

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072122\
 Data File : P0088227.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 09:56
 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: Jul 21 17:32:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 2022
 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...	4.452	3.606	141.2E6	49209437	55.349	52.157
2)	SA Decachlor...	10.306	8.607	103.8E6	52875363	48.890	50.597
Target Compounds							
3)	L1 AR-1016-1	5.630	4.684	47209094	19586036	538.281	544.355
4)	L1 AR-1016-2	5.652	4.703	67387846	27490299	537.111	538.025
5)	L1 AR-1016-3	5.715	4.878	42045860	15356498	542.047	553.162
6)	L1 AR-1016-4	5.814	4.921	33958671	12661061	550.627	544.288
7)	L1 AR-1016-5	6.111	5.134	33684331	16638762	542.740	562.212
8)	L2 AR-1221-1	4.656	3.816	5011176	1746792	165.614	166.972
9)	L2 AR-1221-2	4.748	3.902	7157952	2595507	322.928	327.271
10)	L2 AR-1221-3	4.824	3.977	26271110	9673867	381.221	377.593
11)	L3 AR-1232-1	4.824	3.977	26271110	9673867	505.548	500.051
12)	L3 AR-1232-2	5.164	4.703	37235944	27490299	1452.435	1393.931
13)	L3 AR-1232-3	5.652	4.878	67387846	15356498	1401.335	1508.109
14)	L3 AR-1232-4	5.814	4.962	33958671	15631310	1460.210	1609.143
15)	L3 AR-1232-5	5.905	5.134	31045629	16638762	1597.887	1529.863
16)	L4 AR-1242-1	5.630	4.684	47209094	19586036	691.514	673.217
17)	L4 AR-1242-2	5.652	4.703	67387846	27490299	695.683	678.745
18)	L4 AR-1242-3	5.715	4.878	42045860	15356498	692.994	695.008
19)	L4 AR-1242-4	5.814	4.962	33958671	15631310	705.024	668.535
20)	L4 AR-1242-5	6.556	5.486	4743285	12377910	90.068	461.847 #
21)	L5 AR-1248-1	5.630	4.684	47209094	19586036	883.596	855.051
22)	L5 AR-1248-2	5.905	4.921	31045629	12661061	399.558	375.338
23)	L5 AR-1248-3	6.111	4.962	33684331	15631310	402.395	449.779
24)	L5 AR-1248-4	6.516	5.134	5022877	16638762	54.651	397.439 #
25)	L5 AR-1248-5	6.556	5.526	4743285	1723057	52.740	47.824
26)	L6 AR-1254-1	6.490	5.486	24740859	12377910	260.943	214.689
27)	L6 AR-1254-2	6.710	5.634	26513405	11536992	184.687	225.001
28)	L6 AR-1254-3	7.080	6.052	14246791	20450145	97.263	252.005 #
29)	L6 AR-1254-4	7.366	6.266	9621873	2271997	88.904	45.555 #
30)	L6 AR-1254-5	7.786	6.683	80282679	40191542	667.058	532.159
31)	L7 AR-1260-1	7.244	6.167	58661804	28948130	504.154	534.117
32)	L7 AR-1260-2	7.501	6.355	68222794	34668249	504.929	533.914
33)	L7 AR-1260-3	7.863	6.508	46289034	32905196	505.612	529.004
34)	L7 AR-1260-4	8.090	6.981	50433406	25320131	466.877	535.307
35)	L7 AR-1260-5	8.420	7.223	94040462	60312846	458.283	527.130
36)	L8 AR-1262-1	7.863	6.774	46289034	13867894	336.974	457.543 #
37)	L8 AR-1262-2	8.420	7.223	94040462	60312846	399.602	448.875
38)	L8 AR-1262-3	8.756	7.507	63195383	12506577	381.291	229.329 #
39)	L8 AR-1262-4	8.818	7.570	37414068	44456957	448.177	439.454
40)	L8 AR-1262-5	9.517	8.066	28271353	15020114	317.226	305.821
41)	L9 AR-1268-1	8.756	7.507	63195383	12506577	223.446	78.934 #

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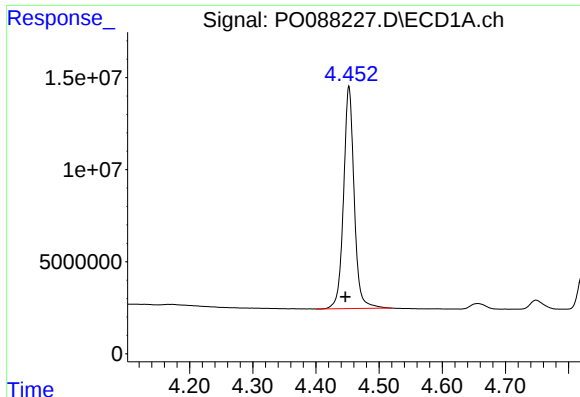
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 17:32:02 2022
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 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	8.818	7.570	37414068	44456957	143.900	309.069 #
43) L9	AR-1268-3	9.074	7.778	1718063	1045697	7.673	8.395
44) L9	AR-1268-4	9.517	8.066	28271353	15020114	288.349	279.974
45) L9	AR-1268-5	9.950	8.355	9154915	4700174	12.602	12.156

