

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012023\
 Data File : P0092211.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 21:55
 Operator : YP/AJ
 Sample : 01237-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:05:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 11 04:41:00 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...	4.447	3.645	60315228	30482973	21.625	21.956
2)	SA Decachlor...	10.367	8.691	47910060	24269124	24.473	27.370
Target Compounds							
3)	L1 AR-1016-1	5.634	4.734	46250581	23708876	544.164	543.048
4)	L1 AR-1016-2	5.656	4.753	67513213	34045267	536.761	540.778
5)	L1 AR-1016-3	5.719	4.930	42396157	18515674	533.001	552.238
6)	L1 AR-1016-4	5.819	4.972	33673817	17016057	548.026	572.829
7)	L1 AR-1016-5	6.121	5.186	36570144	20906392	562.169	567.273
8)	L2 AR-1221-1	4.654	3.859	11031561	2622328	312.174	148.166 #
9)	L2 AR-1221-2	4.745	3.945	6454760	3972424	254.131	304.136
10)	L2 AR-1221-3	4.823	4.022	27060667	13996343	348.699	360.942
11)	L3 AR-1232-1	4.823	4.022	27060667	13996343	403.823	410.039
12)	L3 AR-1232-2	5.361	4.753	37421580	34045267	1153.069	1176.373
13)	L3 AR-1232-3	5.656	4.930	67513213	18515674	1177.877	1226.729
14)	L3 AR-1232-4	5.819	5.014	33673817	20027041	1245.969	1329.239
15)	L3 AR-1232-5	5.913	5.186	33804339	20906392	1409.044	1278.427
16)	L4 AR-1242-1	5.634	4.734	46250581	23708876	648.137	635.105
17)	L4 AR-1242-2	5.656	4.753	67513213	34045267	638.949	640.573
18)	L4 AR-1242-3	5.719	4.930	42396157	18515674	629.028	647.113
19)	L4 AR-1242-4	5.819	5.014	33673817	20027041	649.622	651.521
20)	L4 AR-1242-5	6.573	5.540	7874445	22000014	155.527	667.100 #
21)	L5 AR-1248-1	5.634	4.734	46250581	23708876	845.062	831.355
22)	L5 AR-1248-2	5.913	4.972	33804339	17016057	390.810	383.637
23)	L5 AR-1248-3	6.121	5.014	36570144	20027041	397.495	439.591
24)	L5 AR-1248-4	6.531	5.186	7892728	20906392	88.734	400.951 #
25)	L5 AR-1248-5	6.573	5.580	7874445	3511220	91.023	79.389
26)	L6 AR-1254-1	6.505	5.540	35326235	22000014	341.443	297.985
27)	L6 AR-1254-2	6.729	5.688	46183156	23507880	304.677	359.751
28)	L6 AR-1254-3	7.102	6.095	44015547	56091509	294.349	577.895 #
29)	L6 AR-1254-4	7.394	6.323	31814265	16059410	334.737	331.358
30)	L6 AR-1254-5	7.822	6.744	134.5E6	69464663	1083.950	902.092
31)	L7 AR-1260-1	7.271	6.225	72240906	46120173	601.682	709.258
32)	L7 AR-1260-2	7.535	6.414	84887711	51173819	660.808	698.625
33)	L7 AR-1260-3	7.902	6.568	54000621	48743783	517.864	681.529 #
34)	L7 AR-1260-4	8.131	7.043	80552612	29819204	697.687	553.445
35)	L7 AR-1260-5	8.467	7.287	106.0E6	70292127	530.855	626.441
36)	L8 AR-1262-1	7.902	6.783	54000621	32965927	418.932	430.312
37)	L8 AR-1262-2	8.467	7.287	106.0E6	70292127	546.407	607.141
38)	L8 AR-1262-3	8.802	7.573	71671778	12231060	508.129	273.529 #
39)	L8 AR-1262-4	8.869	7.636	43740223	48267065	518.977	581.269
40)	L8 AR-1262-5	9.573	8.135	26542521	14545287	369.871	399.193
41)	L9 AR-1268-1	8.802	7.573	71671778	12231060	249.773	80.248 #

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 Operator : YP/AJ
 Sample : 01237-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

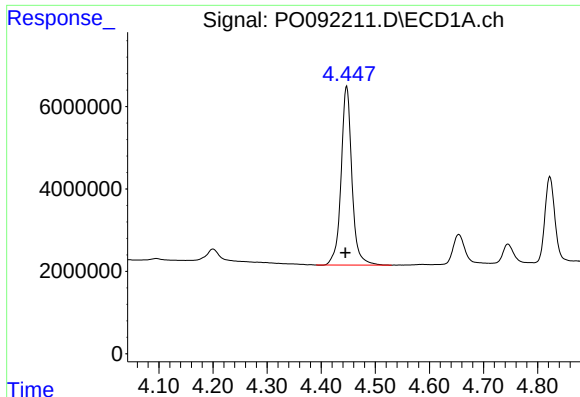
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:05:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.M
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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	8.869	7.636	43740223	48267065	150.472	352.686 #
43) L9	AR-1268-3	9.126	7.847	2907662	1933091	12.263	15.220
44) L9	AR-1268-4	9.573	8.135	26542521	14545287	294.752	307.105
45) L9	AR-1268-5	10.010	8.432	13274518	7771463	18.051	20.847

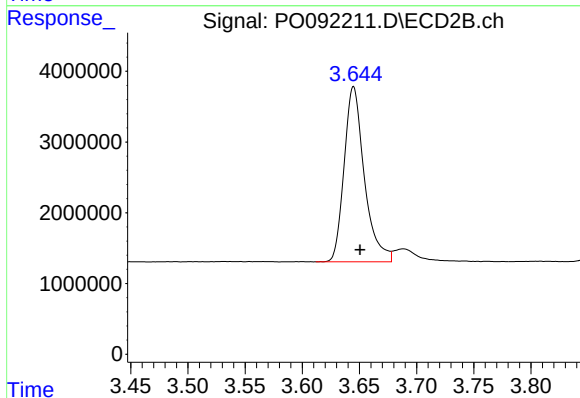
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

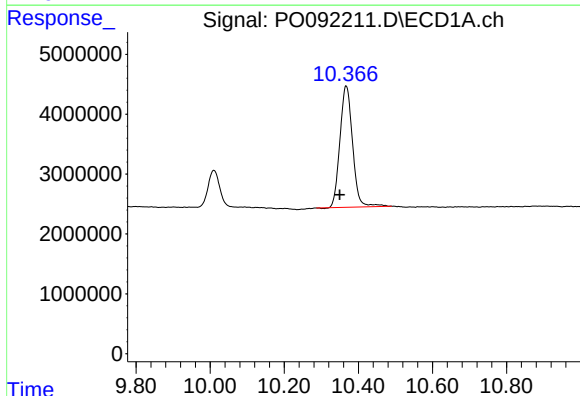
R.T.: 4.447 min
Delta R.T.: 0.002 min
Response: 60315228
Conc: 21.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



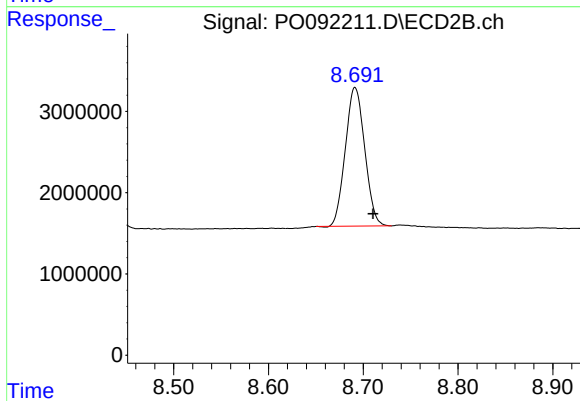
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.006 min
Response: 30482973
Conc: 21.96 ng/ml



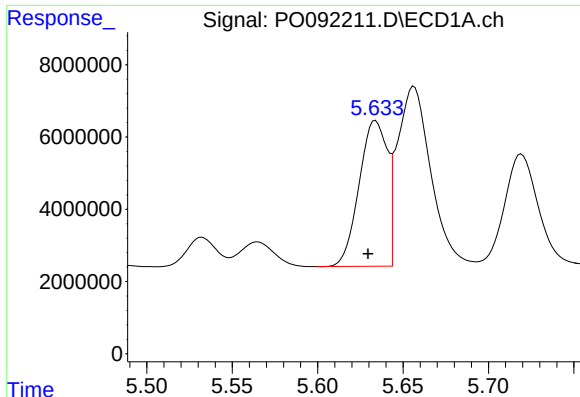
#2 Decachlorobiphenyl

R.T.: 10.367 min
Delta R.T.: 0.018 min
Response: 47910060
Conc: 24.47 ng/ml



#2 Decachlorobiphenyl

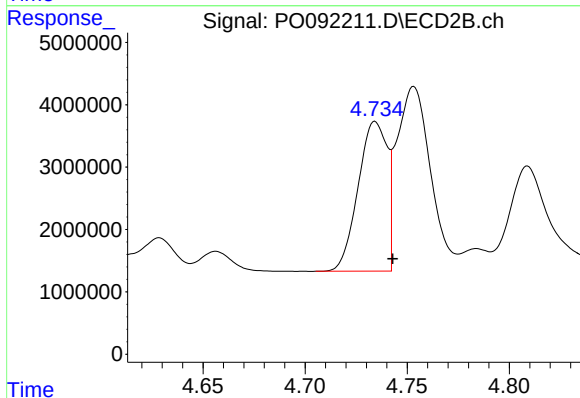
R.T.: 8.691 min
Delta R.T.: -0.019 min
Response: 24269124
Conc: 27.37 ng/ml



#3 AR-1016-1

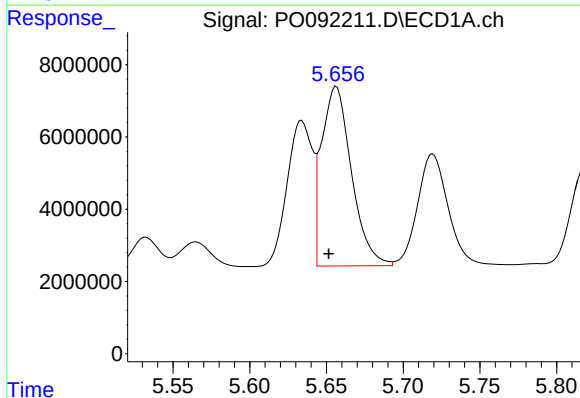
R.T.: 5.634 min
Delta R.T.: 0.004 min
Response: 46250581
Conc: 544.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



