

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103123\
 Data File : PP061420.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 21:44
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:32:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 27 18:44:48 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...	4.566	3.699	140.4E6	83080949	56.828	55.592
2)	SA Decachlor...	10.553	8.774	91557298	70517813	48.553	45.919
Target Compounds							
3)	L1 AR-1016-1	5.760	4.799	44932581	27908902	552.142	539.257
4)	L1 AR-1016-2	5.783	4.818	64020940	38579451	550.545	545.483
5)	L1 AR-1016-3	5.847	4.997	38389417	21607228	542.863	547.688
6)	L1 AR-1016-4	5.947	5.040	32156715	15731620	550.898	500.107
7)	L1 AR-1016-5	6.247	5.255	32748347	23497771	570.433	558.961
8)	L2 AR-1221-1	4.774	3.915	4881995	3174880	164.359	162.365
9)	L2 AR-1221-2	4.867	4.003	6979152	4519075	313.386	317.348
10)	L2 AR-1221-3	4.945	4.079	24192828	15642394	373.380	385.366
11)	L3 AR-1232-1	4.945	4.079	24192828	15642394	453.263	463.226
12)	L3 AR-1232-2	5.487	4.818	34559814	38579451	1168.125	1207.099
13)	L3 AR-1232-3	5.783	4.997	64020940	21607228	1284.142	1225.419
14)	L3 AR-1232-4	5.947	5.082	32156715	21100152	1274.854	1323.433
15)	L3 AR-1232-5	6.039	5.255	28540364	23497771	1321.578	1301.414
16)	L4 AR-1242-1	5.760	4.799	44932581	27908902	686.871	660.071
17)	L4 AR-1242-2	5.783	4.818	64020940	38579451	690.862	678.612
18)	L4 AR-1242-3	5.847	4.997	38389417	21607228	672.589	673.233
19)	L4 AR-1242-4	5.947	5.082	32156715	21100152	661.479	656.049
20)	L4 AR-1242-5	6.697	5.611	12821180	20309949	247.868	511.654 #
21)	L5 AR-1248-1	5.760	4.799	44932581	27908902	920.740	898.058
22)	L5 AR-1248-2	6.039	5.040	28540364	15731620	378.728	360.647
23)	L5 AR-1248-3	6.247	5.082	32748347	21100152	392.678	454.001
24)	L5 AR-1248-4	6.656	5.255	8969436	23497771	101.749	421.690 #
25)	L5 AR-1248-5	6.697	5.651	12821180	5683665	151.205	109.234 #
26)	L6 AR-1254-1	6.631	5.611	30549814	20309949	344.946	257.730 #
27)	L6 AR-1254-2	6.852	5.760	30636644	17552345	229.699	251.315
28)	L6 AR-1254-3	7.224	6.149	17164011	7233442	124.104	63.760 #
29)	L6 AR-1254-4	7.513	6.397	12535606	2856539	125.925	41.100 #
30)	L6 AR-1254-5	7.936	6.818	74295698	56855770	675.095	537.339
31)	L7 AR-1260-1	7.390	6.299	61829604	42065782	549.628	517.006
32)	L7 AR-1260-2	7.650	6.488	65114379	49122556	503.316	503.664
33)	L7 AR-1260-3	8.014	6.643	42657453	47747922	502.261	515.921
34)	L7 AR-1260-4	8.249	7.118	51000497	36896361	504.556	503.195
35)	L7 AR-1260-5	8.588	7.362	97523725	83730786	503.524	490.338
36)	L8 AR-1262-1	8.014	6.910	42657453	19790028	320.808	439.071 #
37)	L8 AR-1262-2	8.588	7.118	97523725	36896361	417.272	368.607
38)	L8 AR-1262-3	8.936f	7.647	63648137	17554386	400.901	220.575 #
39)	L8 AR-1262-4	8.996	7.711	20693381	59061073	171.767	408.798 #
40)	L8 AR-1262-5	9.728f	8.213	23710571	18875522	291.622	273.076
41)	L9 AR-1268-1	0.000	7.647	0	17554386	N.D.	75.392 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

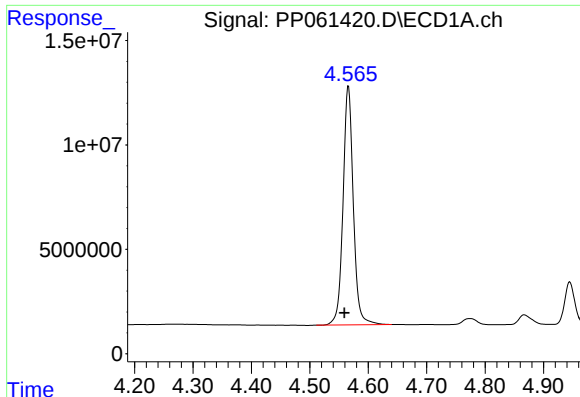
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:32:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
 Quant Title : GC EXTRACTABLES
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 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	8.996	7.711	20693381	59061073	79.130	281.427 #
43) L9	AR-1268-3	9.267f	7.919	1708765	1417727	7.504	7.716
44) L9	AR-1268-4	9.728f	8.213	23710571	18875522	261.920	244.186
45) L9	AR-1268-5	10.181f	8.512	8304791	6334285	11.912	11.166

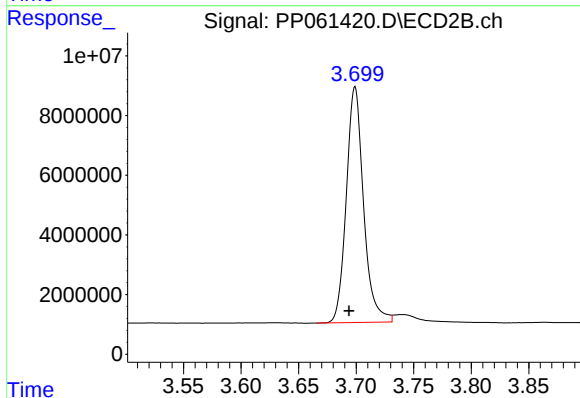
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

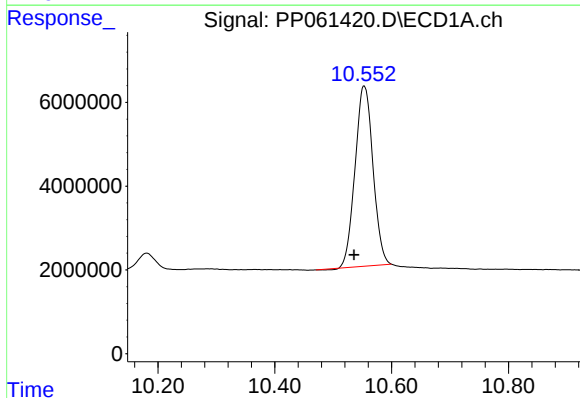
R.T.: 4.566 min
Delta R.T.: 0.007 min
Response: 140375027
Conc: 56.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



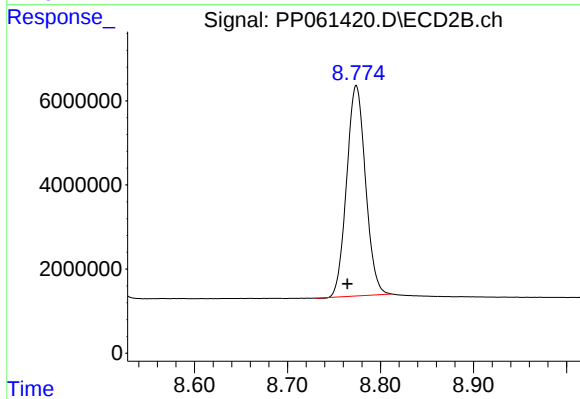
#1 Tetrachloro-m-xylene

R.T.: 3.699 min
Delta R.T.: 0.005 min
Response: 83080949
Conc: 55.59 ng/ml



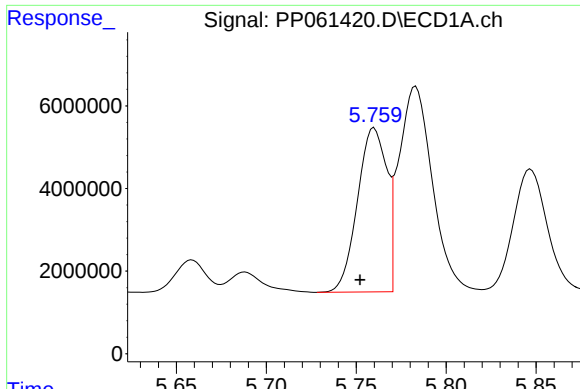
#2 Decachlorobiphenyl

R.T.: 10.553 min
Delta R.T.: 0.017 min
Response: 91557298
Conc: 48.55 ng/ml



#2 Decachlorobiphenyl

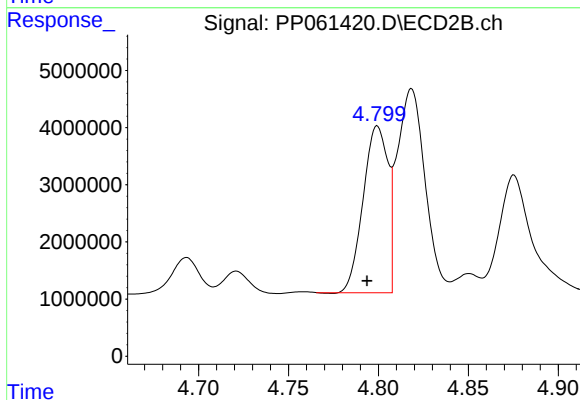
R.T.: 8.774 min
Delta R.T.: 0.010 min
Response: 70517813
Conc: 45.92 ng/ml



#3 AR-1016-1

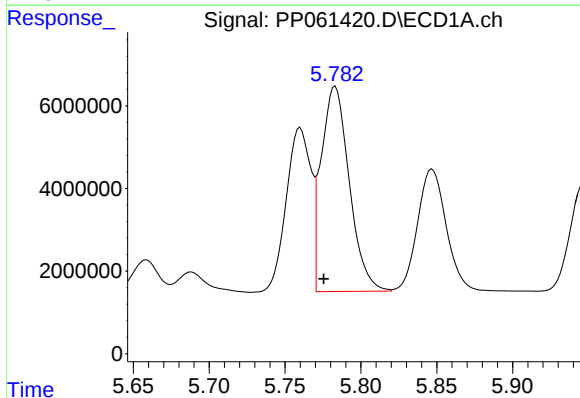
R.T.: 5.760 min
Delta R.T.: 0.008 min
Response: 44932581
Conc: 552.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