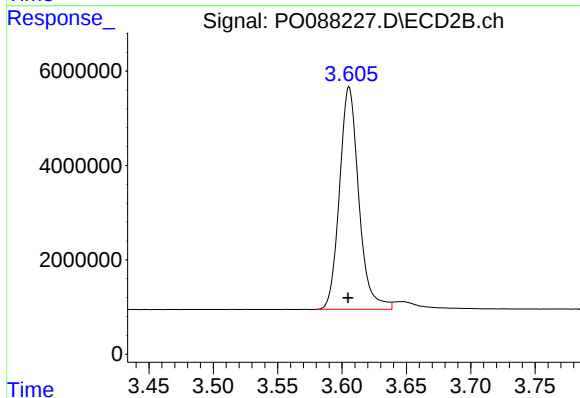
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

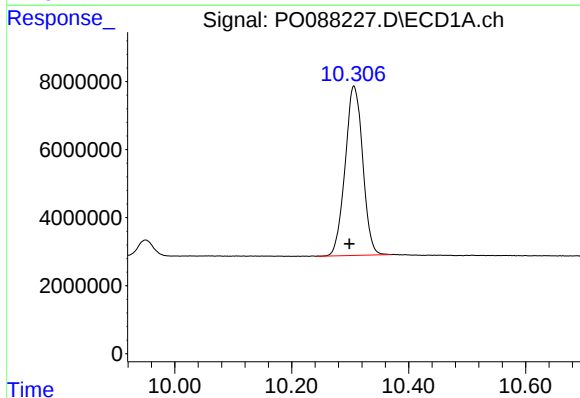
R.T.: 4.452 min
Delta R.T.: 0.005 min
Response: 141205176
Conc: 55.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



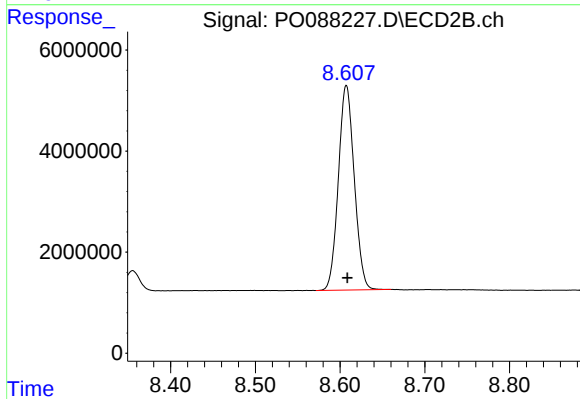
#1 Tetrachloro-m-xylene

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 49209437
Conc: 52.16 ng/ml



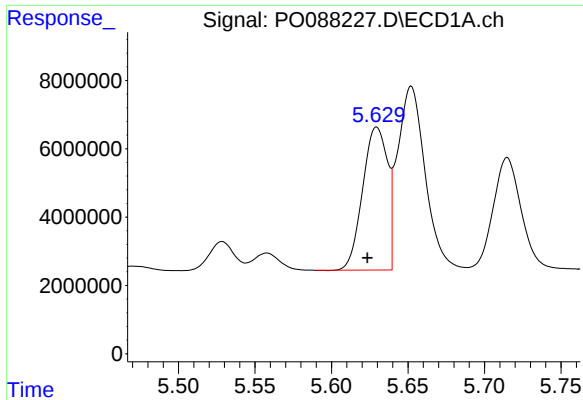
#2 Decachlorobiphenyl

R.T.: 10.306 min
Delta R.T.: 0.008 min
Response: 103827678
Conc: 48.89 ng/ml



#2 Decachlorobiphenyl

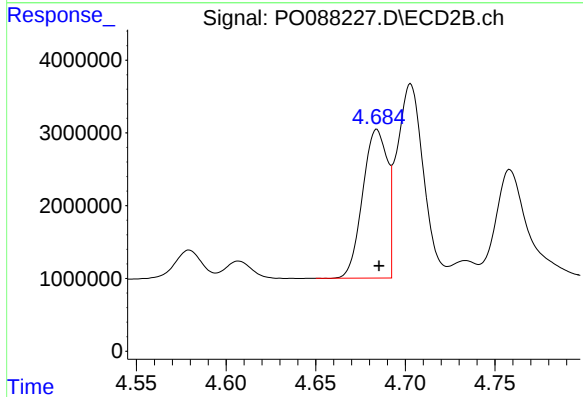
R.T.: 8.607 min
Delta R.T.: -0.001 min
Response: 52875363
Conc: 50.60 ng/ml



#3 AR-1016-1

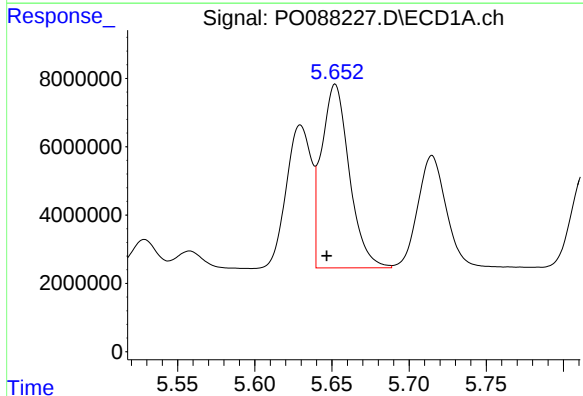
R.T.: 5.630 min
Delta R.T.: 0.006 min
Response: 47209094
Conc: 538.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