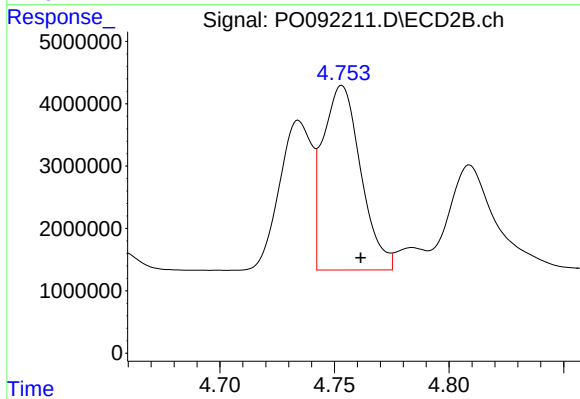
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: -0.009 min
Response: 23708876
Conc: 543.05 ng/ml



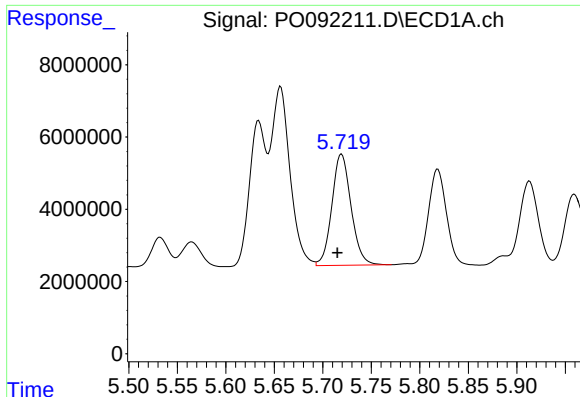
#4 AR-1016-2

R.T.: 5.656 min
Delta R.T.: 0.005 min
Response: 67513213
Conc: 536.76 ng/ml



#4 AR-1016-2

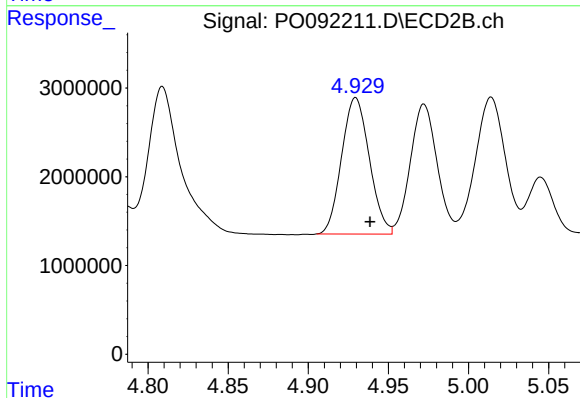
R.T.: 4.753 min
Delta R.T.: -0.008 min
Response: 34045267
Conc: 540.78 ng/ml



#5 AR-1016-3

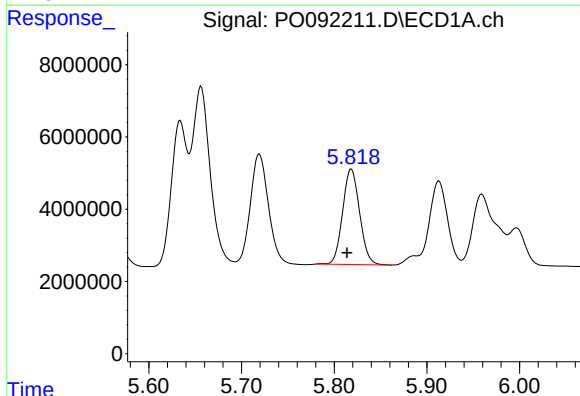
R.T.: 5.719 min
Delta R.T.: 0.004 min
Response: 42396157
Conc: 533.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



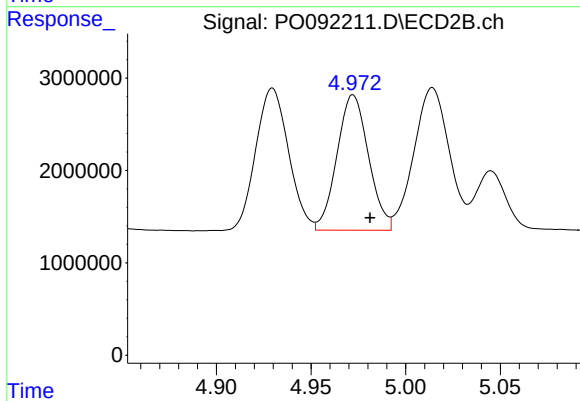
#5 AR-1016-3

R.T.: 4.930 min
Delta R.T.: -0.009 min
Response: 18515674
Conc: 552.24 ng/ml



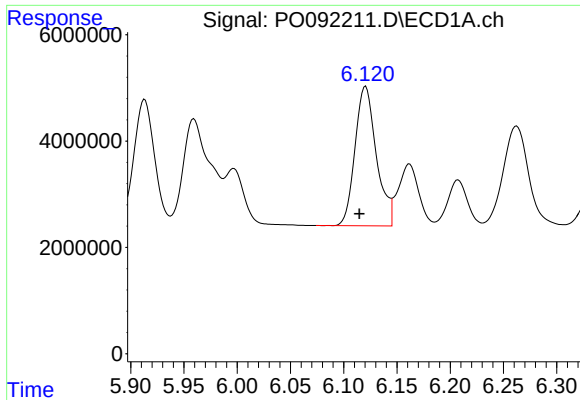
#6 AR-1016-4

R.T.: 5.819 min
Delta R.T.: 0.004 min
Response: 33673817
Conc: 548.03 ng/ml



#6 AR-1016-4

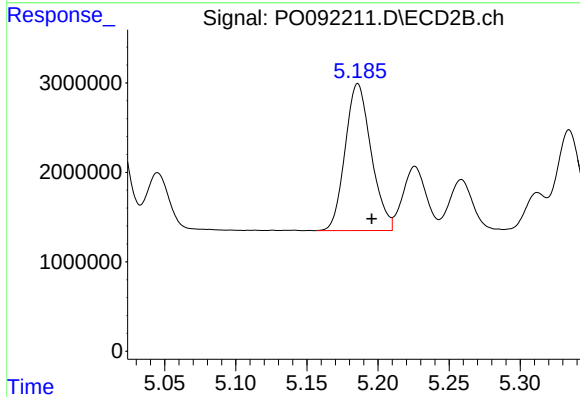
R.T.: 4.972 min
Delta R.T.: -0.009 min
Response: 17016057
Conc: 572.83 ng/ml



#7 AR-1016-5

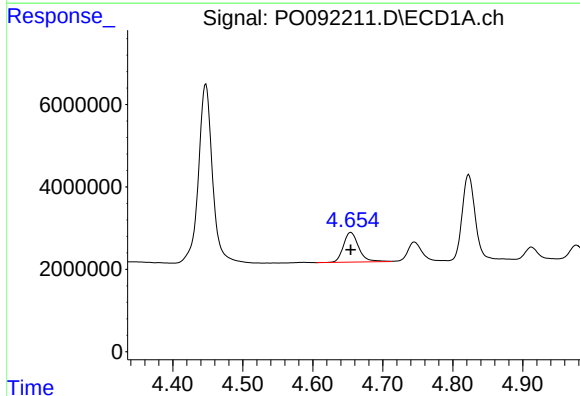
R.T.: 6.121 min
Delta R.T.: 0.006 min
Response: 36570144
Conc: 562.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



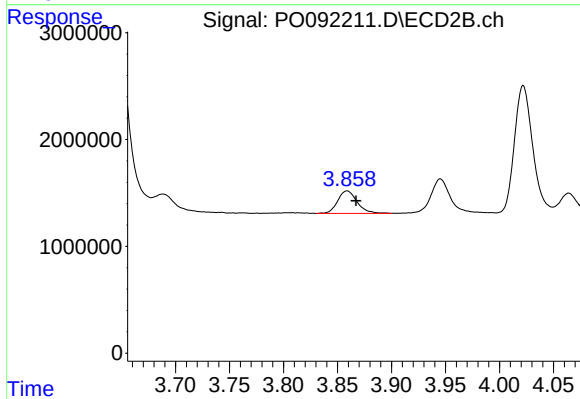
#7 AR-1016-5

R.T.: 5.186 min
Delta R.T.: -0.010 min
Response: 20906392
Conc: 567.27 ng/ml



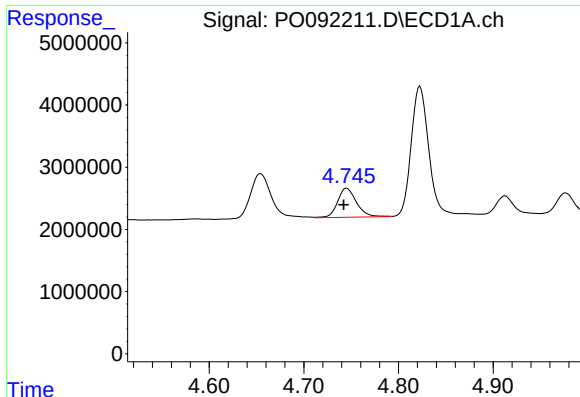
#8 AR-1221-1

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 11031561
Conc: 312.17 ng/ml



#8 AR-1221-1

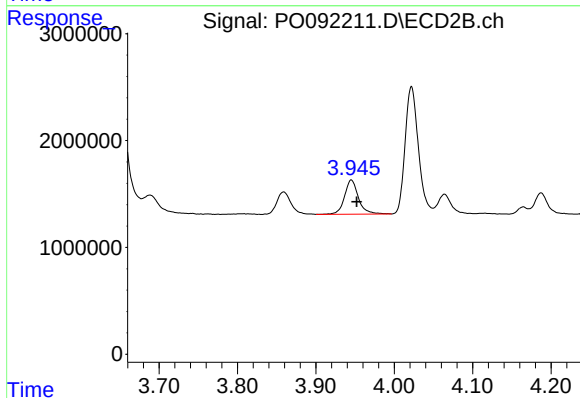
R.T.: 3.859 min
Delta R.T.: -0.008 min
Response: 2622328
Conc: 148.17 ng/ml



#9 AR-1221-2

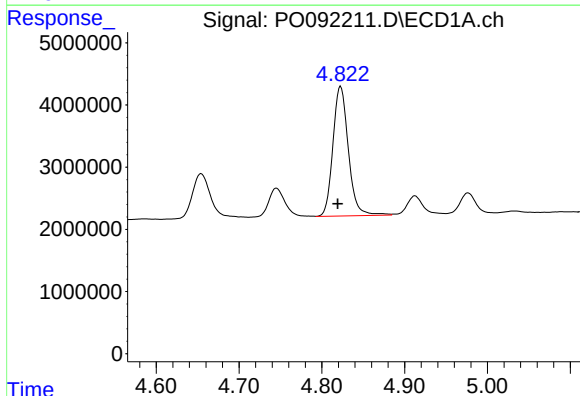
R.T.: 4.745 min
Delta R.T.: 0.003 min
Response: 6454760
Conc: 254.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