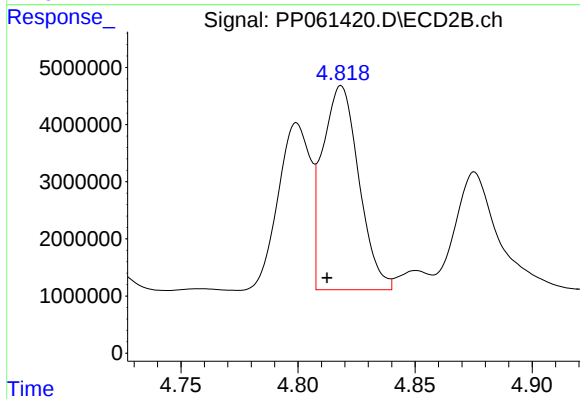
#3 AR-1016-1

R.T.: 4.799 min
Delta R.T.: 0.006 min
Response: 27908902
Conc: 539.26 ng/ml



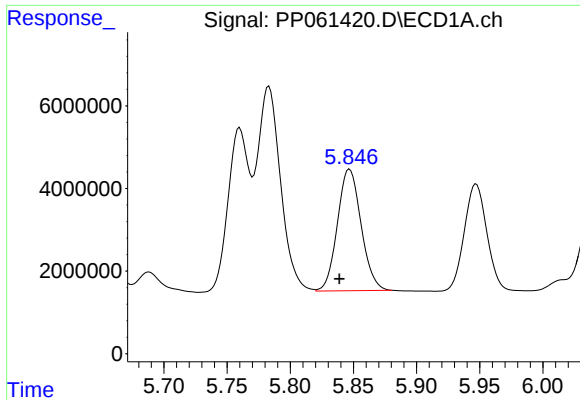
#4 AR-1016-2

R.T.: 5.783 min
Delta R.T.: 0.008 min
Response: 64020940
Conc: 550.55 ng/ml



#4 AR-1016-2

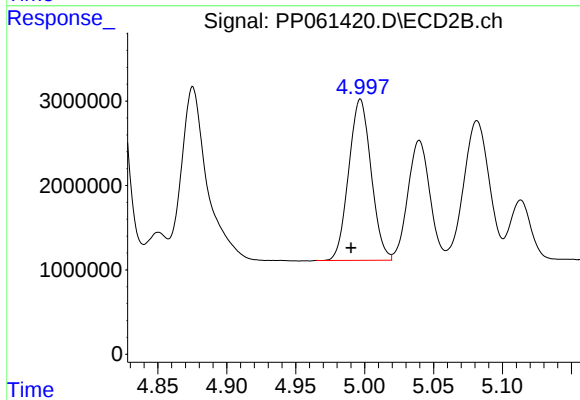
R.T.: 4.818 min
Delta R.T.: 0.006 min
Response: 38579451
Conc: 545.48 ng/ml



#5 AR-1016-3

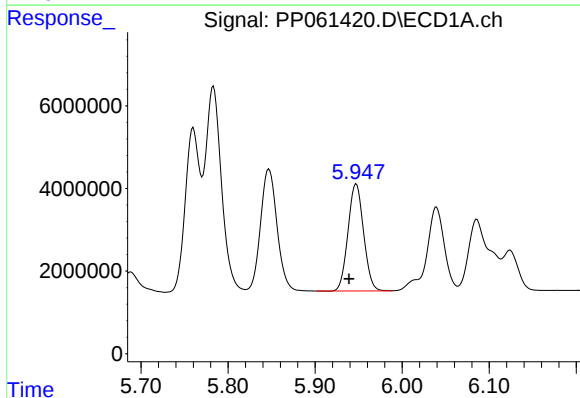
R.T.: 5.847 min
Delta R.T.: 0.008 min
Response: 38389417
Conc: 542.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



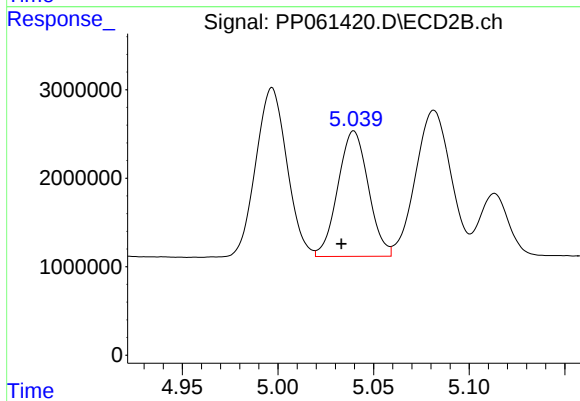
#5 AR-1016-3

R.T.: 4.997 min
Delta R.T.: 0.007 min
Response: 21607228
Conc: 547.69 ng/ml



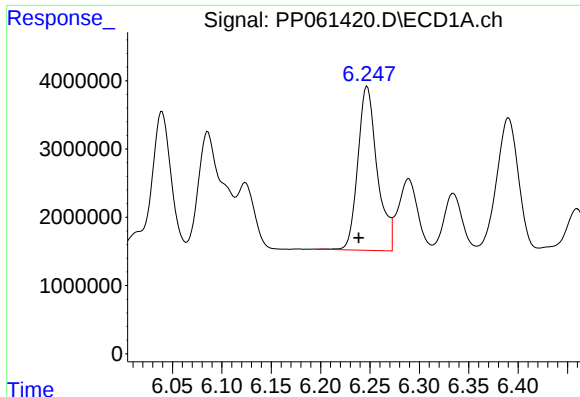
#6 AR-1016-4

R.T.: 5.947 min
Delta R.T.: 0.008 min
Response: 32156715
Conc: 550.90 ng/ml



#6 AR-1016-4

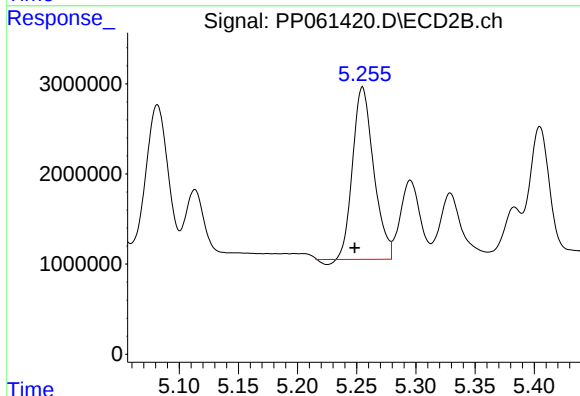
R.T.: 5.040 min
Delta R.T.: 0.006 min
Response: 15731620
Conc: 500.11 ng/ml



#7 AR-1016-5

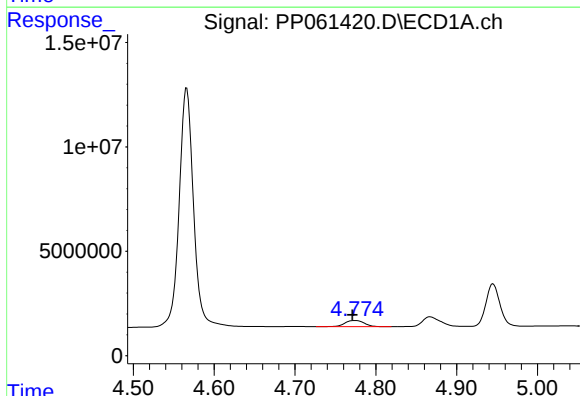
R.T.: 6.247 min
Delta R.T.: 0.009 min
Response: 32748347
Conc: 570.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



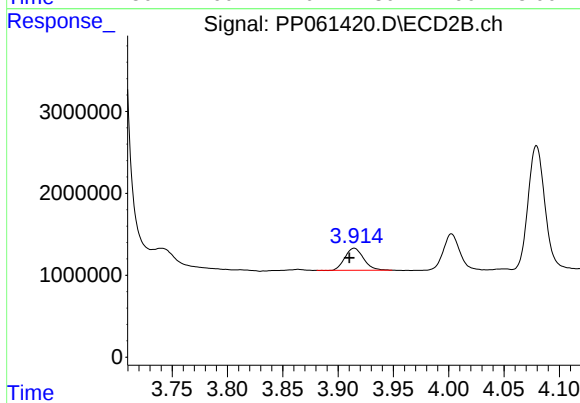
#7 AR-1016-5

R.T.: 5.255 min
Delta R.T.: 0.006 min
Response: 23497771
Conc: 558.96 ng/ml



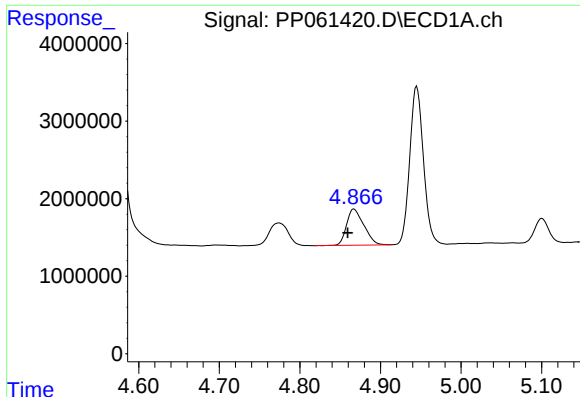
#8 AR-1221-1

R.T.: 4.774 min
Delta R.T.: 0.003 min
Response: 4881995
Conc: 164.36 ng/ml



#8 AR-1221-1

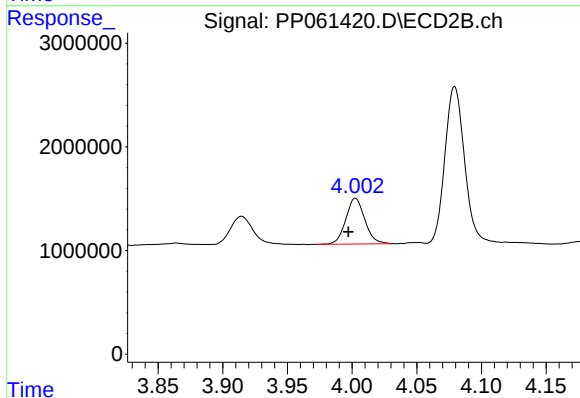
R.T.: 3.915 min
Delta R.T.: 0.004 min
Response: 3174880
Conc: 162.36 ng/ml



#9 AR-1221-2

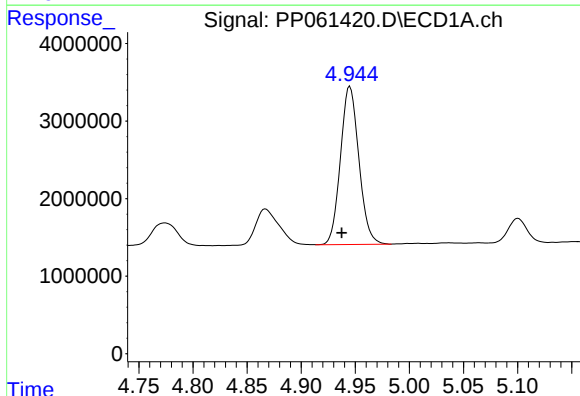
R.T.: 4.867 min
Delta R.T.: 0.008 min
Response: 6979152
Conc: 313.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