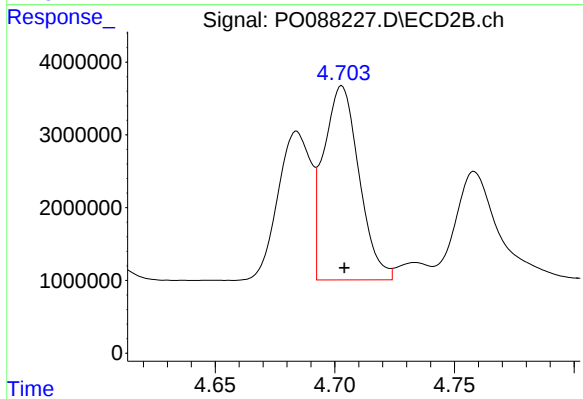
#3 AR-1016-1

R.T.: 4.684 min
Delta R.T.: -0.001 min
Response: 19586036
Conc: 544.35 ng/ml



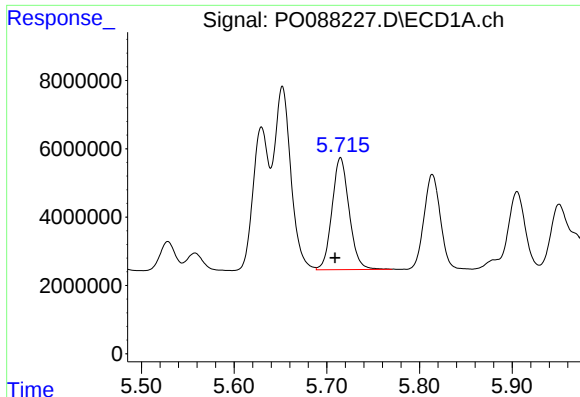
#4 AR-1016-2

R.T.: 5.652 min
Delta R.T.: 0.006 min
Response: 67387846
Conc: 537.11 ng/ml



#4 AR-1016-2

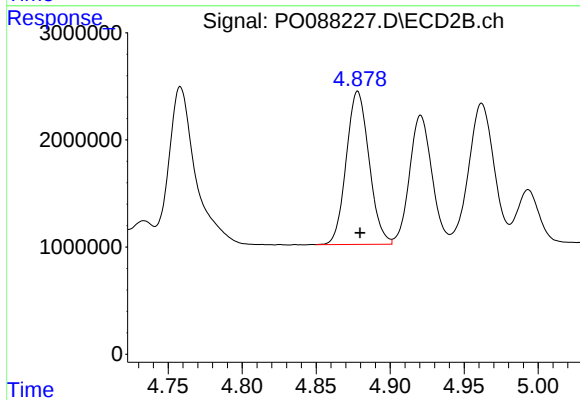
R.T.: 4.703 min
Delta R.T.: -0.001 min
Response: 27490299
Conc: 538.02 ng/ml



#5 AR-1016-3

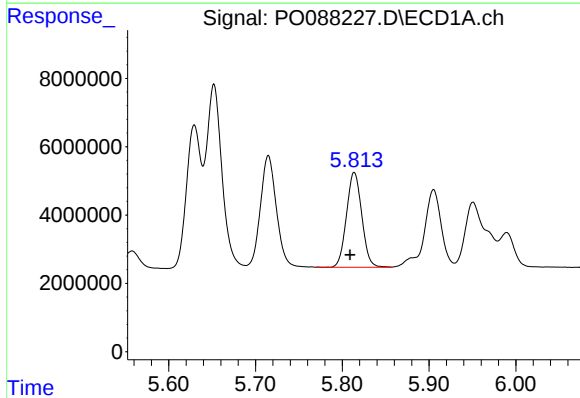
R.T.: 5.715 min
Delta R.T.: 0.006 min
Response: 42045860
Conc: 542.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