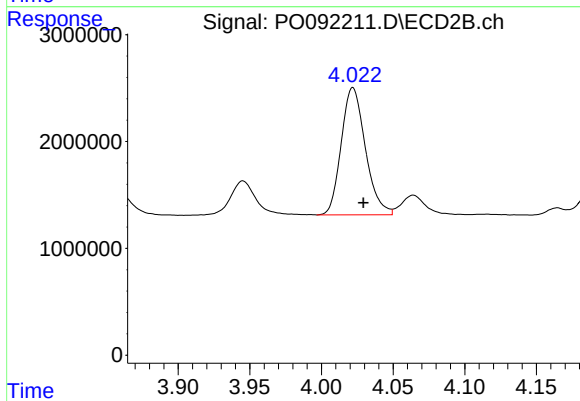
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.007 min
Response: 3972424
Conc: 304.14 ng/ml



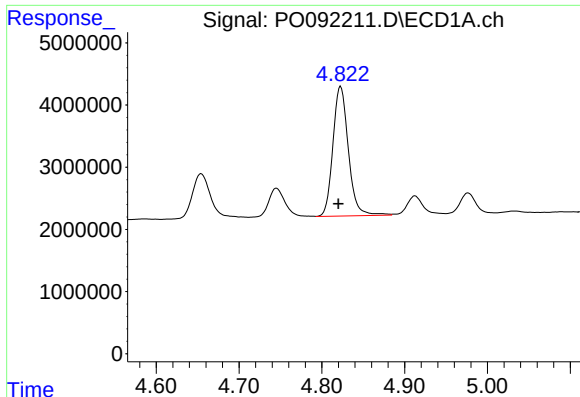
#10 AR-1221-3

R.T.: 4.823 min
Delta R.T.: 0.004 min
Response: 27060667
Conc: 348.70 ng/ml



#10 AR-1221-3

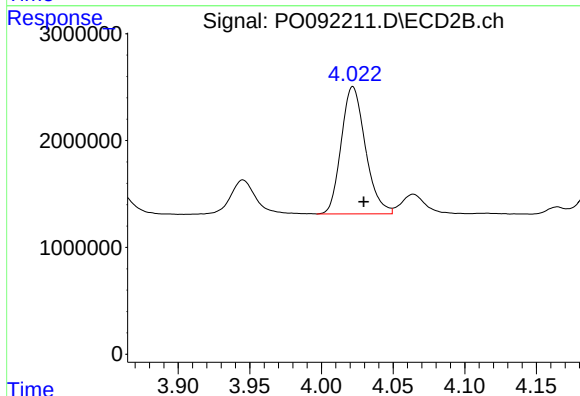
R.T.: 4.022 min
Delta R.T.: -0.007 min
Response: 13996343
Conc: 360.94 ng/ml



#11 AR-1232-1

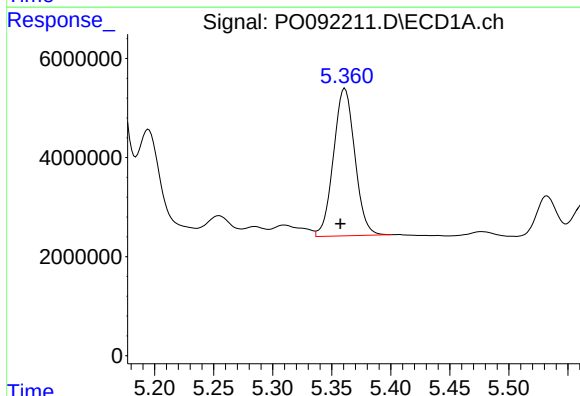
R.T.: 4.823 min
Delta R.T.: 0.003 min
Response: 27060667
Conc: 403.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



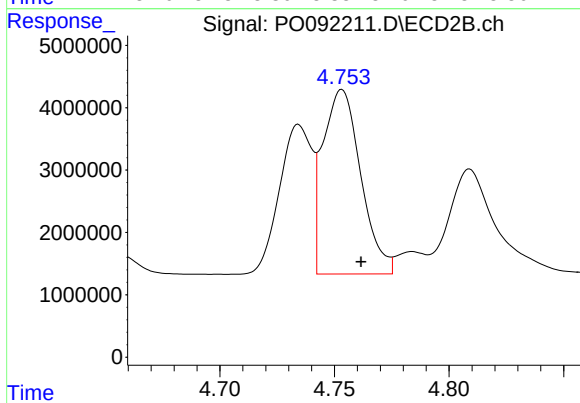
#11 AR-1232-1

R.T.: 4.022 min
Delta R.T.: -0.008 min
Response: 13996343
Conc: 410.04 ng/ml



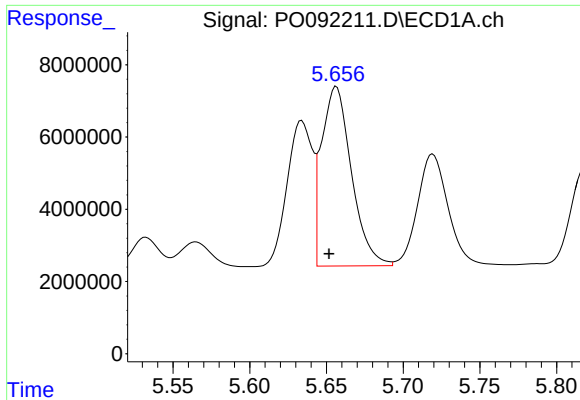
#12 AR-1232-2

R.T.: 5.361 min
Delta R.T.: 0.004 min
Response: 37421580
Conc: 1153.07 ng/ml



#12 AR-1232-2

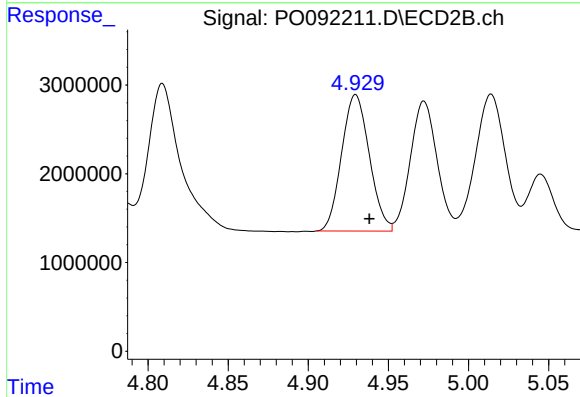
R.T.: 4.753 min
Delta R.T.: -0.008 min
Response: 34045267
Conc: 1176.37 ng/ml



#13 AR-1232-3

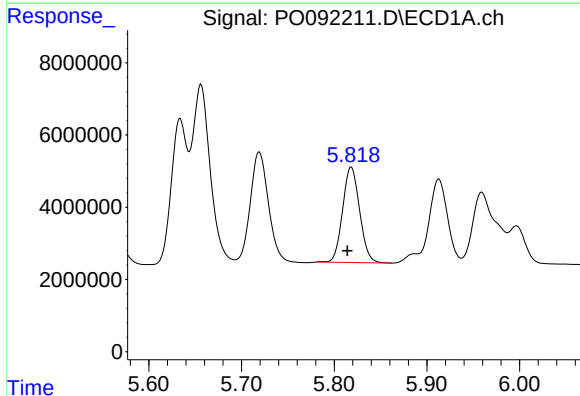
R.T.: 5.656 min
Delta R.T.: 0.005 min
Response: 67513213
Conc: 1177.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



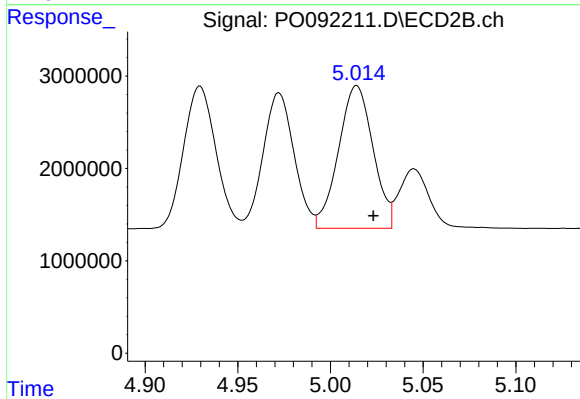
#13 AR-1232-3

R.T.: 4.930 min
Delta R.T.: -0.009 min
Response: 18515674
Conc: 1226.73 ng/ml



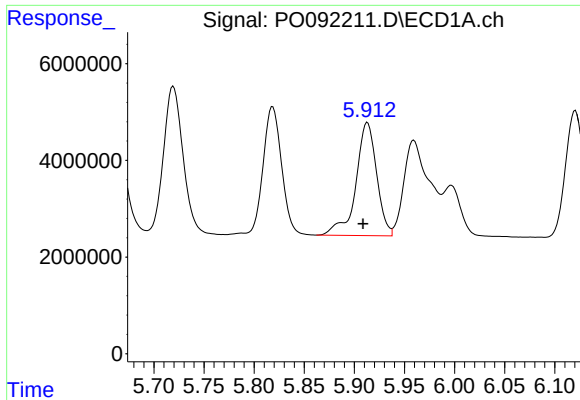
#14 AR-1232-4

R.T.: 5.819 min
Delta R.T.: 0.004 min
Response: 33673817
Conc: 1245.97 ng/ml



#14 AR-1232-4

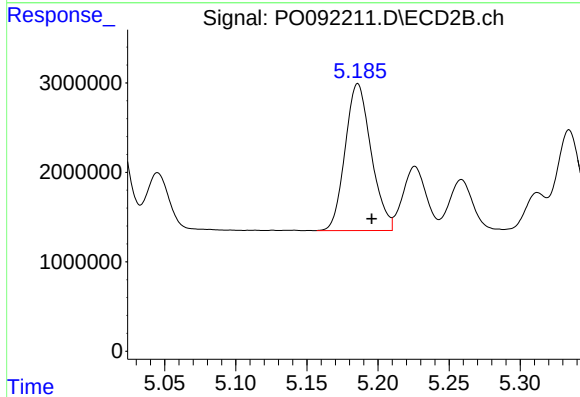
R.T.: 5.014 min
Delta R.T.: -0.009 min
Response: 20027041
Conc: 1329.24 ng/ml



#15 AR-1232-5

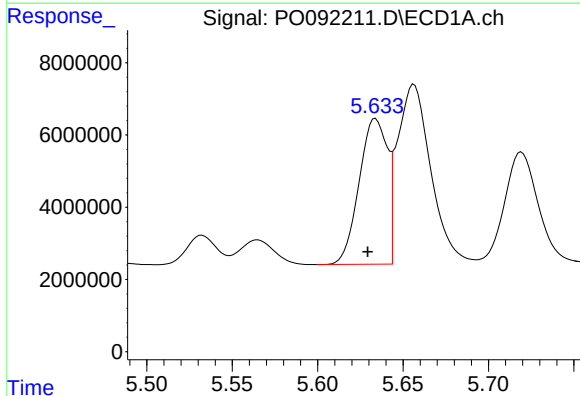
R.T.: 5.913 min
Delta R.T.: 0.004 min
Response: 33804339
Conc: 1409.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