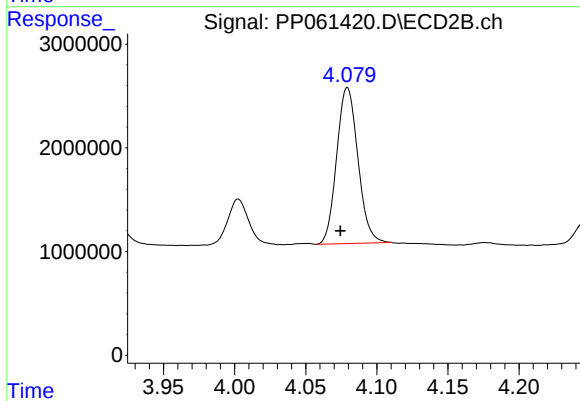
#9 AR-1221-2

R.T.: 4.003 min
Delta R.T.: 0.005 min
Response: 4519075
Conc: 317.35 ng/ml



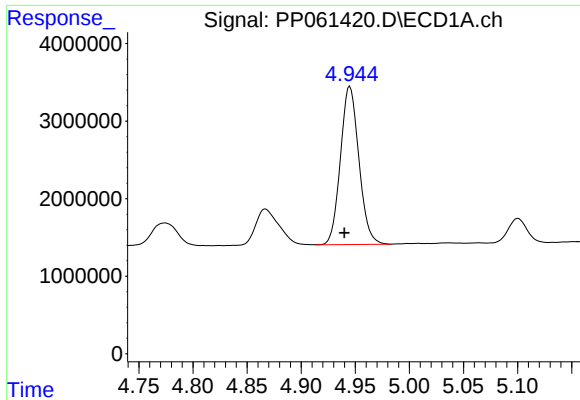
#10 AR-1221-3

R.T.: 4.945 min
Delta R.T.: 0.008 min
Response: 24192828
Conc: 373.38 ng/ml



#10 AR-1221-3

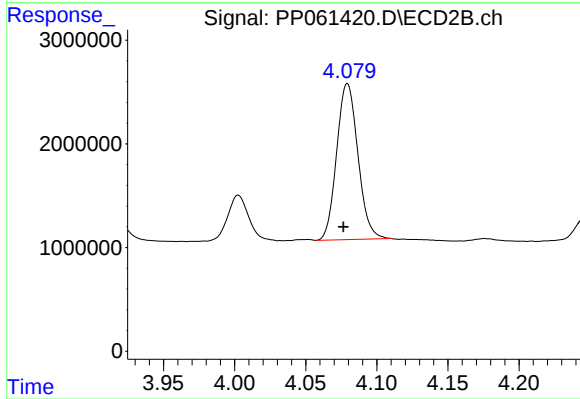
R.T.: 4.079 min
Delta R.T.: 0.005 min
Response: 15642394
Conc: 385.37 ng/ml



#11 AR-1232-1

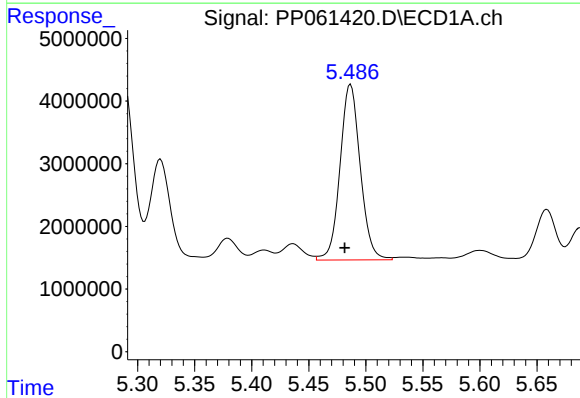
R.T.: 4.945 min
Delta R.T.: 0.005 min
Response: 24192828
Conc: 453.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



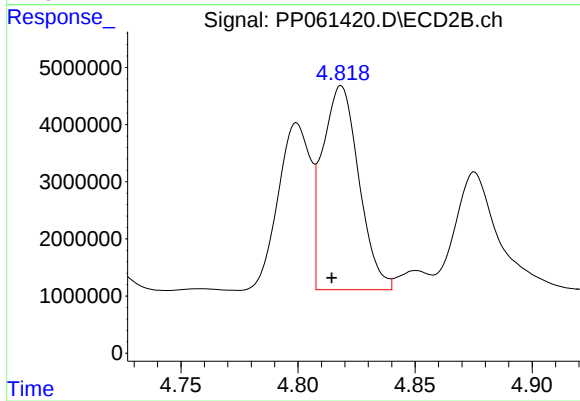
#11 AR-1232-1

R.T.: 4.079 min
Delta R.T.: 0.003 min
Response: 15642394
Conc: 463.23 ng/ml



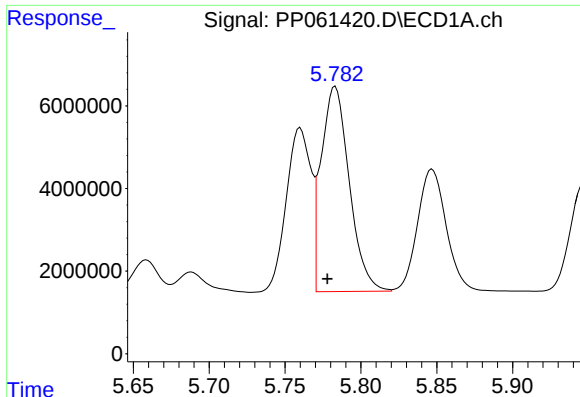
#12 AR-1232-2

R.T.: 5.487 min
Delta R.T.: 0.005 min
Response: 34559814
Conc: 1168.12 ng/ml



#12 AR-1232-2

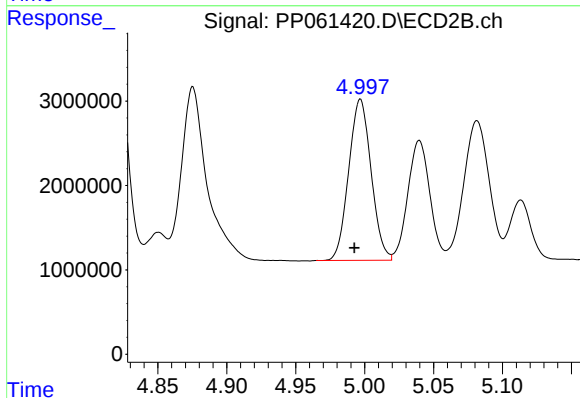
R.T.: 4.818 min
Delta R.T.: 0.004 min
Response: 38579451
Conc: 1207.10 ng/ml



#13 AR-1232-3

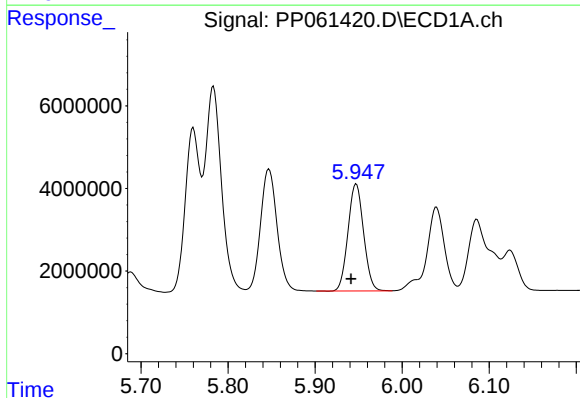
R.T.: 5.783 min
Delta R.T.: 0.005 min
Response: 64020940
Conc: 1284.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



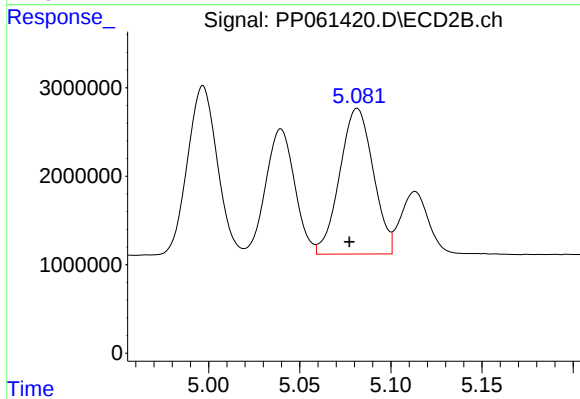
#13 AR-1232-3

R.T.: 4.997 min
Delta R.T.: 0.004 min
Response: 21607228
Conc: 1225.42 ng/ml



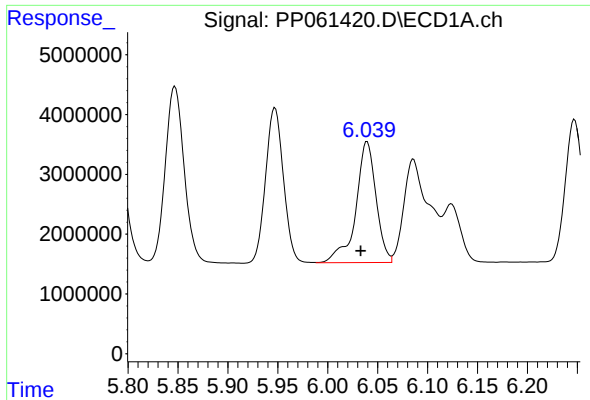
#14 AR-1232-4

R.T.: 5.947 min
Delta R.T.: 0.006 min
Response: 32156715
Conc: 1274.85 ng/ml



#14 AR-1232-4

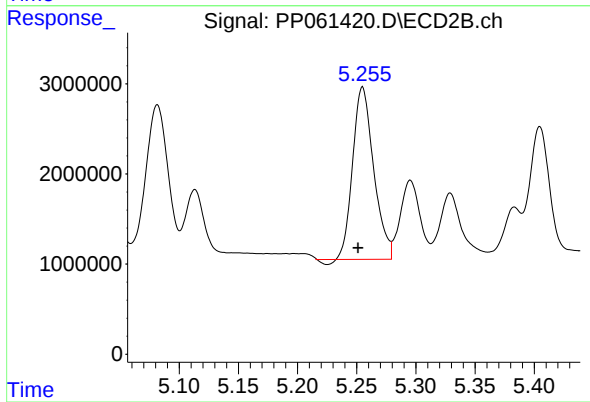
R.T.: 5.082 min
Delta R.T.: 0.004 min
Response: 21100152
Conc: 1323.43 ng/ml



#15 AR-1232-5

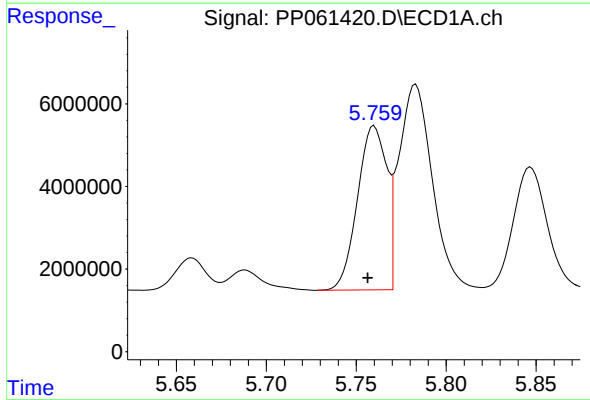
R.T.: 6.039 min
Delta R.T.: 0.007 min
Response: 28540364
Conc: 1321.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