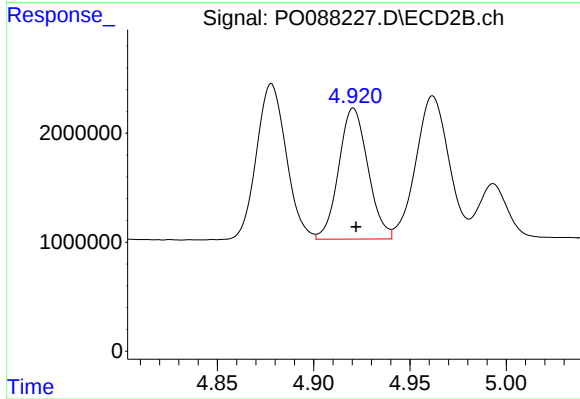
#5 AR-1016-3

R.T.: 4.878 min
Delta R.T.: -0.001 min
Response: 15356498
Conc: 553.16 ng/ml



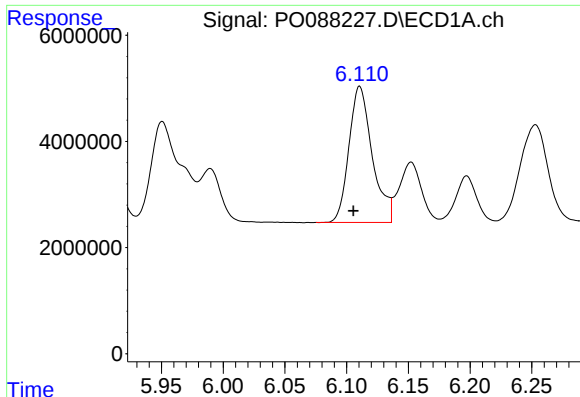
#6 AR-1016-4

R.T.: 5.814 min
Delta R.T.: 0.005 min
Response: 33958671
Conc: 550.63 ng/ml



#6 AR-1016-4

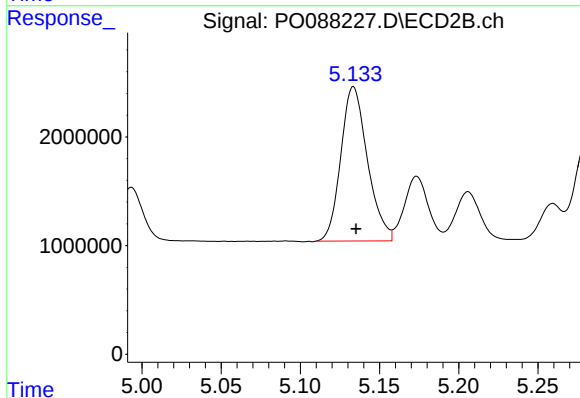
R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 12661061
Conc: 544.29 ng/ml



#7 AR-1016-5

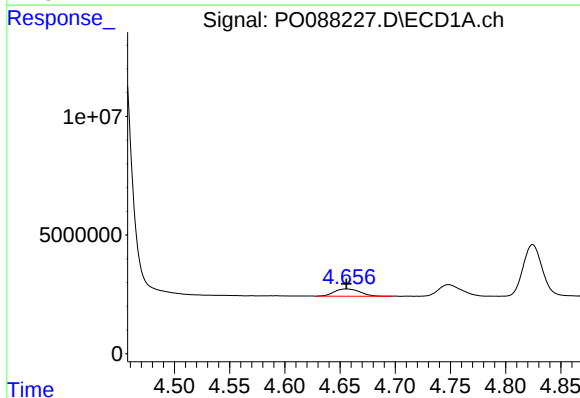
R.T.: 6.111 min
Delta R.T.: 0.005 min
Response: 33684331
Conc: 542.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



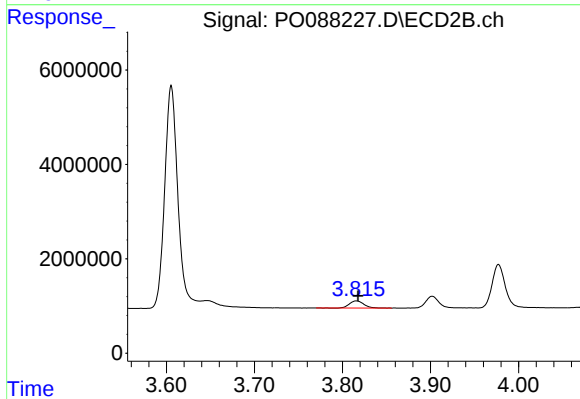
#7 AR-1016-5

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 16638762
Conc: 562.21 ng/ml



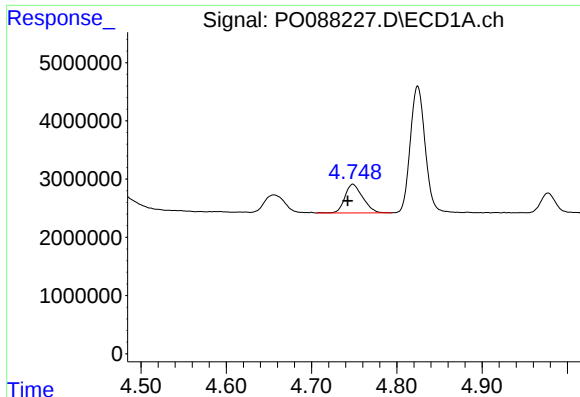
#8 AR-1221-1

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 5011176
Conc: 165.61 ng/ml



#8 AR-1221-1

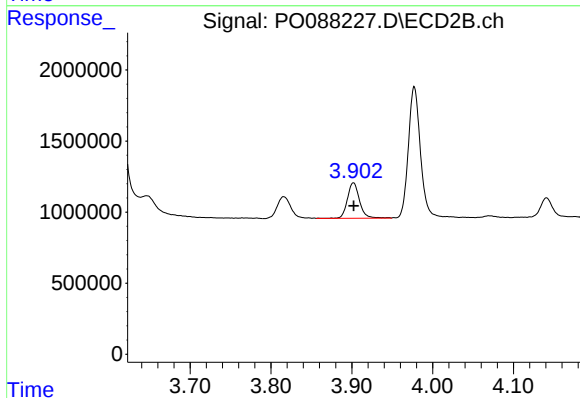
R.T.: 3.816 min
Delta R.T.: -0.002 min
Response: 1746792
Conc: 166.97 ng/ml



#9 AR-1221-2

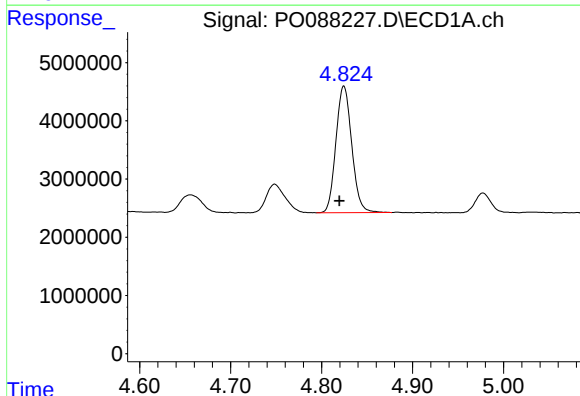
R.T.: 4.748 min
Delta R.T.: 0.006 min
Response: 7157952
Conc: 322.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