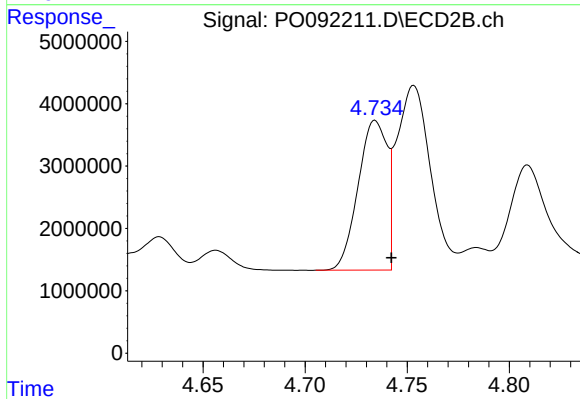
#15 AR-1232-5

R.T.: 5.186 min
Delta R.T.: -0.010 min
Response: 20906392
Conc: 1278.43 ng/ml



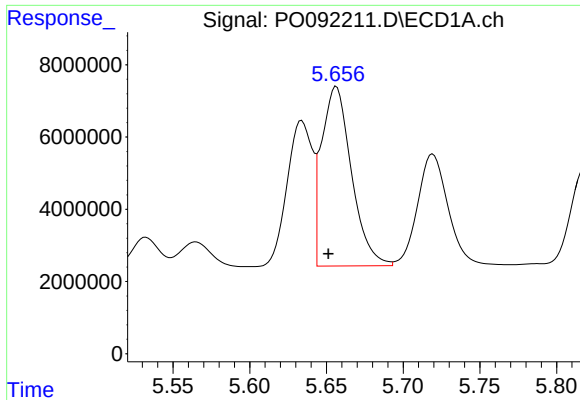
#16 AR-1242-1

R.T.: 5.634 min
Delta R.T.: 0.005 min
Response: 46250581
Conc: 648.14 ng/ml



#16 AR-1242-1

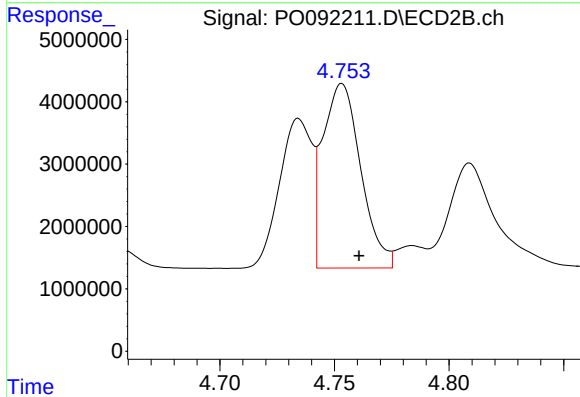
R.T.: 4.734 min
Delta R.T.: -0.008 min
Response: 23708876
Conc: 635.11 ng/ml



#17 AR-1242-2

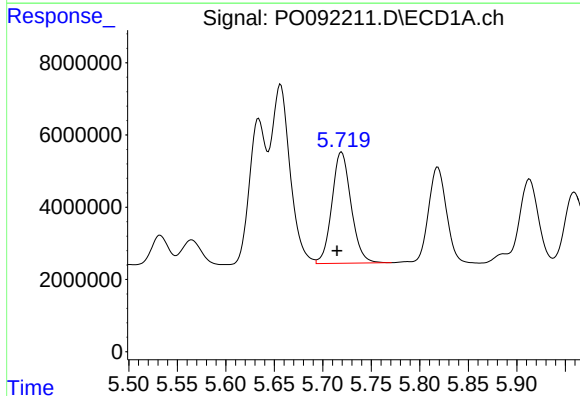
R.T.: 5.656 min
Delta R.T.: 0.005 min
Response: 67513213
Conc: 638.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



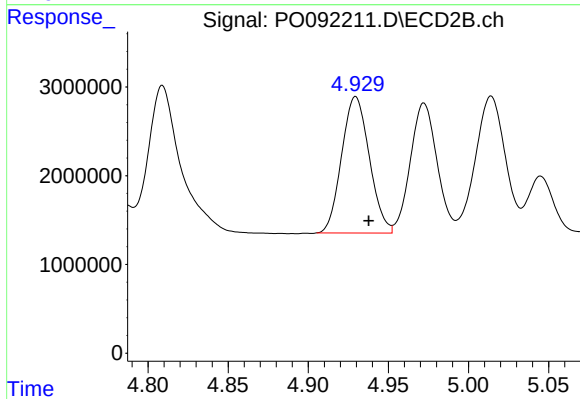
#17 AR-1242-2

R.T.: 4.753 min
Delta R.T.: -0.007 min
Response: 34045267
Conc: 640.57 ng/ml



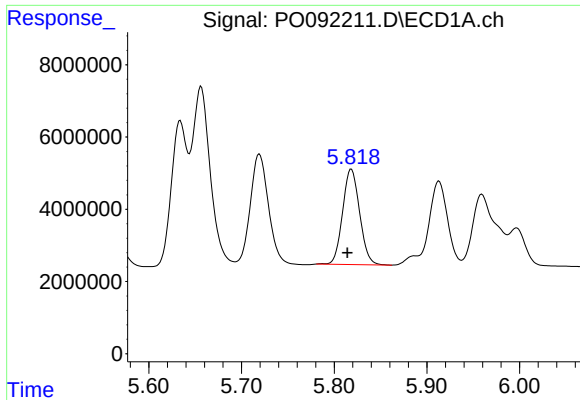
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.004 min
Response: 42396157
Conc: 629.03 ng/ml



#18 AR-1242-3

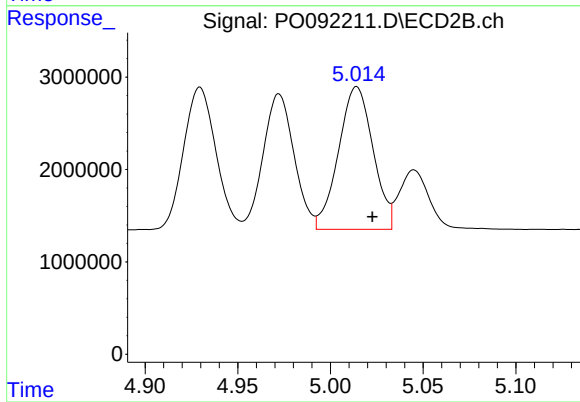
R.T.: 4.930 min
Delta R.T.: -0.008 min
Response: 18515674
Conc: 647.11 ng/ml



#19 AR-1242-4

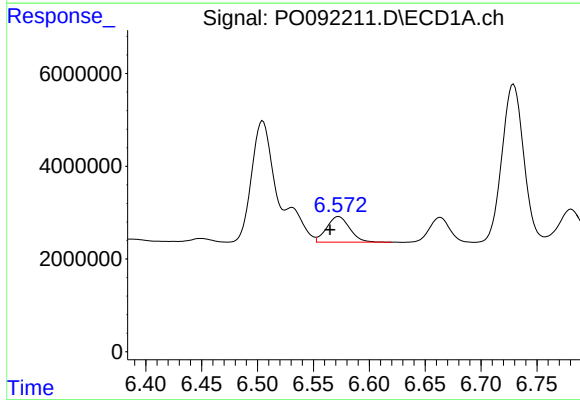
R.T.: 5.819 min
Delta R.T.: 0.004 min
Response: 33673817
Conc: 649.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



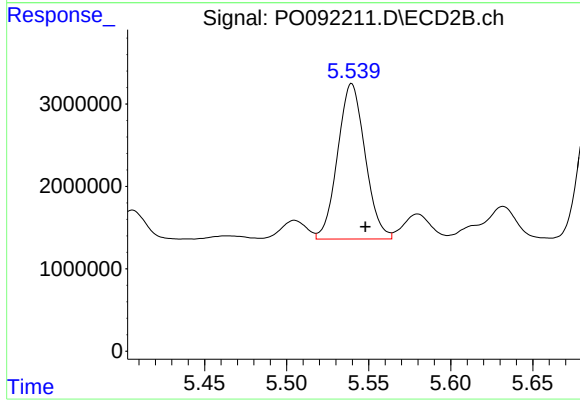
#19 AR-1242-4

R.T.: 5.014 min
Delta R.T.: -0.008 min
Response: 20027041
Conc: 651.52 ng/ml



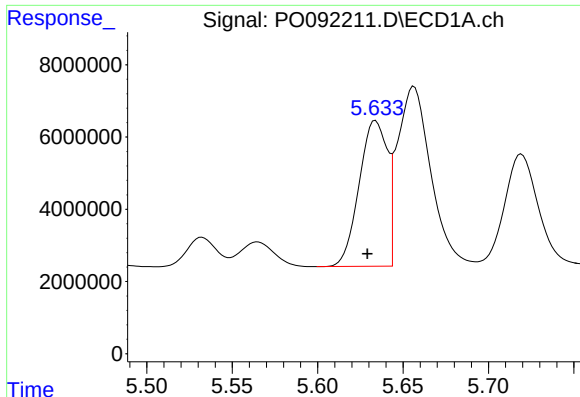
#20 AR-1242-5

R.T.: 6.573 min
Delta R.T.: 0.008 min
Response: 7874445
Conc: 155.53 ng/ml



#20 AR-1242-5

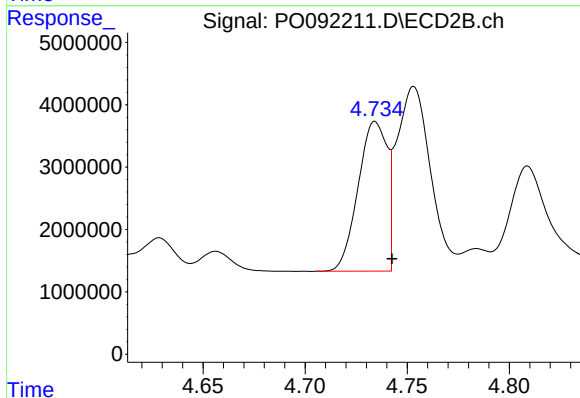
R.T.: 5.540 min
Delta R.T.: -0.008 min
Response: 22000014
Conc: 667.10 ng/ml



#21 AR-1248-1

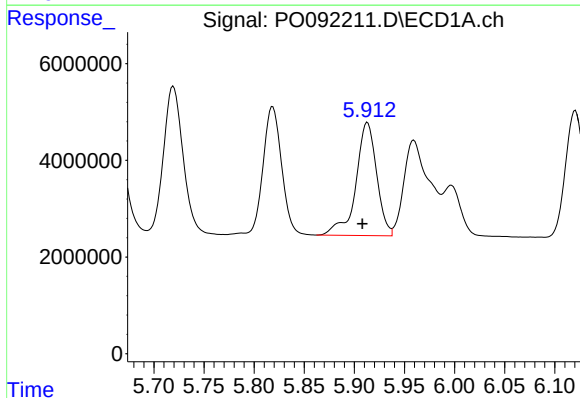
R.T.: 5.634 min
Delta R.T.: 0.005 min
Response: 46250581
Conc: 845.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