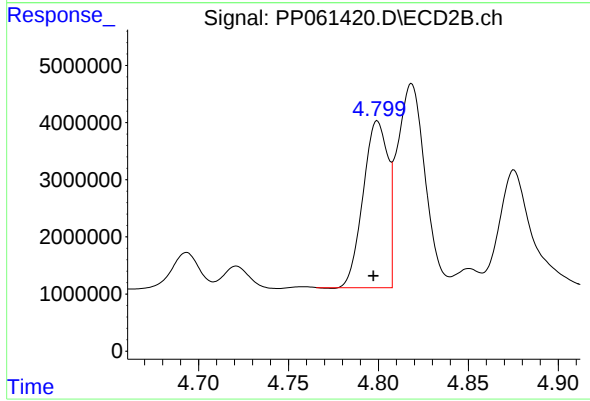
#15 AR-1232-5

R.T.: 5.255 min
Delta R.T.: 0.004 min
Response: 23497771
Conc: 1301.41 ng/ml



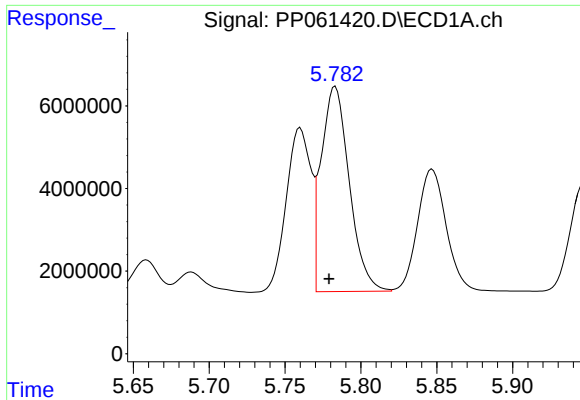
#16 AR-1242-1

R.T.: 5.760 min
Delta R.T.: 0.004 min
Response: 44932581
Conc: 686.87 ng/ml



#16 AR-1242-1

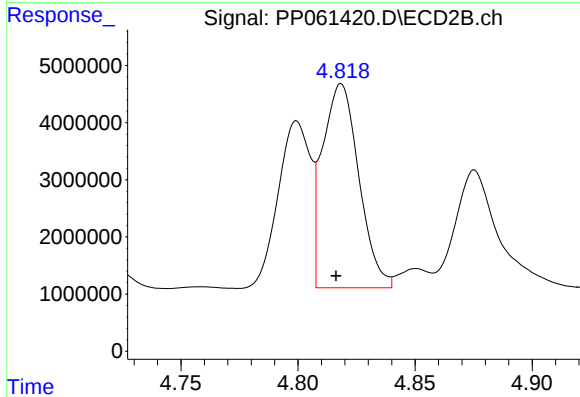
R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 27908902
Conc: 660.07 ng/ml



#17 AR-1242-2

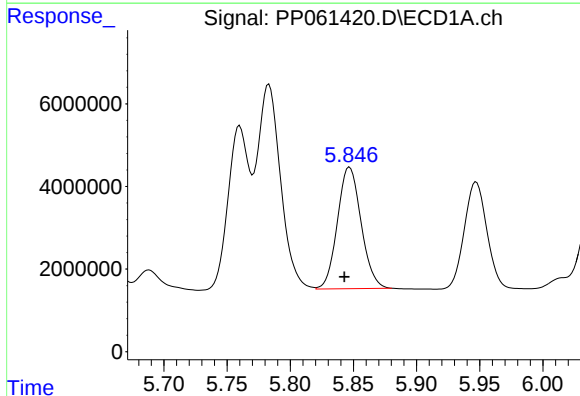
R.T.: 5.783 min
Delta R.T.: 0.004 min
Response: 64020940
Conc: 690.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



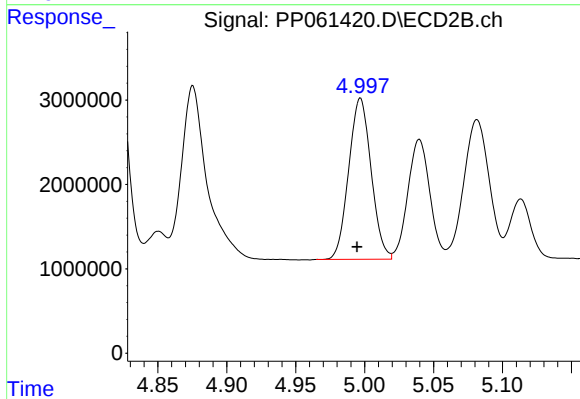
#17 AR-1242-2

R.T.: 4.818 min
Delta R.T.: 0.002 min
Response: 38579451
Conc: 678.61 ng/ml



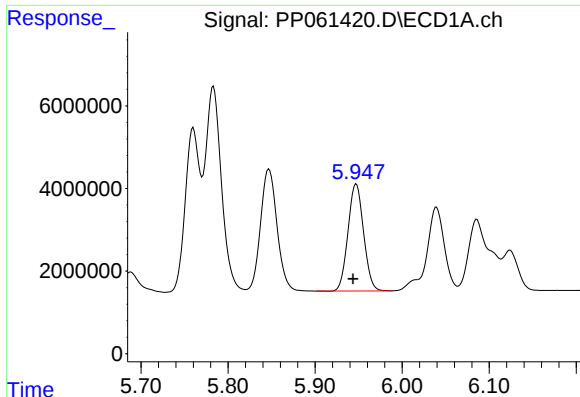
#18 AR-1242-3

R.T.: 5.847 min
Delta R.T.: 0.004 min
Response: 38389417
Conc: 672.59 ng/ml



#18 AR-1242-3

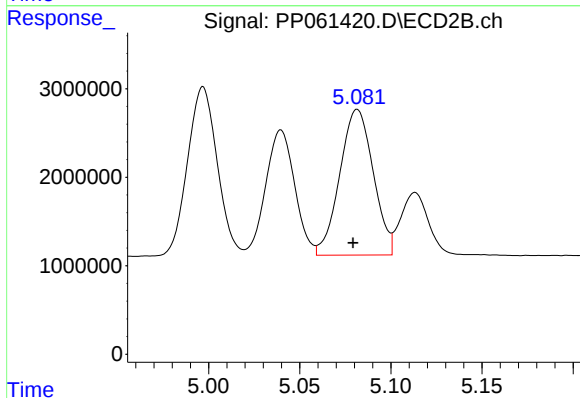
R.T.: 4.997 min
Delta R.T.: 0.002 min
Response: 21607228
Conc: 673.23 ng/ml



#19 AR-1242-4

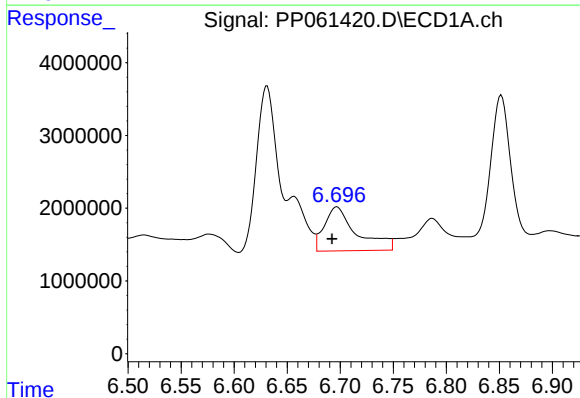
R.T.: 5.947 min
Delta R.T.: 0.004 min
Response: 32156715
Conc: 661.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



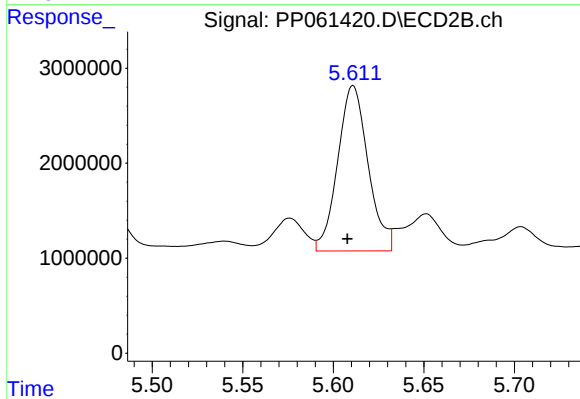
#19 AR-1242-4

R.T.: 5.082 min
Delta R.T.: 0.002 min
Response: 21100152
Conc: 656.05 ng/ml



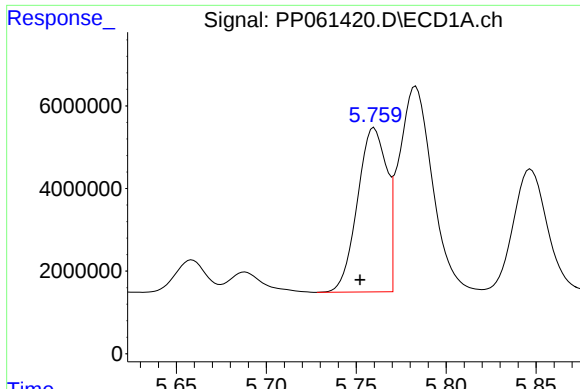
#20 AR-1242-5

R.T.: 6.697 min
Delta R.T.: 0.005 min
Response: 12821180
Conc: 247.87 ng/ml



#20 AR-1242-5

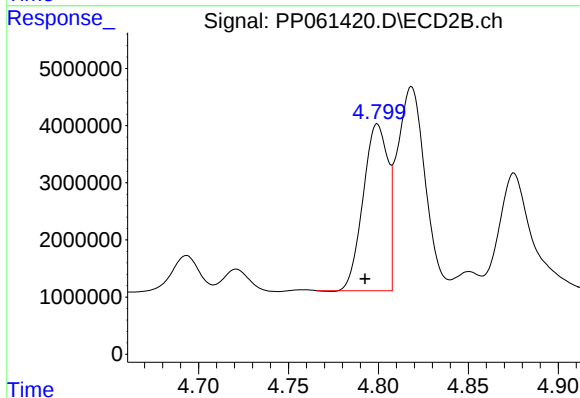
R.T.: 5.611 min
Delta R.T.: 0.003 min
Response: 20309949
Conc: 511.65 ng/ml



#21 AR-1248-1

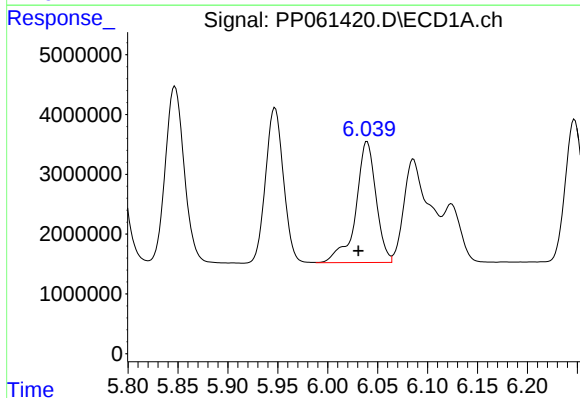
R.T.: 5.760 min
Delta R.T.: 0.008 min
Response: 44932581
Conc: 920.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