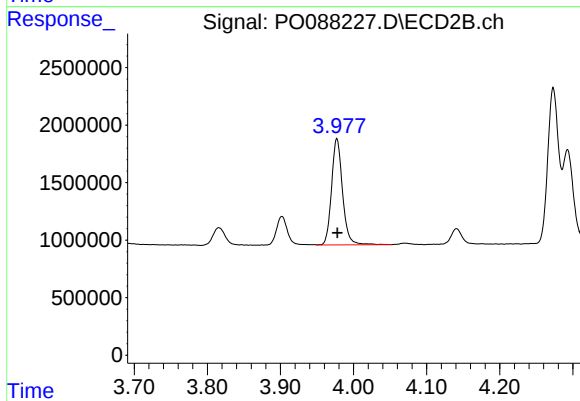
#9 AR-1221-2

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 2595507
Conc: 327.27 ng/ml



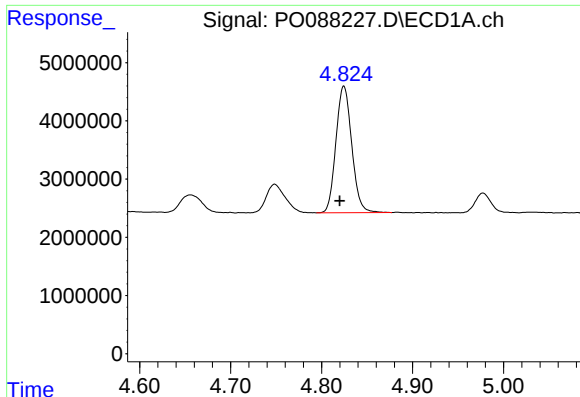
#10 AR-1221-3

R.T.: 4.824 min
Delta R.T.: 0.005 min
Response: 26271110
Conc: 381.22 ng/ml



#10 AR-1221-3

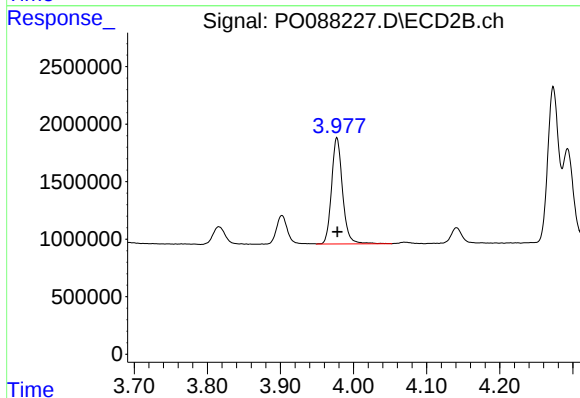
R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 9673867
Conc: 377.59 ng/ml



#11 AR-1232-1

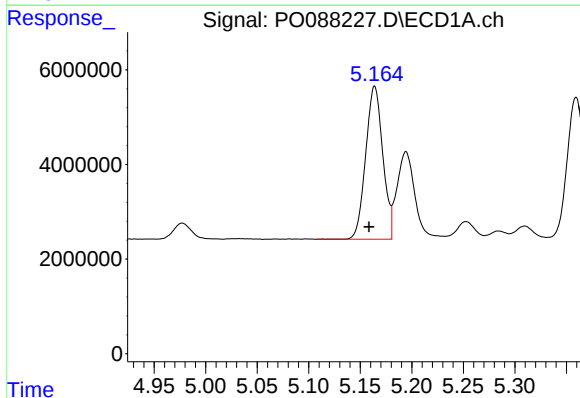
R.T.: 4.824 min
Delta R.T.: 0.005 min
Response: 26271110
Conc: 505.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