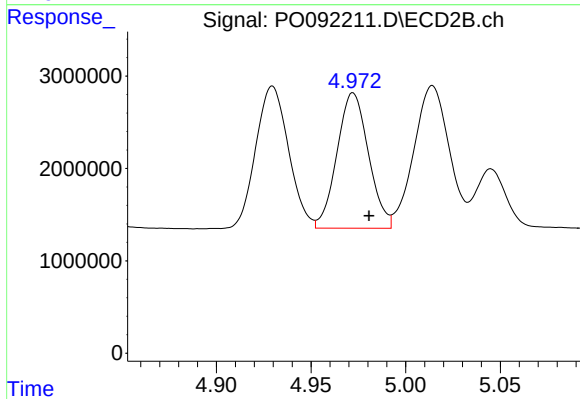
#21 AR-1248-1

R.T.: 4.734 min
Delta R.T.: -0.008 min
Response: 23708876
Conc: 831.35 ng/ml



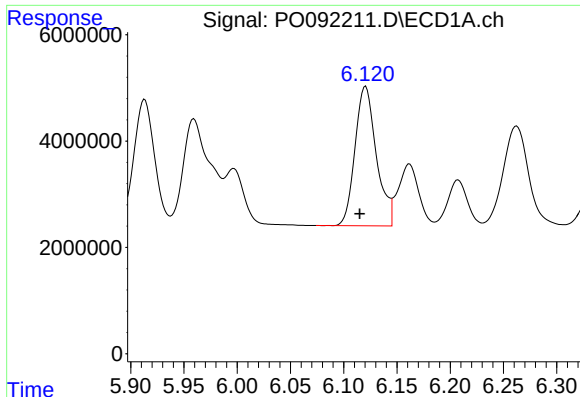
#22 AR-1248-2

R.T.: 5.913 min
Delta R.T.: 0.005 min
Response: 33804339
Conc: 390.81 ng/ml



#22 AR-1248-2

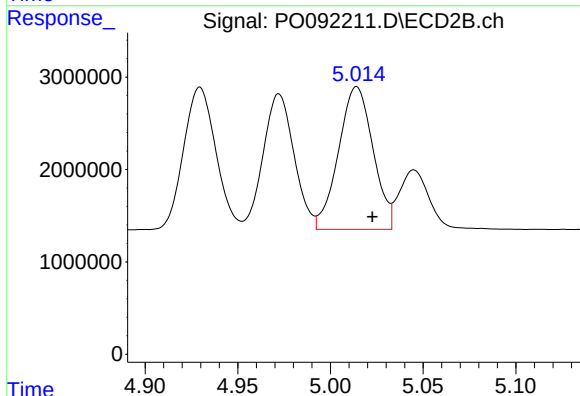
R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 17016057
Conc: 383.64 ng/ml



#23 AR-1248-3

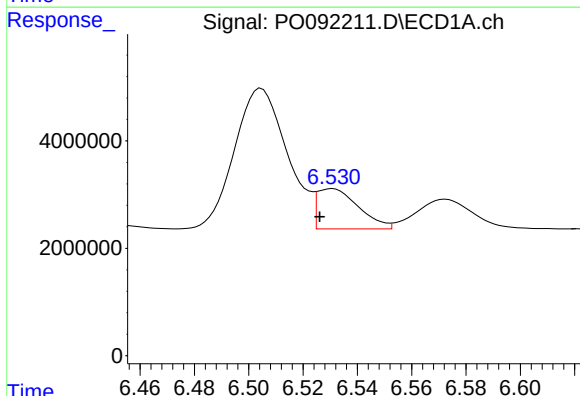
R.T.: 6.121 min
Delta R.T.: 0.006 min
Response: 36570144
Conc: 397.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



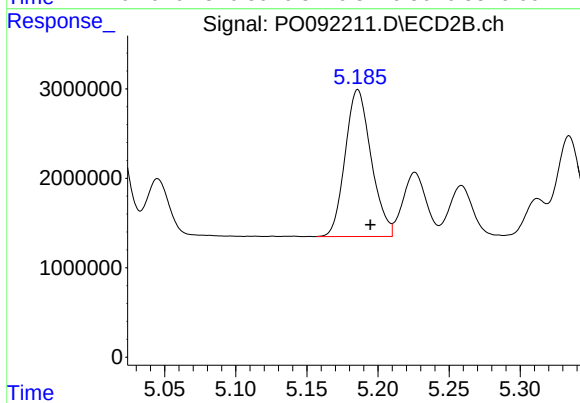
#23 AR-1248-3

R.T.: 5.014 min
Delta R.T.: -0.008 min
Response: 20027041
Conc: 439.59 ng/ml



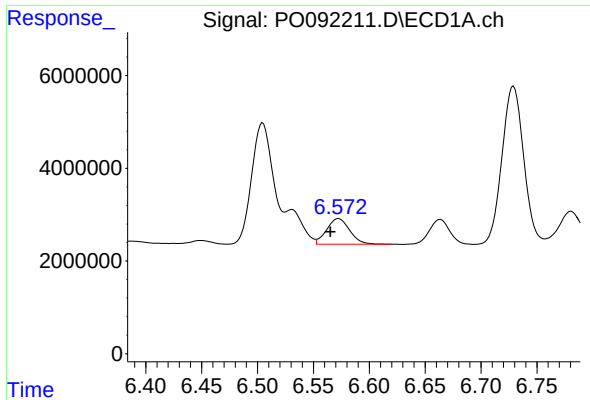
#24 AR-1248-4

R.T.: 6.531 min
Delta R.T.: 0.005 min
Response: 7892728
Conc: 88.73 ng/ml



#24 AR-1248-4

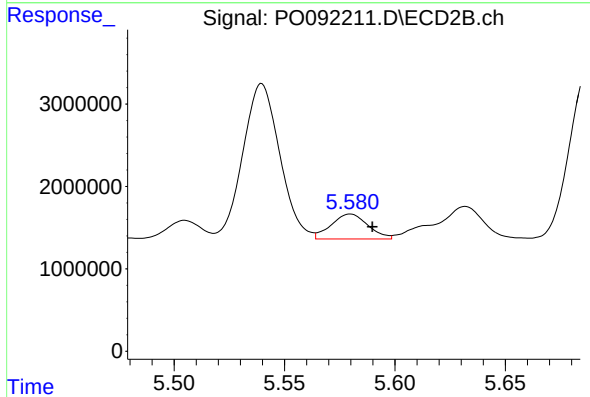
R.T.: 5.186 min
Delta R.T.: -0.009 min
Response: 20906392
Conc: 400.95 ng/ml



#25 AR-1248-5

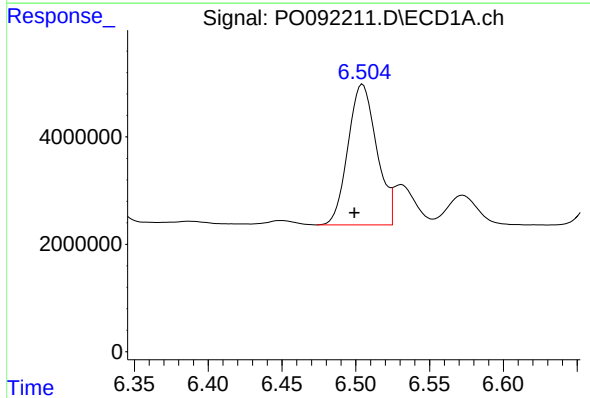
R.T.: 6.573 min
Delta R.T.: 0.007 min
Response: 7874445
Conc: 91.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



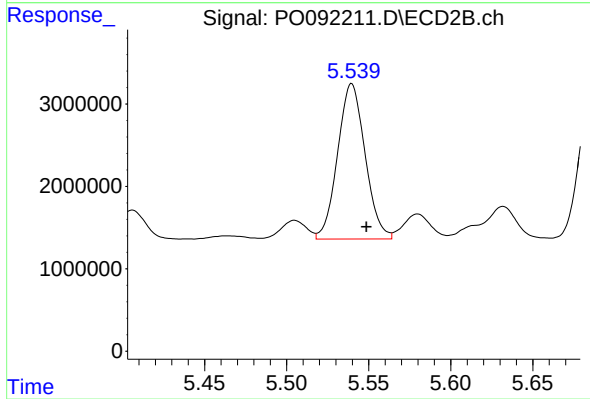
#25 AR-1248-5

R.T.: 5.580 min
Delta R.T.: -0.010 min
Response: 3511220
Conc: 79.39 ng/ml



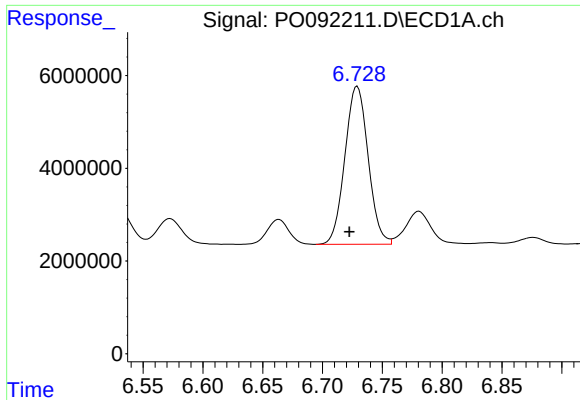
#26 AR-1254-1

R.T.: 6.505 min
Delta R.T.: 0.006 min
Response: 35326235
Conc: 341.44 ng/ml



#26 AR-1254-1

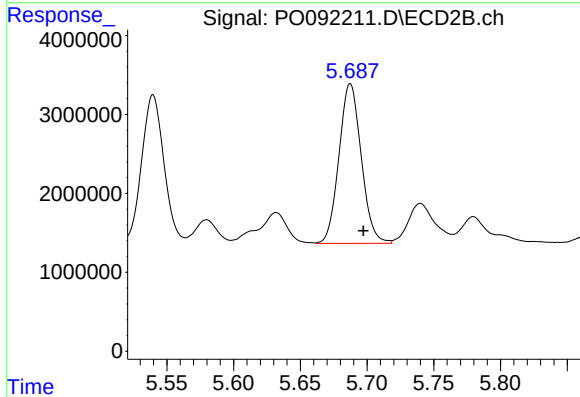
R.T.: 5.540 min
Delta R.T.: -0.009 min
Response: 22000014
Conc: 297.99 ng/ml



#27 AR-1254-2

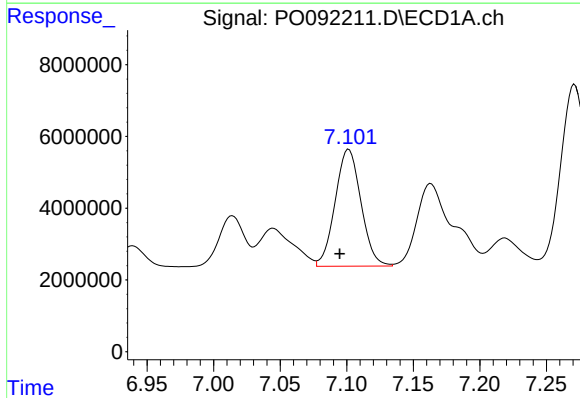
R.T.: 6.729 min
Delta R.T.: 0.006 min
Response: 46183156
Conc: 304.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