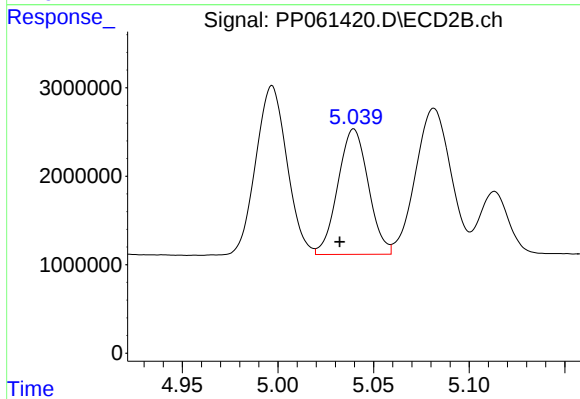
#21 AR-1248-1

R.T.: 4.799 min
Delta R.T.: 0.007 min
Response: 27908902
Conc: 898.06 ng/ml



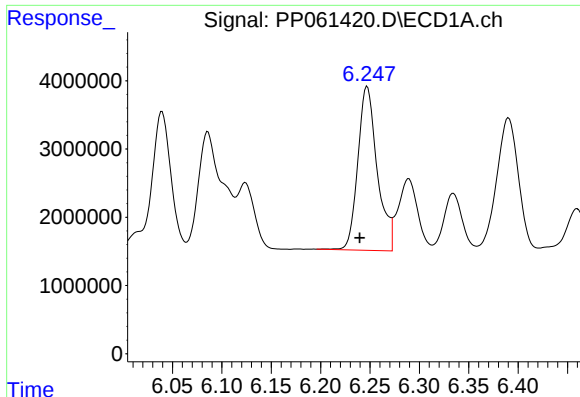
#22 AR-1248-2

R.T.: 6.039 min
Delta R.T.: 0.009 min
Response: 28540364
Conc: 378.73 ng/ml



#22 AR-1248-2

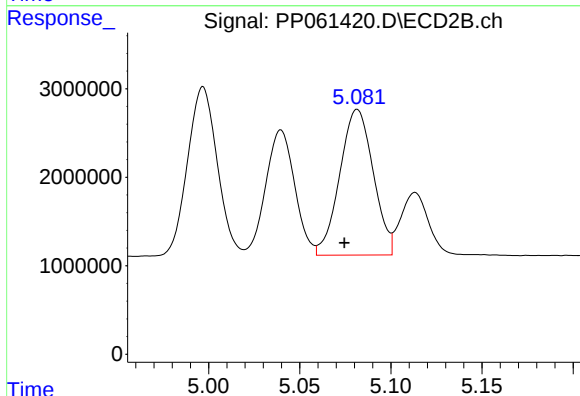
R.T.: 5.040 min
Delta R.T.: 0.007 min
Response: 15731620
Conc: 360.65 ng/ml



#23 AR-1248-3

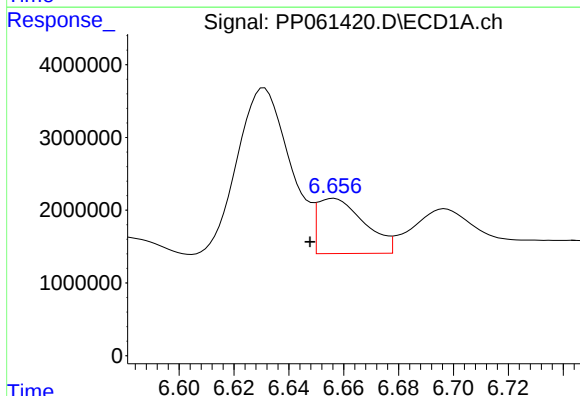
R.T.: 6.247 min
Delta R.T.: 0.008 min
Response: 32748347
Conc: 392.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



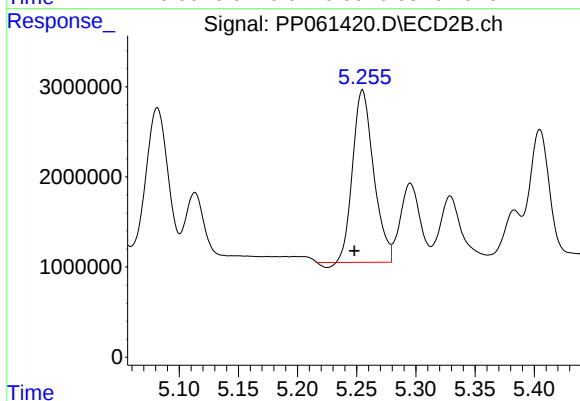
#23 AR-1248-3

R.T.: 5.082 min
Delta R.T.: 0.007 min
Response: 21100152
Conc: 454.00 ng/ml



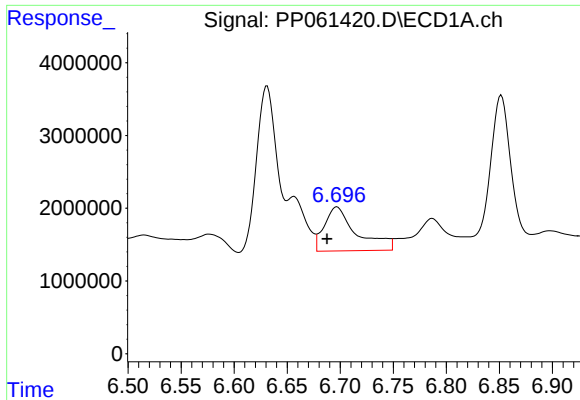
#24 AR-1248-4

R.T.: 6.656 min
Delta R.T.: 0.009 min
Response: 8969436
Conc: 101.75 ng/ml



#24 AR-1248-4

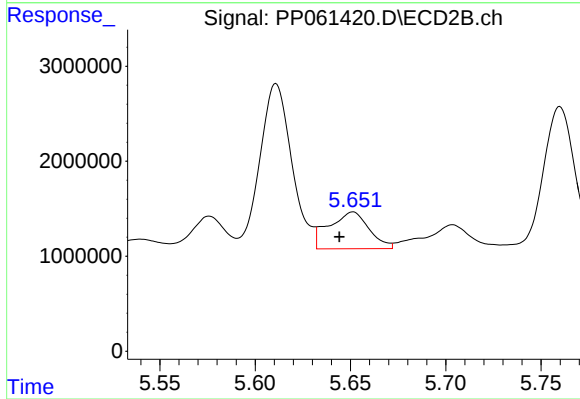
R.T.: 5.255 min
Delta R.T.: 0.007 min
Response: 23497771
Conc: 421.69 ng/ml



#25 AR-1248-5

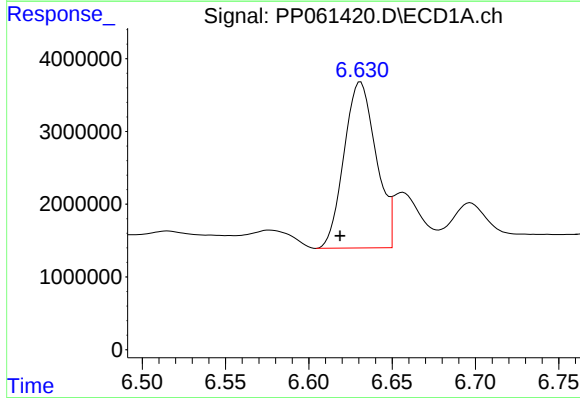
R.T.: 6.697 min
Delta R.T.: 0.009 min
Response: 12821180
Conc: 151.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



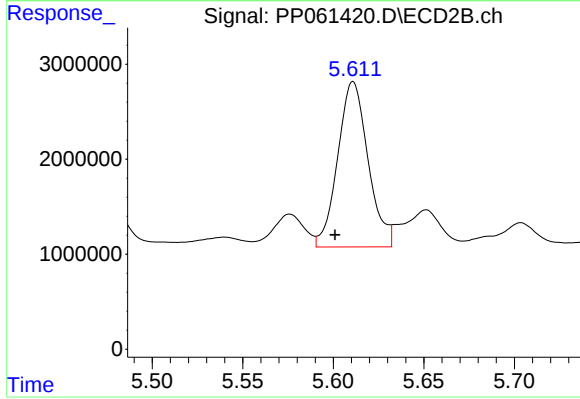
#25 AR-1248-5

R.T.: 5.651 min
Delta R.T.: 0.007 min
Response: 5683665
Conc: 109.23 ng/ml



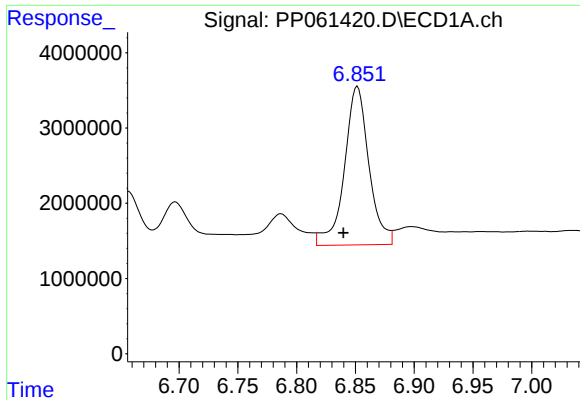
#26 AR-1254-1

R.T.: 6.631 min
Delta R.T.: 0.012 min
Response: 30549814
Conc: 344.95 ng/ml



#26 AR-1254-1

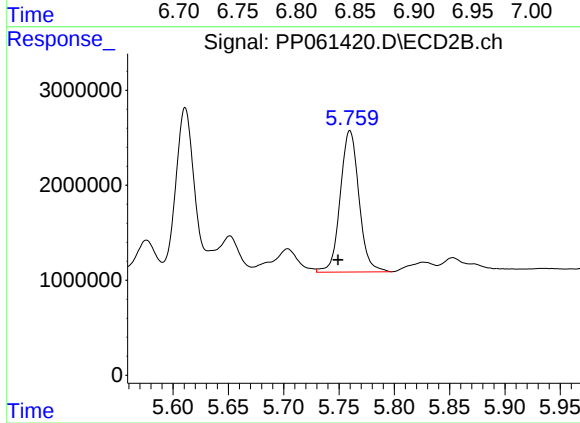
R.T.: 5.611 min
Delta R.T.: 0.010 min
Response: 20309949
Conc: 257.73 ng/ml



#27 AR-1254-2

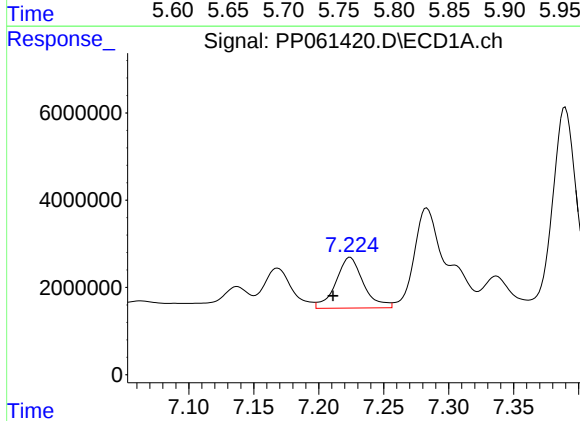
R.T.: 6.852 min
Delta R.T.: 0.012 min
Response: 30636644
Conc: 229.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