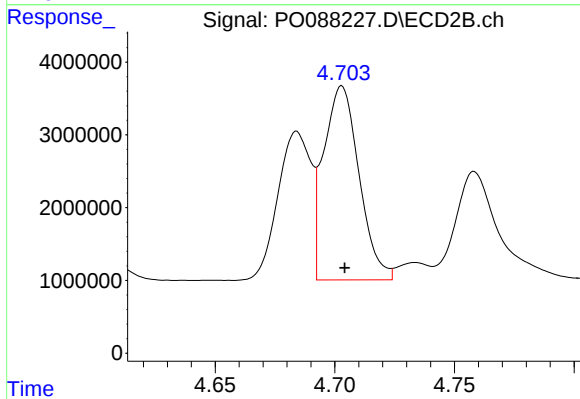
#11 AR-1232-1

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 9673867
Conc: 500.05 ng/ml



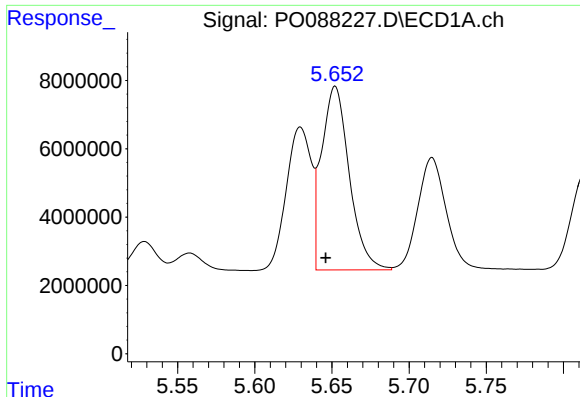
#12 AR-1232-2

R.T.: 5.164 min
Delta R.T.: 0.005 min
Response: 37235944
Conc: 1452.44 ng/ml



#12 AR-1232-2

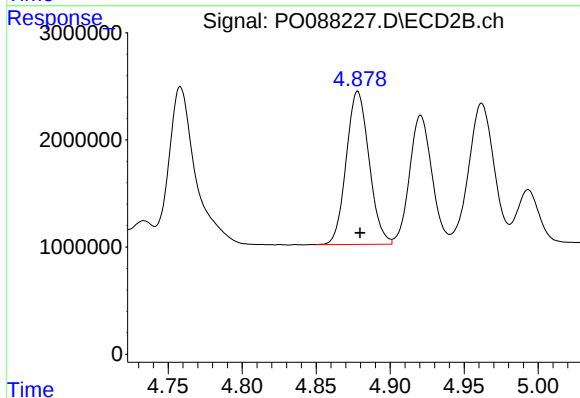
R.T.: 4.703 min
Delta R.T.: -0.001 min
Response: 27490299
Conc: 1393.93 ng/ml



#13 AR-1232-3

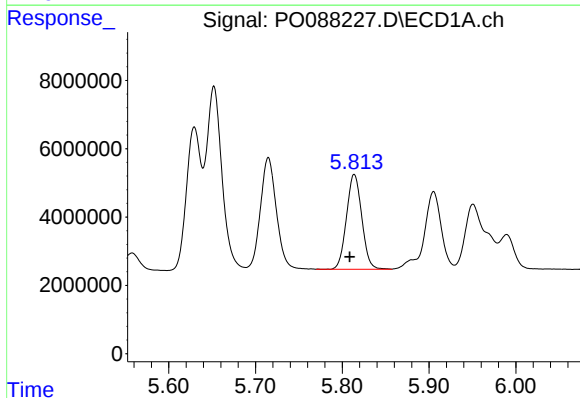
R.T.: 5.652 min
Delta R.T.: 0.006 min
Response: 67387846
Conc: 1401.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



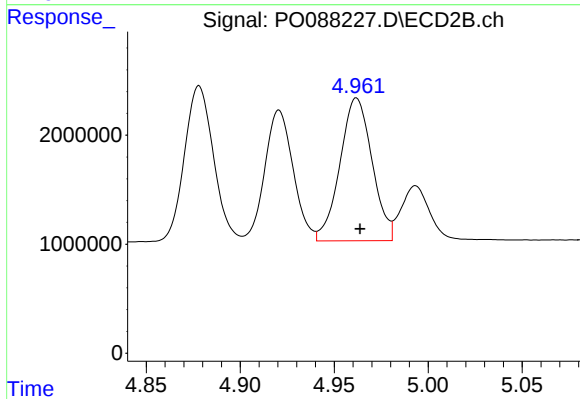
#13 AR-1232-3

R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 15356498
Conc: 1508.11 ng/ml



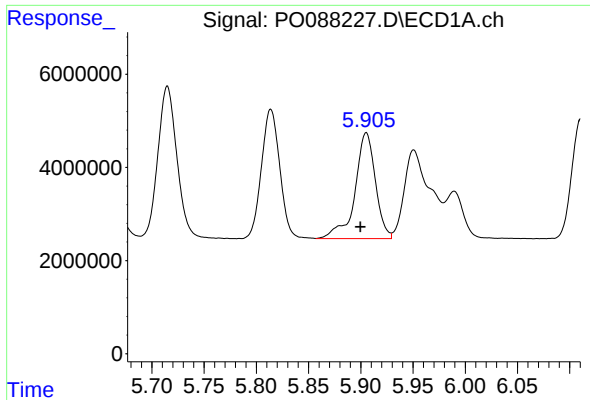
#14 AR-1232-4

R.T.: 5.814 min
Delta R.T.: 0.005 min
Response: 33958671
Conc: 1460.21 ng/ml



#14 AR-1232-4

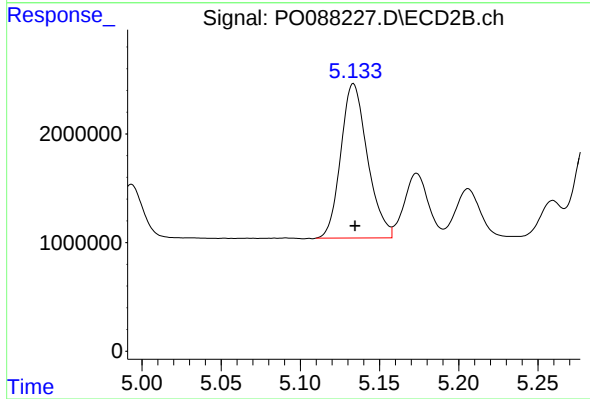
R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 15631310
Conc: 1609.14 ng/ml