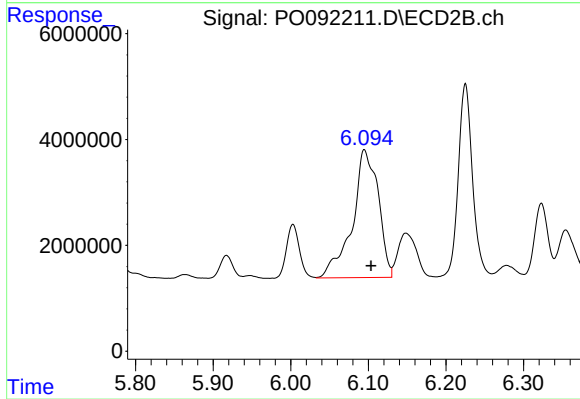
#27 AR-1254-2

R.T.: 5.688 min
Delta R.T.: -0.010 min
Response: 23507880
Conc: 359.75 ng/ml



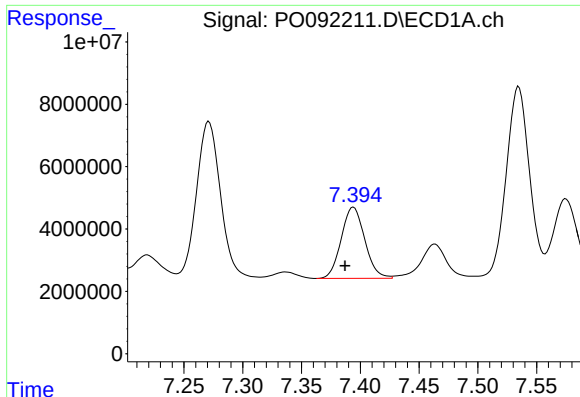
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: 0.007 min
Response: 44015547
Conc: 294.35 ng/ml



#28 AR-1254-3

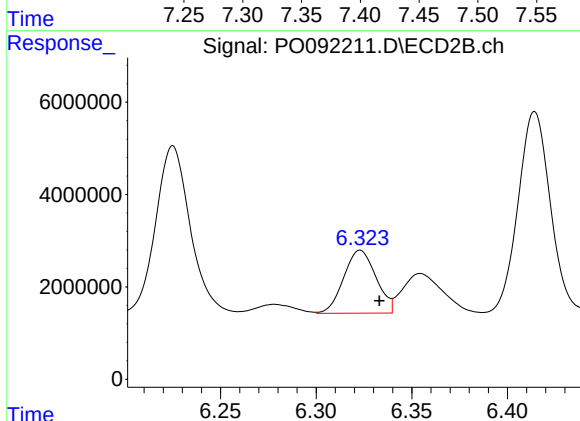
R.T.: 6.095 min
Delta R.T.: -0.009 min
Response: 56091509
Conc: 577.90 ng/ml



#29 AR-1254-4

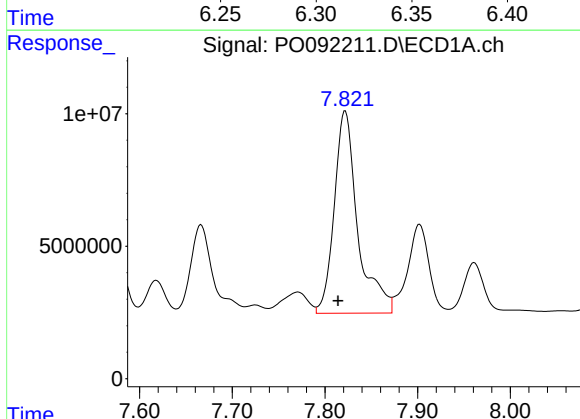
R.T.: 7.394 min
Delta R.T.: 0.007 min
Response: 31814265
Conc: 334.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



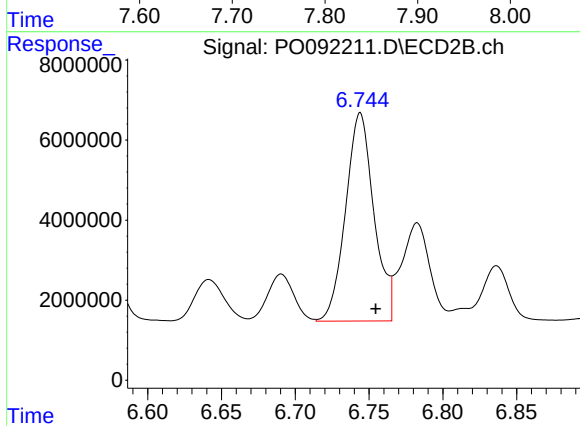
#29 AR-1254-4

R.T.: 6.323 min
Delta R.T.: -0.010 min
Response: 16059410
Conc: 331.36 ng/ml



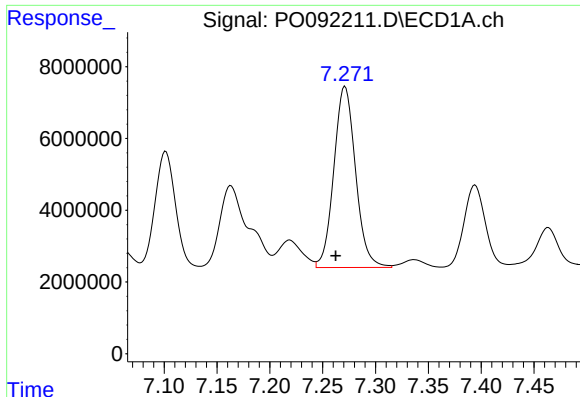
#30 AR-1254-5

R.T.: 7.822 min
Delta R.T.: 0.008 min
Response: 134467115
Conc: 1083.95 ng/ml



#30 AR-1254-5

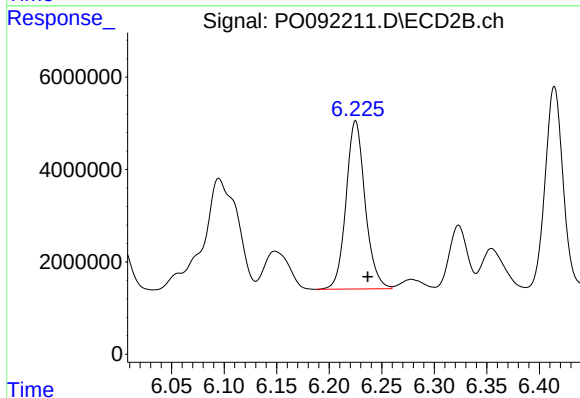
R.T.: 6.744 min
Delta R.T.: -0.011 min
Response: 69464663
Conc: 902.09 ng/ml



#31 AR-1260-1

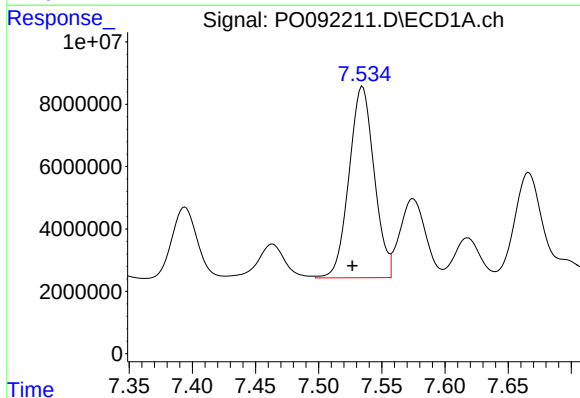
R.T.: 7.271 min
Delta R.T.: 0.009 min
Response: 72240906
Conc: 601.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



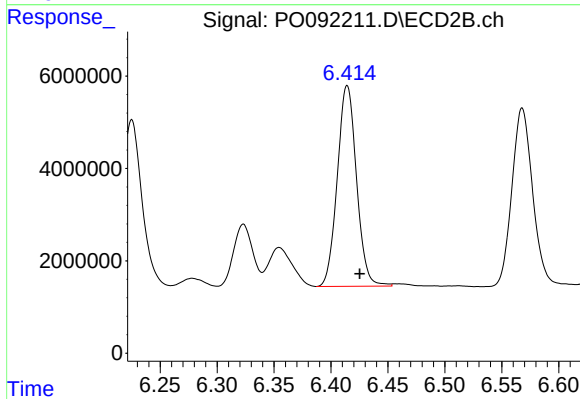
#31 AR-1260-1

R.T.: 6.225 min
Delta R.T.: -0.011 min
Response: 46120173
Conc: 709.26 ng/ml



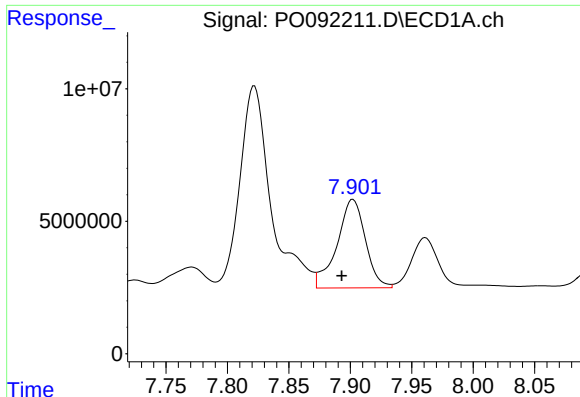
#32 AR-1260-2

R.T.: 7.535 min
Delta R.T.: 0.008 min
Response: 84887711
Conc: 660.81 ng/ml



#32 AR-1260-2

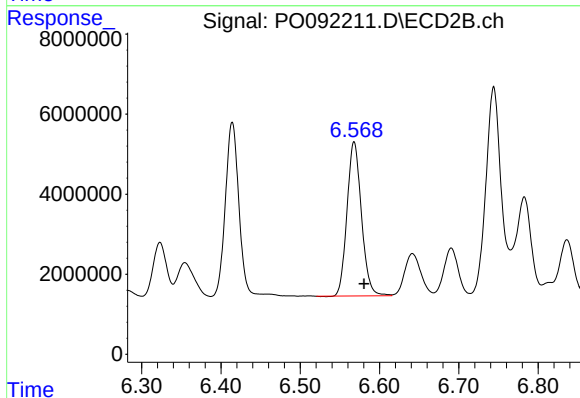
R.T.: 6.414 min
Delta R.T.: -0.011 min
Response: 51173819
Conc: 698.63 ng/ml



#33 AR-1260-3

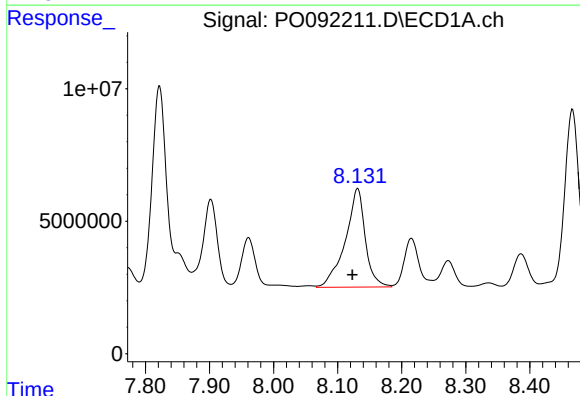
R.T.: 7.902 min
Delta R.T.: 0.009 min
Response: 5400621
Conc: 517.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