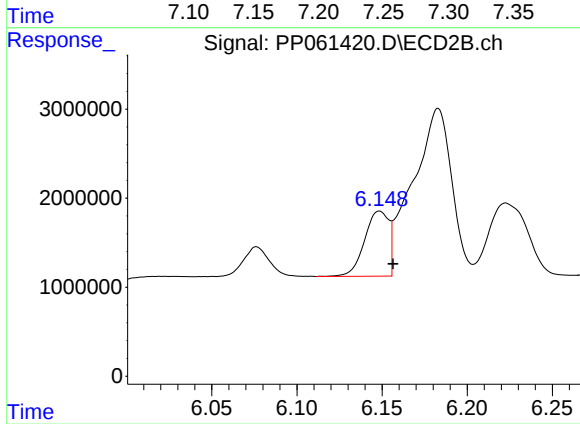
#27 AR-1254-2

R.T.: 5.760 min
Delta R.T.: 0.011 min
Response: 17552345
Conc: 251.31 ng/ml



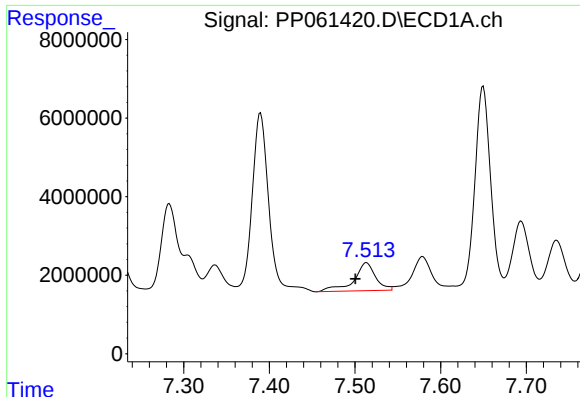
#28 AR-1254-3

R.T.: 7.224 min
Delta R.T.: 0.013 min
Response: 17164011
Conc: 124.10 ng/ml



#28 AR-1254-3

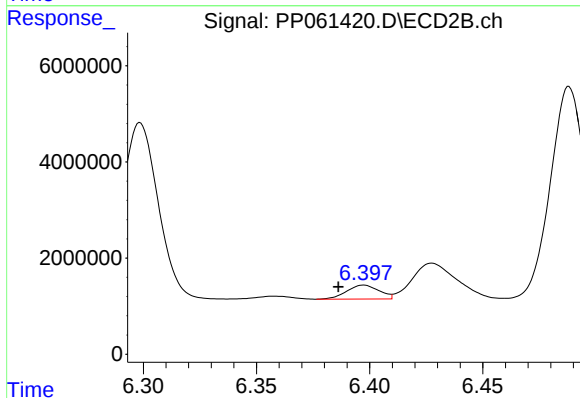
R.T.: 6.149 min
Delta R.T.: -0.008 min
Response: 7233442
Conc: 63.76 ng/ml



#29 AR-1254-4

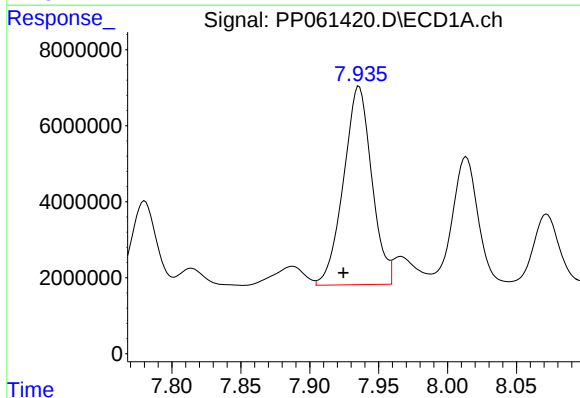
R.T.: 7.513 min
Delta R.T.: 0.013 min
Response: 12535606
Conc: 125.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



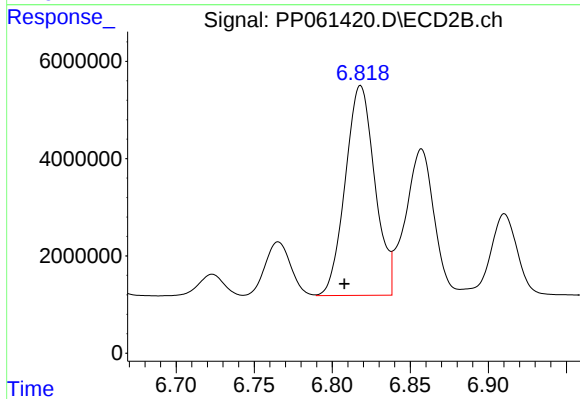
#29 AR-1254-4

R.T.: 6.397 min
Delta R.T.: 0.011 min
Response: 2856539
Conc: 41.10 ng/ml



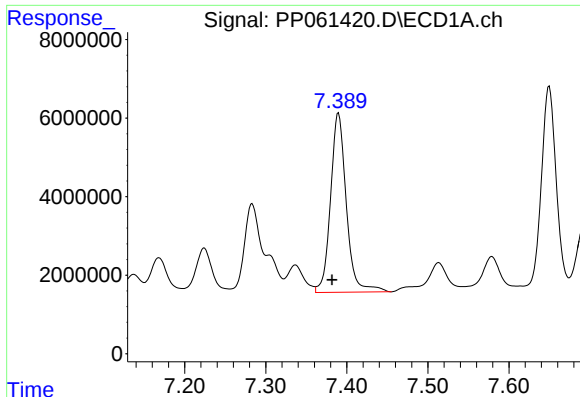
#30 AR-1254-5

R.T.: 7.936 min
Delta R.T.: 0.011 min
Response: 74295698
Conc: 675.09 ng/ml



#30 AR-1254-5

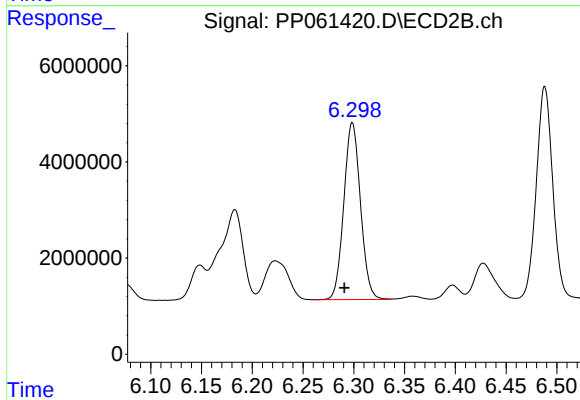
R.T.: 6.818 min
Delta R.T.: 0.010 min
Response: 56855770
Conc: 537.34 ng/ml



#31 AR-1260-1

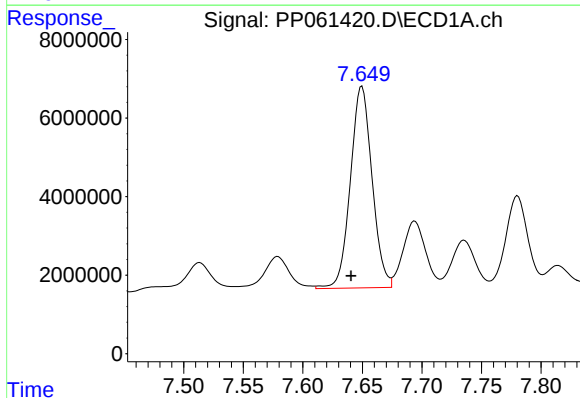
R.T.: 7.390 min
Delta R.T.: 0.008 min
Response: 61829604
Conc: 549.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



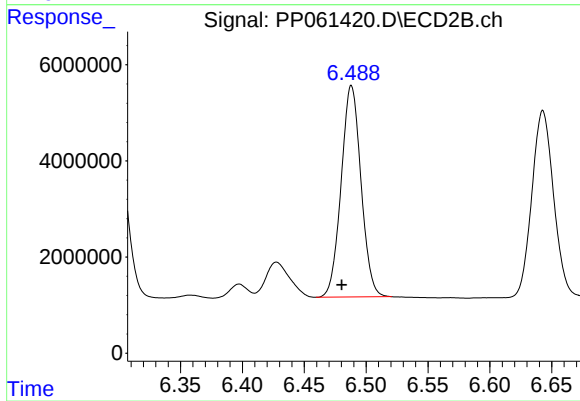
#31 AR-1260-1

R.T.: 6.299 min
Delta R.T.: 0.008 min
Response: 42065782
Conc: 517.01 ng/ml



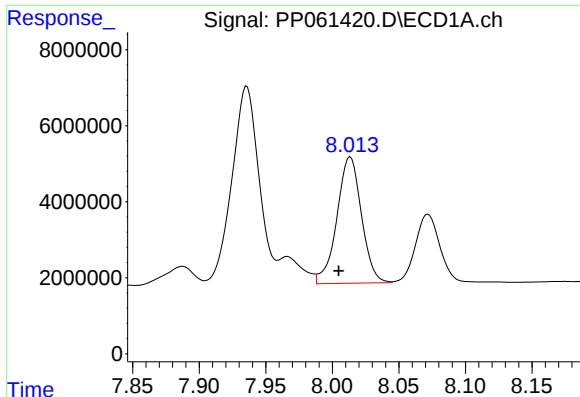
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.009 min
Response: 65114379
Conc: 503.32 ng/ml



#32 AR-1260-2

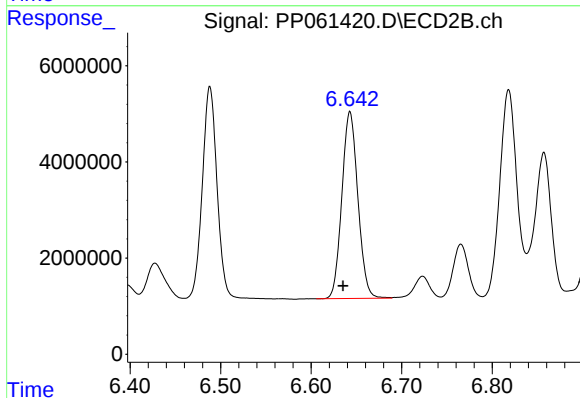
R.T.: 6.488 min
Delta R.T.: 0.008 min
Response: 49122556
Conc: 503.66 ng/ml



#33 AR-1260-3

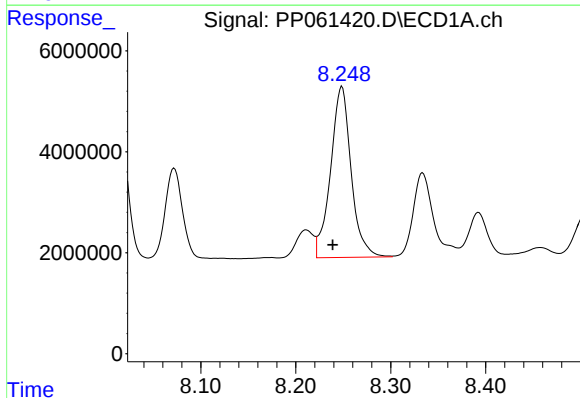
R.T.: 8.014 min
Delta R.T.: 0.009 min
Response: 42657453
Conc: 502.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