#15 AR-1232-5

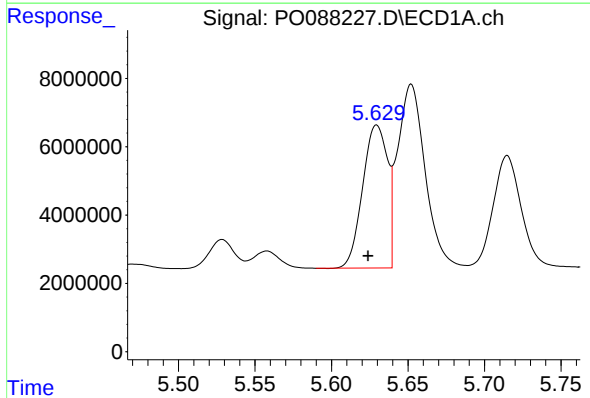
R.T.: 5.905 min
Delta R.T.: 0.006 min
Response: 31045629
Conc: 1597.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



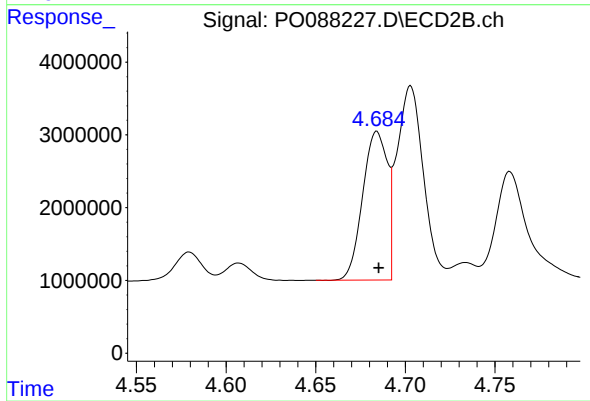
#15 AR-1232-5

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 16638762
Conc: 1529.86 ng/ml



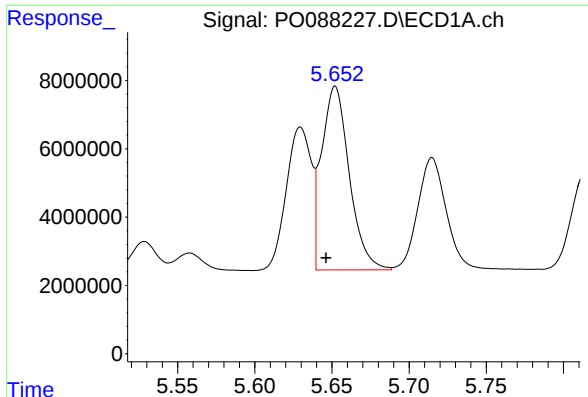
#16 AR-1242-1

R.T.: 5.630 min
Delta R.T.: 0.006 min
Response: 47209094
Conc: 691.51 ng/ml



#16 AR-1242-1

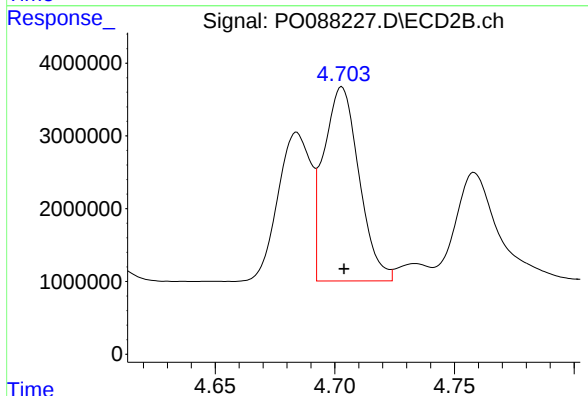
R.T.: 4.684 min
Delta R.T.: -0.001 min
Response: 19586036
Conc: 673.22 ng/ml



#17 AR-1242-2

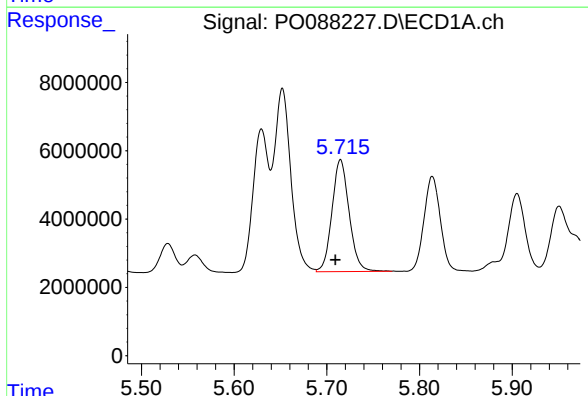
R.T.: 5.652 min
Delta R.T.: 0.006 min
Response: 67387846
Conc: 695.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



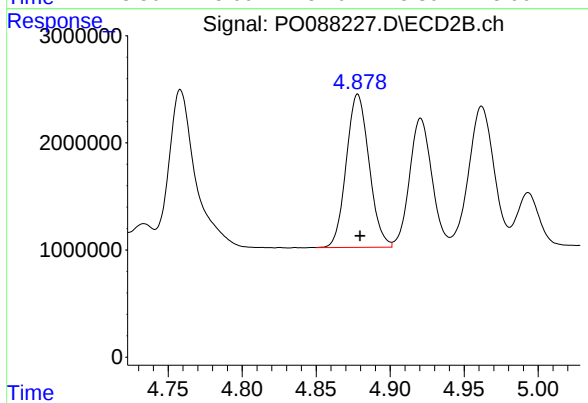
#17 AR-1242-2

R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 27490299
Conc: 678.74 ng/ml



