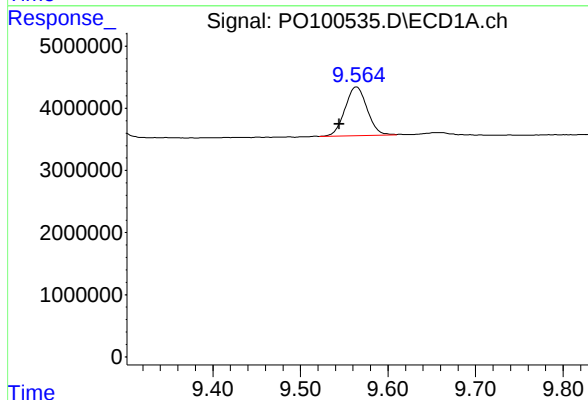
R.T.: 9.120 min
Delta R.T.: 0.014 min
Response: 615271
Conc: 4.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



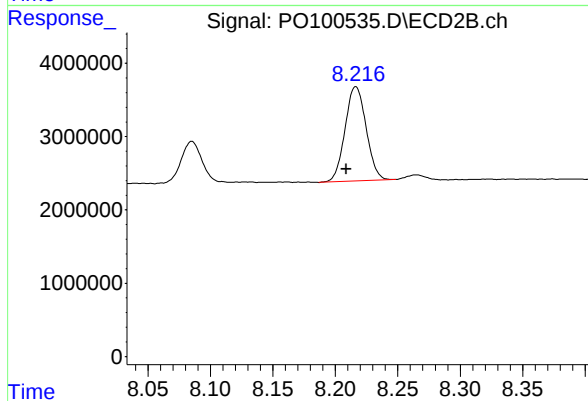
#43 AR-1268-3

R.T.: 7.925 min
Delta R.T.: 0.008 min
Response: 781233
Conc: 5.18 ng/ml



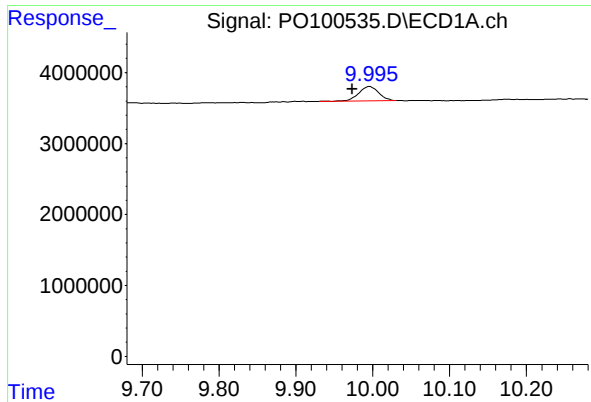
#44 AR-1268-4

R.T.: 9.564 min
Delta R.T.: 0.020 min
Response: 13887267
Conc: 325.87 ng/ml



#44 AR-1268-4

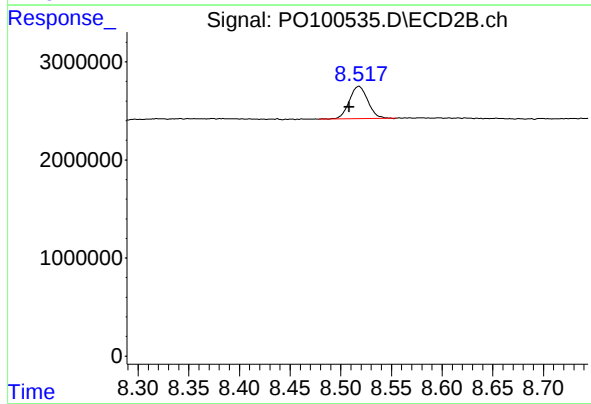
R.T.: 8.216 min
Delta R.T.: 0.008 min
Response: 15160248
Conc: 287.21 ng/ml



#45 AR-1268-5

R.T.: 9.996 min
Delta R.T.: 0.022 min
Response: 3599837
Conc: 10.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.518 min
Delta R.T.: 0.009 min
Response: 4177087
Conc: 9.97 ng/ml