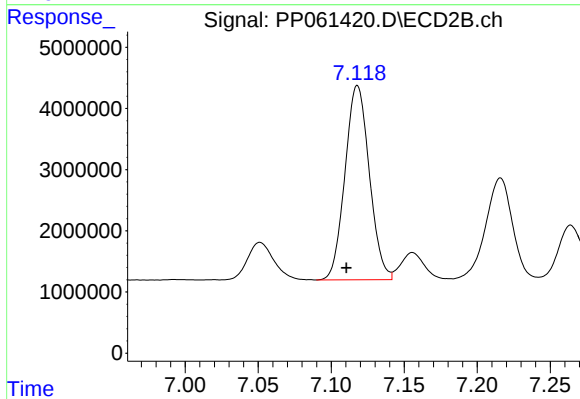
#33 AR-1260-3

R.T.: 6.643 min
Delta R.T.: 0.008 min
Response: 47747922
Conc: 515.92 ng/ml



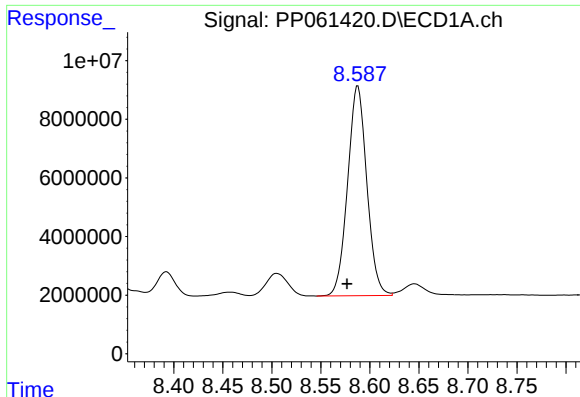
#34 AR-1260-4

R.T.: 8.249 min
Delta R.T.: 0.010 min
Response: 51000497
Conc: 504.56 ng/ml



#34 AR-1260-4

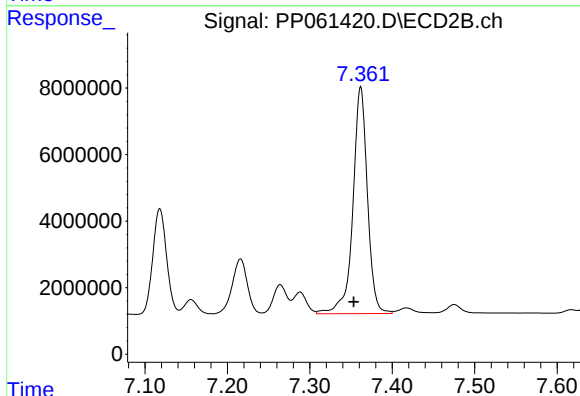
R.T.: 7.118 min
Delta R.T.: 0.007 min
Response: 36896361
Conc: 503.19 ng/ml



#35 AR-1260-5

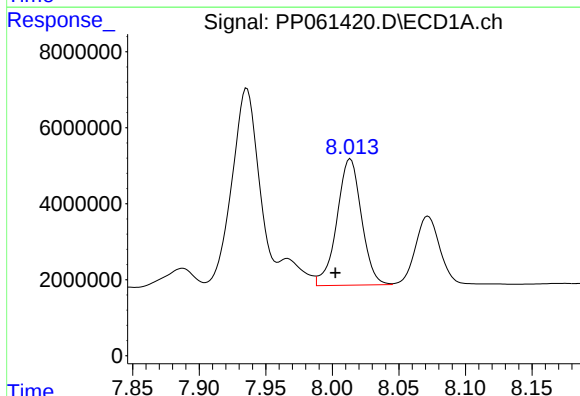
R.T.: 8.588 min
Delta R.T.: 0.011 min
Response: 97523725
Conc: 503.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



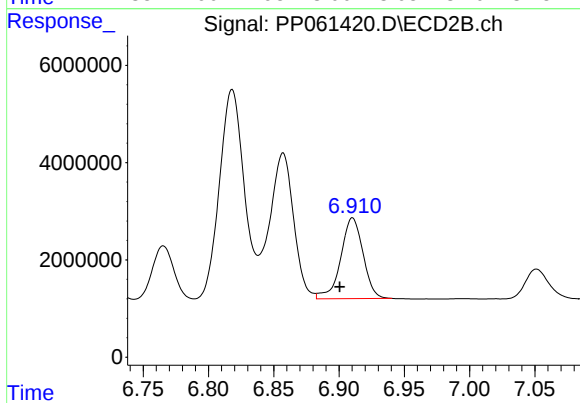
#35 AR-1260-5

R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 83730786
Conc: 490.34 ng/ml



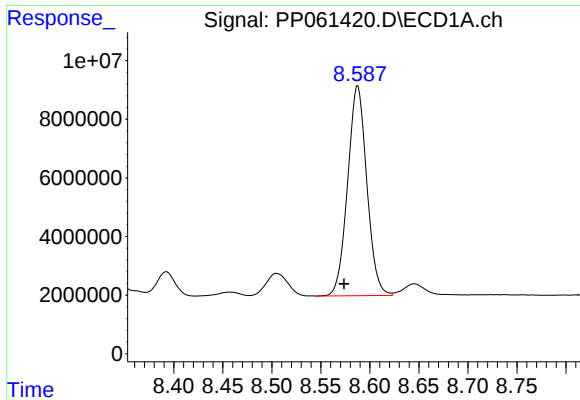
#36 AR-1262-1

R.T.: 8.014 min
Delta R.T.: 0.011 min
Response: 42657453
Conc: 320.81 ng/ml



#36 AR-1262-1

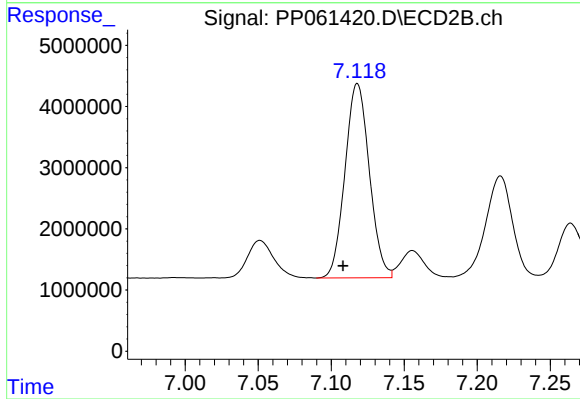
R.T.: 6.910 min
Delta R.T.: 0.010 min
Response: 19790028
Conc: 439.07 ng/ml



#37 AR-1262-2

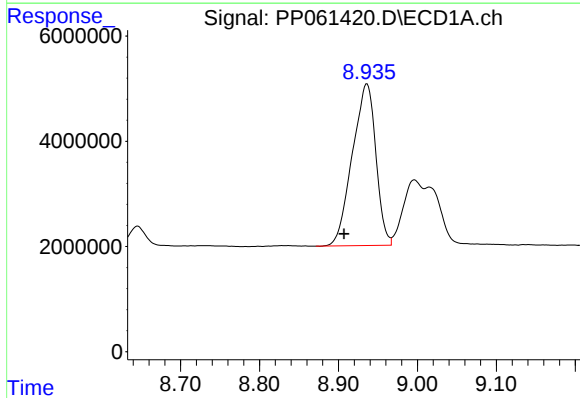
R.T.: 8.588 min
Delta R.T.: 0.014 min
Response: 97523725
Conc: 417.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



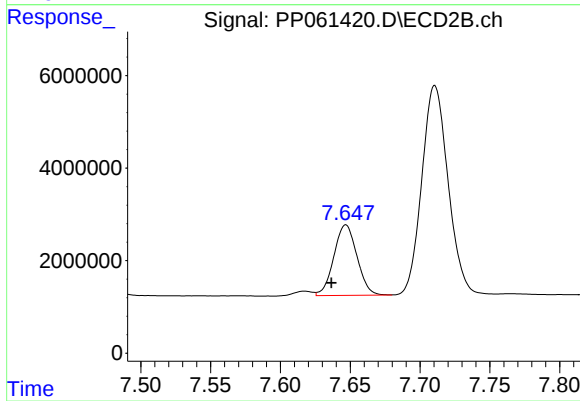
#37 AR-1262-2

R.T.: 7.118 min
Delta R.T.: 0.010 min
Response: 36896361
Conc: 368.61 ng/ml



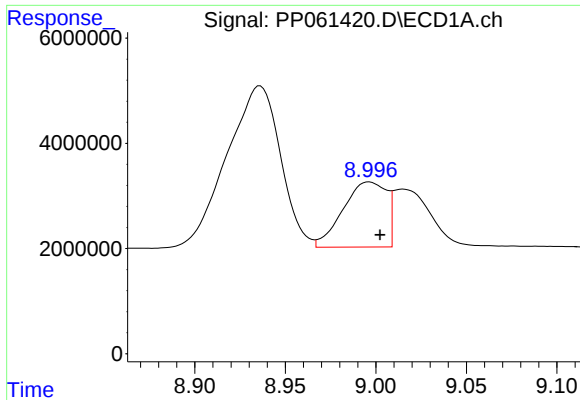
#38 AR-1262-3

R.T.: 8.936 min
Delta R.T.: 0.029 min
Response: 63648137
Conc: 400.90 ng/ml



#38 AR-1262-3

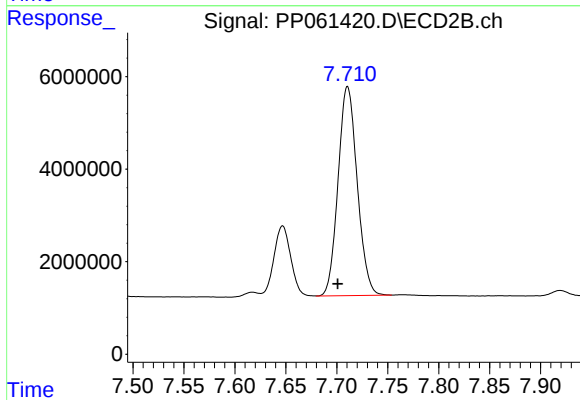
R.T.: 7.647 min
Delta R.T.: 0.010 min
Response: 17554386
Conc: 220.58 ng/ml