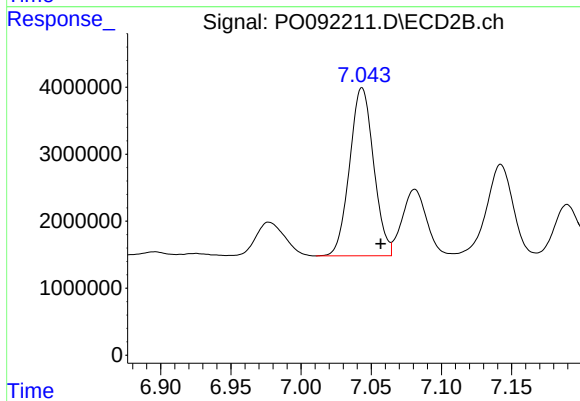
#33 AR-1260-3

R.T.: 6.568 min
Delta R.T.: -0.013 min
Response: 48743783
Conc: 681.53 ng/ml



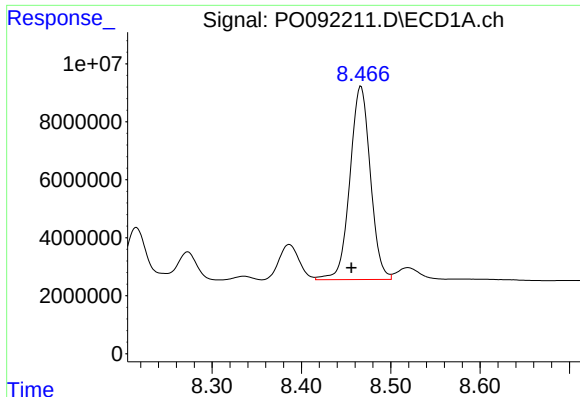
#34 AR-1260-4

R.T.: 8.131 min
Delta R.T.: 0.008 min
Response: 80552612
Conc: 697.69 ng/ml



#34 AR-1260-4

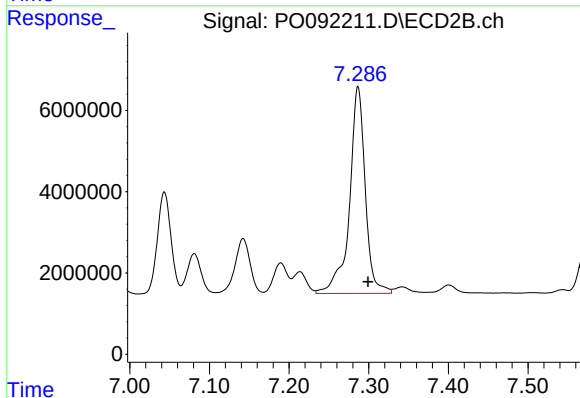
R.T.: 7.043 min
Delta R.T.: -0.013 min
Response: 29819204
Conc: 553.44 ng/ml



#35 AR-1260-5

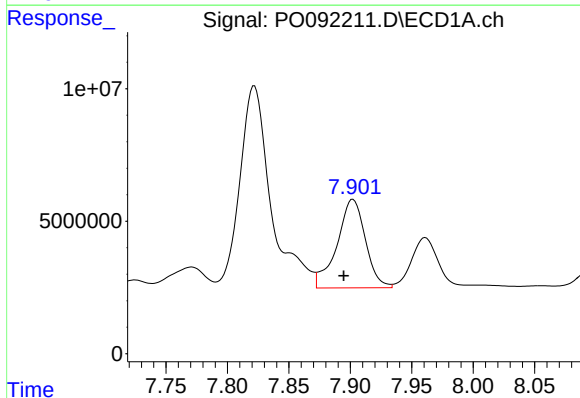
R.T.: 8.467 min
Delta R.T.: 0.011 min
Response: 106040484
Conc: 530.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



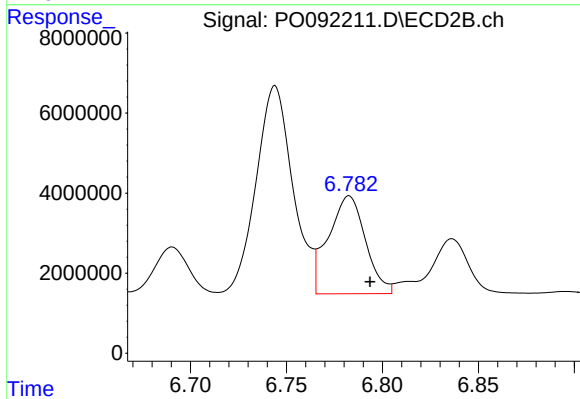
#35 AR-1260-5

R.T.: 7.287 min
Delta R.T.: -0.013 min
Response: 70292127
Conc: 626.44 ng/ml



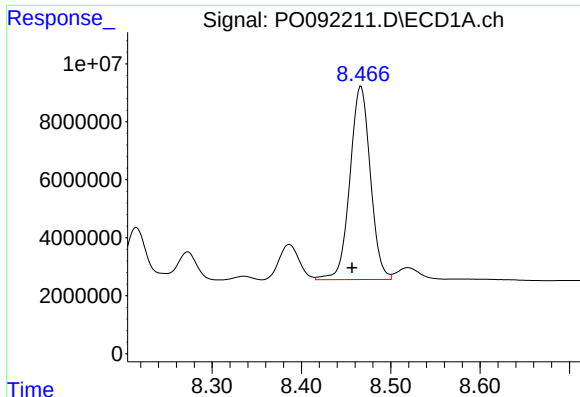
#36 AR-1262-1

R.T.: 7.902 min
Delta R.T.: 0.008 min
Response: 54000621
Conc: 418.93 ng/ml



#36 AR-1262-1

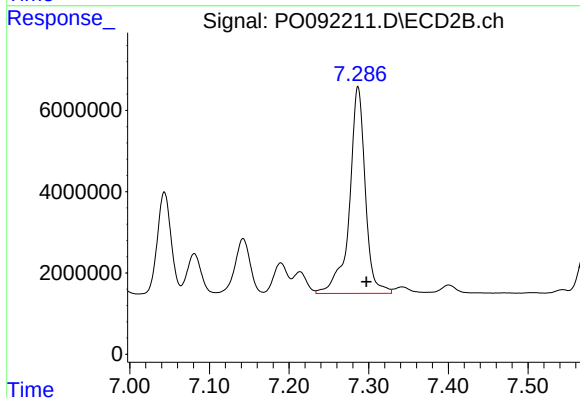
R.T.: 6.783 min
Delta R.T.: -0.011 min
Response: 32965927
Conc: 430.31 ng/ml



#37 AR-1262-2

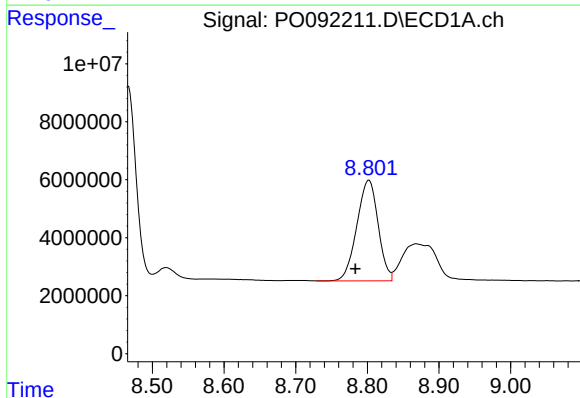
R.T.: 8.467 min
Delta R.T.: 0.010 min
Response: 106040484
Conc: 546.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



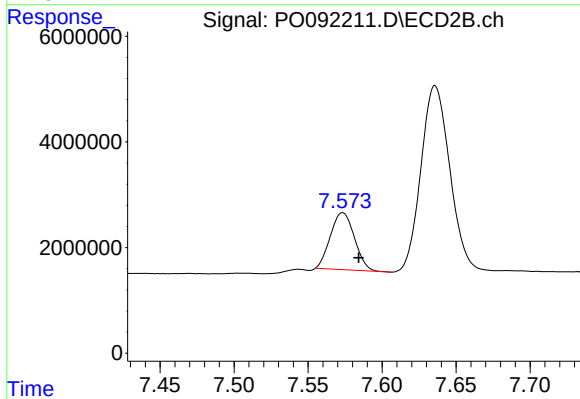
#37 AR-1262-2

R.T.: 7.287 min
Delta R.T.: -0.011 min
Response: 70292127
Conc: 607.14 ng/ml



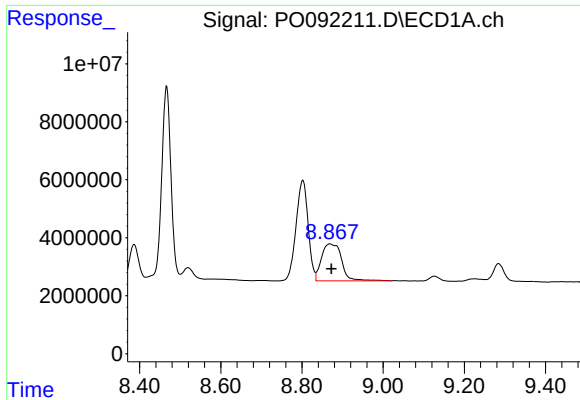
#38 AR-1262-3

R.T.: 8.802 min
Delta R.T.: 0.019 min
Response: 71671778
Conc: 508.13 ng/ml



#38 AR-1262-3

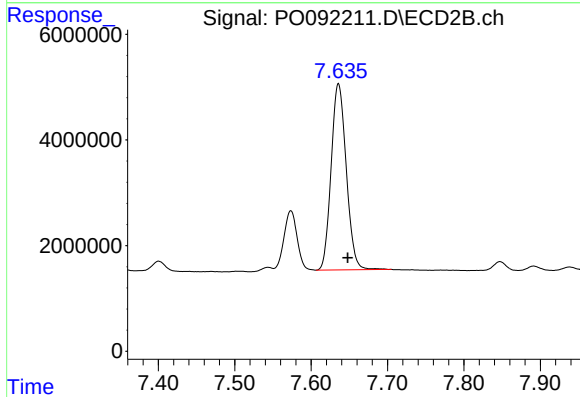
R.T.: 7.573 min
Delta R.T.: -0.011 min
Response: 12231060
Conc: 273.53 ng/ml



#39 AR-1262-4

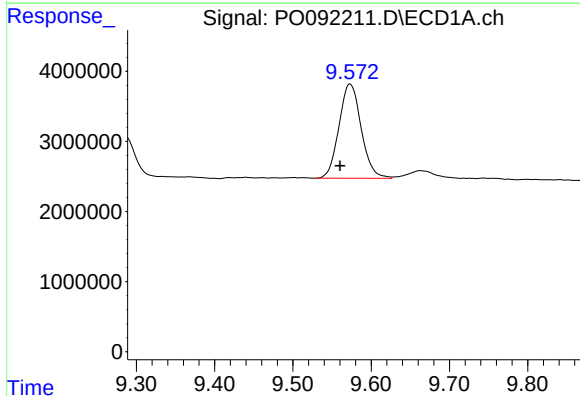
R.T.: 8.869 min
Delta R.T.: -0.004 min
Response: 43740223
Conc: 518.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