#39 AR-1262-4

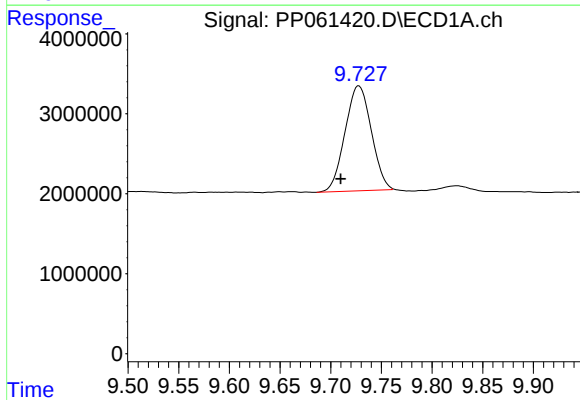
R.T.: 8.996 min
Delta R.T.: -0.006 min
Response: 20693381
Conc: 171.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



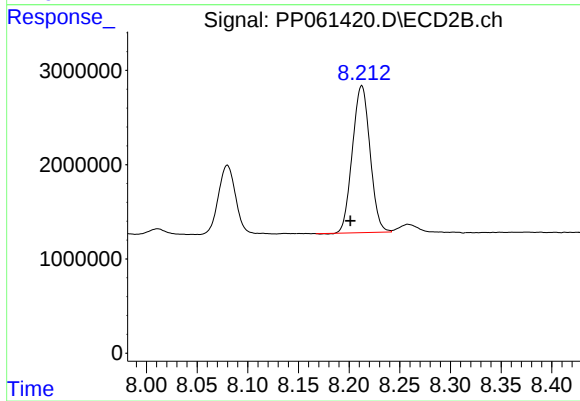
#39 AR-1262-4

R.T.: 7.711 min
Delta R.T.: 0.010 min
Response: 59061073
Conc: 408.80 ng/ml



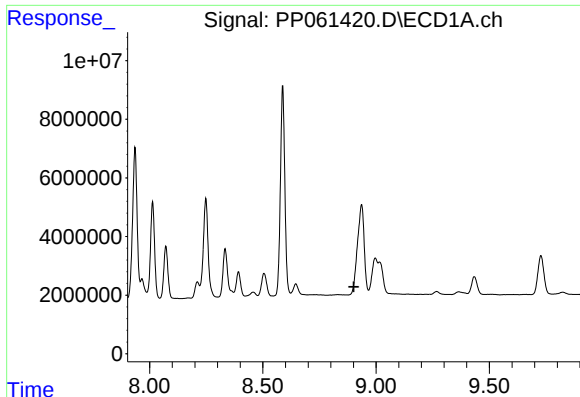
#40 AR-1262-5

R.T.: 9.728 min
Delta R.T.: 0.018 min
Response: 23710571
Conc: 291.62 ng/ml



#40 AR-1262-5

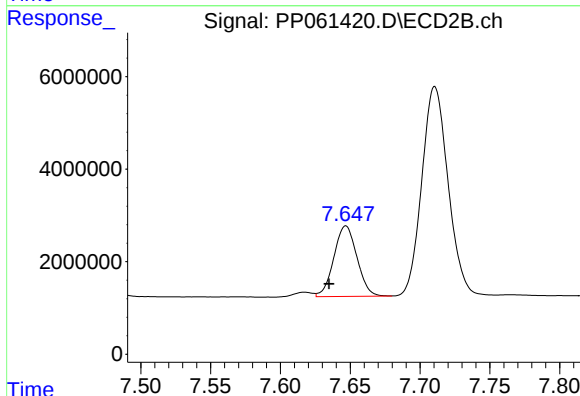
R.T.: 8.213 min
Delta R.T.: 0.011 min
Response: 18875522
Conc: 273.08 ng/ml



#41 AR-1268-1

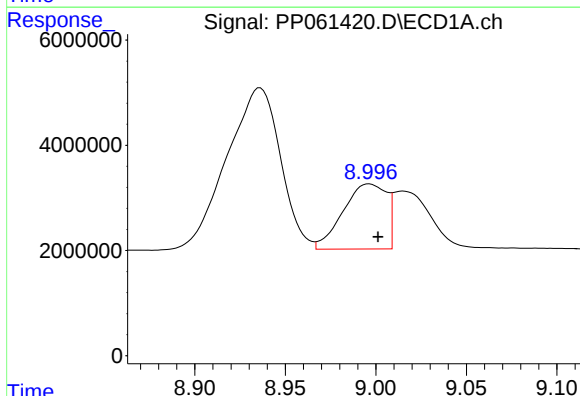
R.T.: 0.000 min
Exp R.T.: 8.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



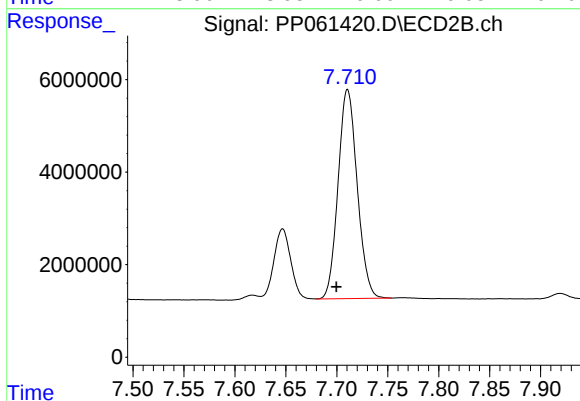
#41 AR-1268-1

R.T.: 7.647 min
Delta R.T.: 0.012 min
Response: 17554386
Conc: 75.39 ng/ml



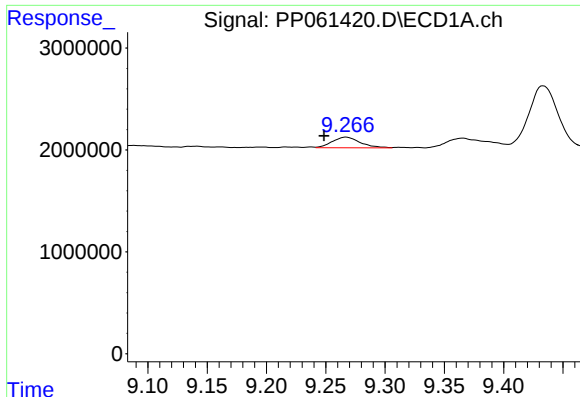
#42 AR-1268-2

R.T.: 8.996 min
Delta R.T.: -0.005 min
Response: 20693381
Conc: 79.13 ng/ml



#42 AR-1268-2

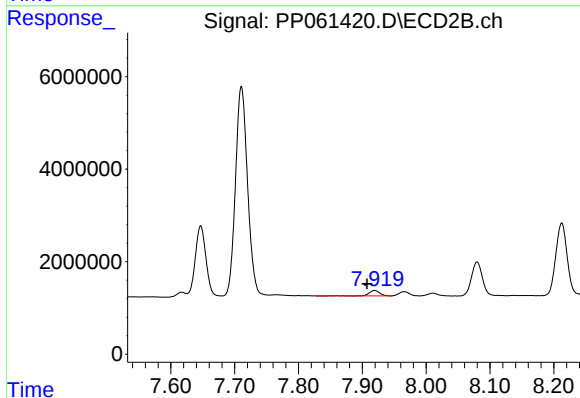
R.T.: 7.711 min
Delta R.T.: 0.011 min
Response: 59061073
Conc: 281.43 ng/ml



#43 AR-1268-3

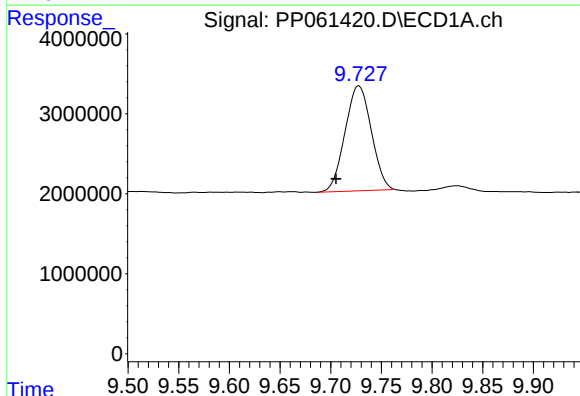
R.T.: 9.267 min
Delta R.T.: 0.018 min
Response: 1708765
Conc: 7.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



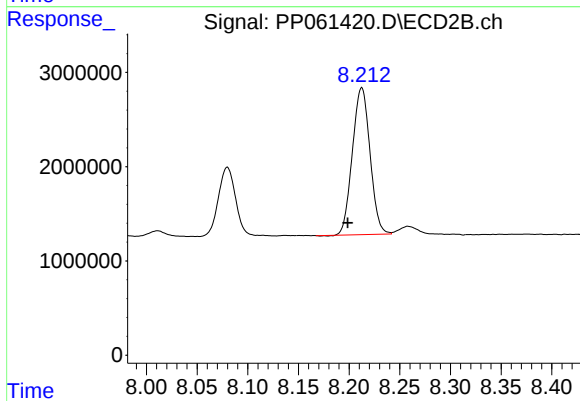
#43 AR-1268-3

R.T.: 7.919 min
Delta R.T.: 0.011 min
Response: 1417727
Conc: 7.72 ng/ml



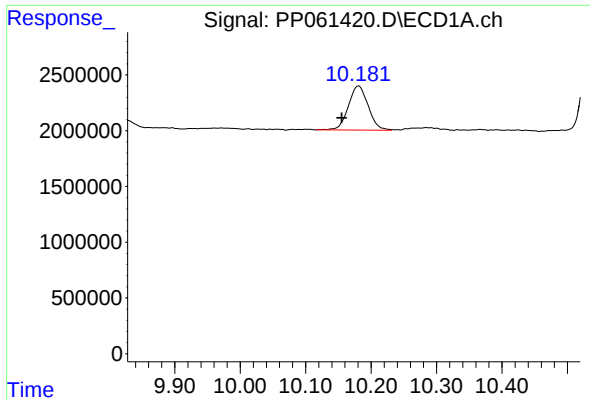
#44 AR-1268-4

R.T.: 9.728 min
Delta R.T.: 0.023 min
Response: 23710571
Conc: 261.92 ng/ml



#44 AR-1268-4

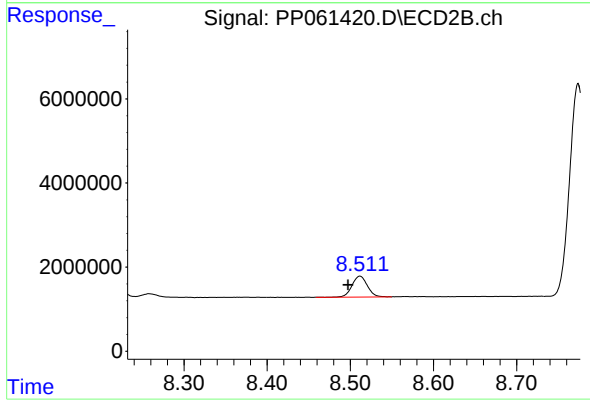
R.T.: 8.213 min
Delta R.T.: 0.014 min
Response: 18875522
Conc: 244.19 ng/ml



#45 AR-1268-5

R.T.: 10.181 min
Delta R.T.: 0.026 min
Response: 8304791
Conc: 11.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.512 min
Delta R.T.: 0.014 min
Response: 6334285
Conc: 11.17 ng/ml