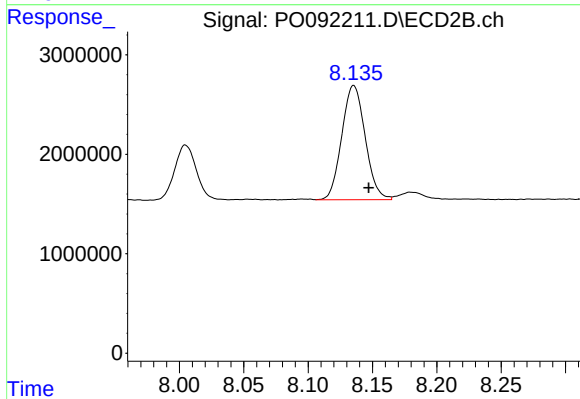
#39 AR-1262-4

R.T.: 7.636 min
Delta R.T.: -0.012 min
Response: 48267065
Conc: 581.27 ng/ml



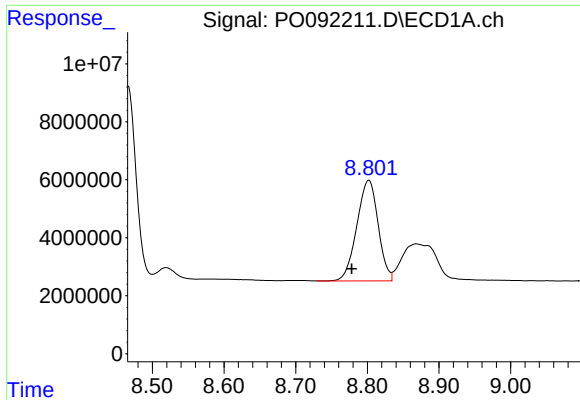
#40 AR-1262-5

R.T.: 9.573 min
Delta R.T.: 0.013 min
Response: 26542521
Conc: 369.87 ng/ml



#40 AR-1262-5

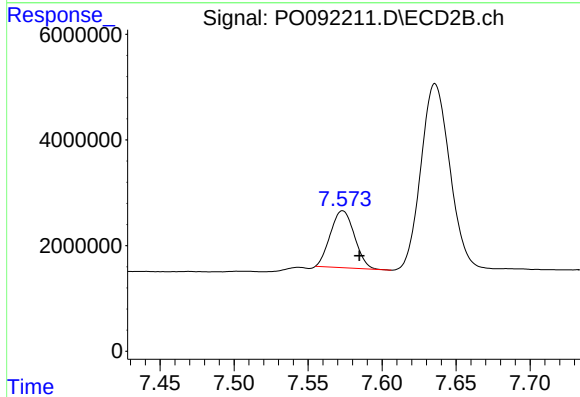
R.T.: 8.135 min
Delta R.T.: -0.012 min
Response: 14545287
Conc: 399.19 ng/ml



#41 AR-1268-1

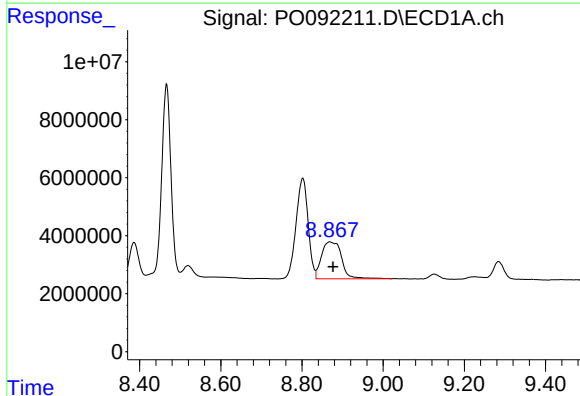
R.T.: 8.802 min
Delta R.T.: 0.024 min
Response: 71671778
Conc: 249.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



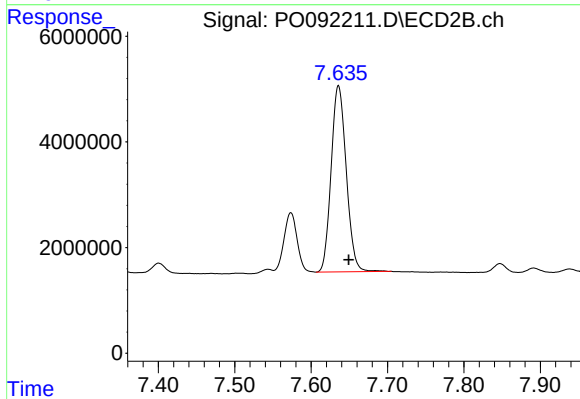
#41 AR-1268-1

R.T.: 7.573 min
Delta R.T.: -0.011 min
Response: 12231060
Conc: 80.25 ng/ml



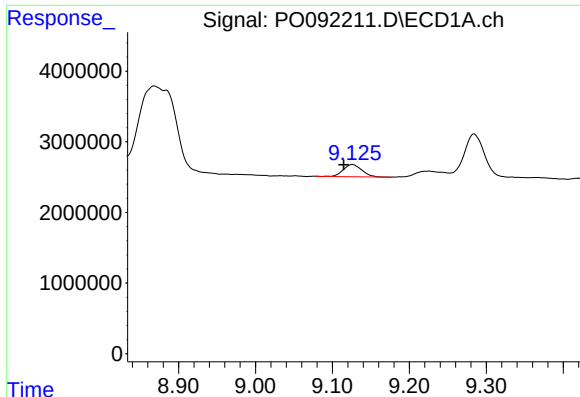
#42 AR-1268-2

R.T.: 8.869 min
Delta R.T.: -0.008 min
Response: 43740223
Conc: 150.47 ng/ml



#42 AR-1268-2

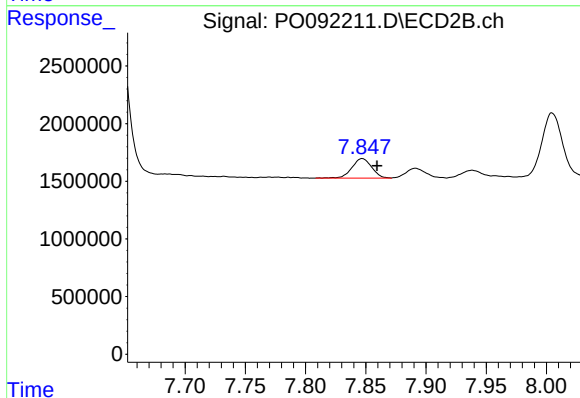
R.T.: 7.636 min
Delta R.T.: -0.013 min
Response: 48267065
Conc: 352.69 ng/ml



#43 AR-1268-3

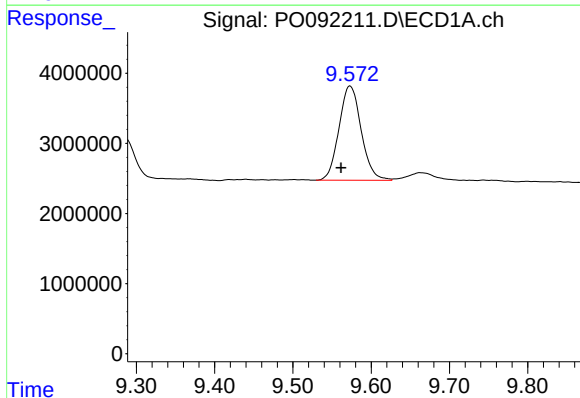
R.T.: 9.126 min
Delta R.T.: 0.011 min
Response: 2907662
Conc: 12.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



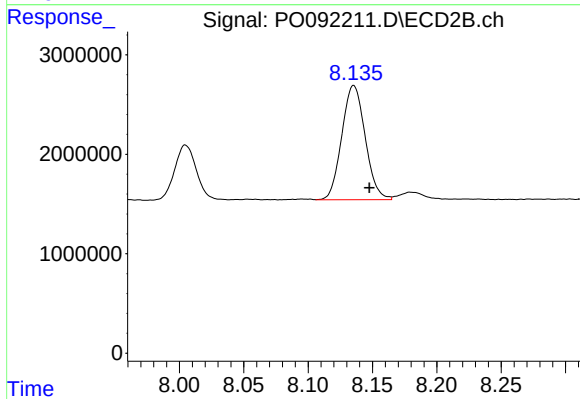
#43 AR-1268-3

R.T.: 7.847 min
Delta R.T.: -0.012 min
Response: 1933091
Conc: 15.22 ng/ml



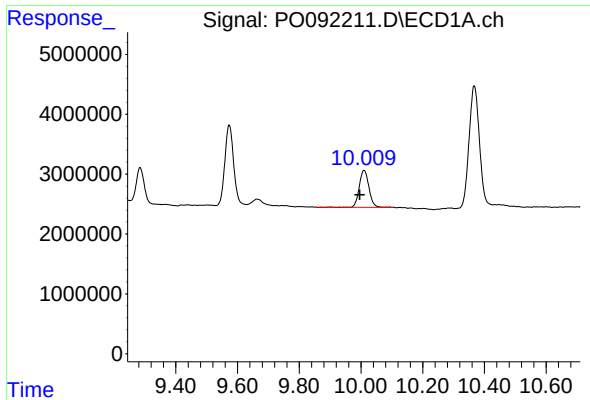
#44 AR-1268-4

R.T.: 9.573 min
Delta R.T.: 0.012 min
Response: 26542521
Conc: 294.75 ng/ml



#44 AR-1268-4

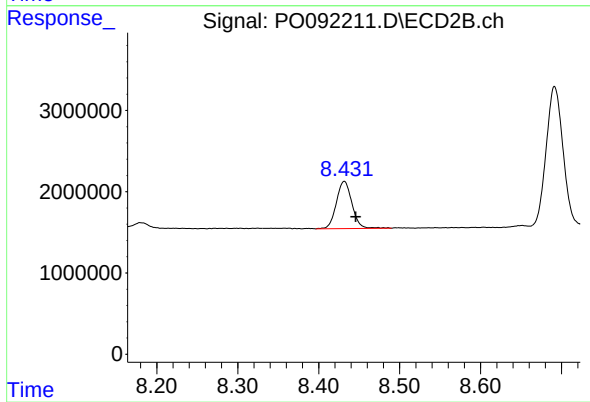
R.T.: 8.135 min
Delta R.T.: -0.012 min
Response: 14545287
Conc: 307.10 ng/ml



#45 AR-1268-5

R.T.: 10.010 min
Delta R.T.: 0.014 min
Response: 13274518
Conc: 18.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.432 min
Delta R.T.: -0.014 min
Response: 7771463
Conc: 20.85 ng/ml