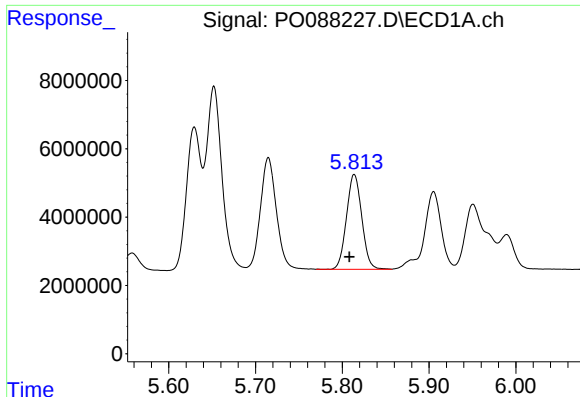
#18 AR-1242-3

R.T.: 5.715 min
Delta R.T.: 0.006 min
Response: 42045860
Conc: 692.99 ng/ml



#18 AR-1242-3

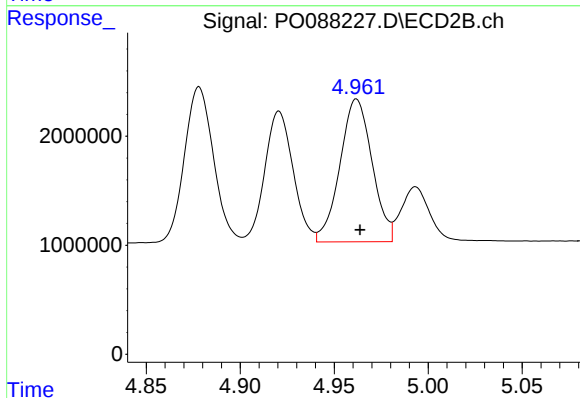
R.T.: 4.878 min
Delta R.T.: -0.001 min
Response: 15356498
Conc: 695.01 ng/ml



#19 AR-1242-4

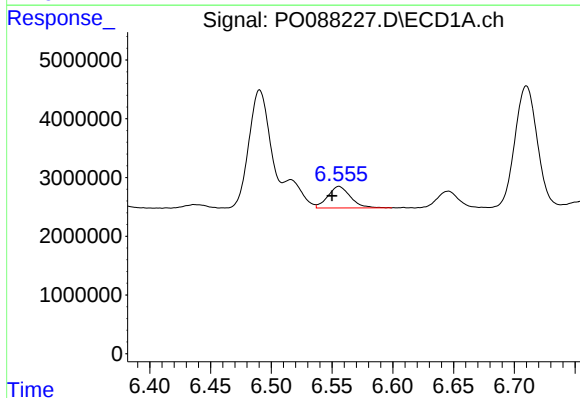
R.T.: 5.814 min
Delta R.T.: 0.006 min
Response: 33958671
Conc: 705.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



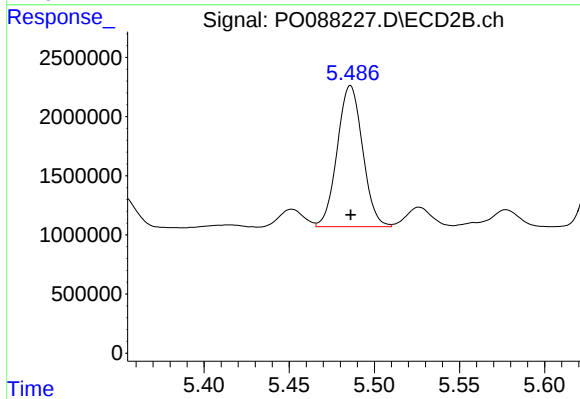
#19 AR-1242-4

R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 15631310
Conc: 668.53 ng/ml



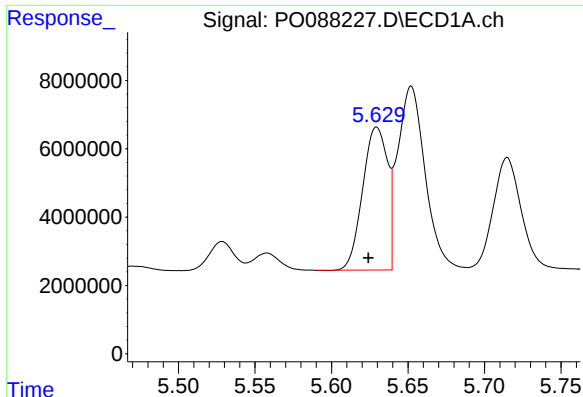
#20 AR-1242-5

R.T.: 6.556 min
Delta R.T.: 0.006 min
Response: 4743285
Conc: 90.07 ng/ml



#20 AR-1242-5

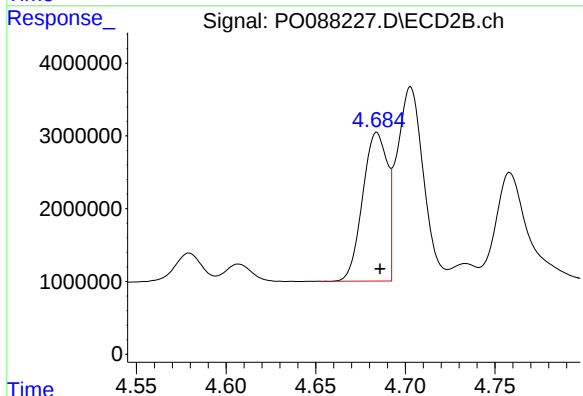
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 12377910
Conc: 461.85 ng/ml



#21 AR-1248-1

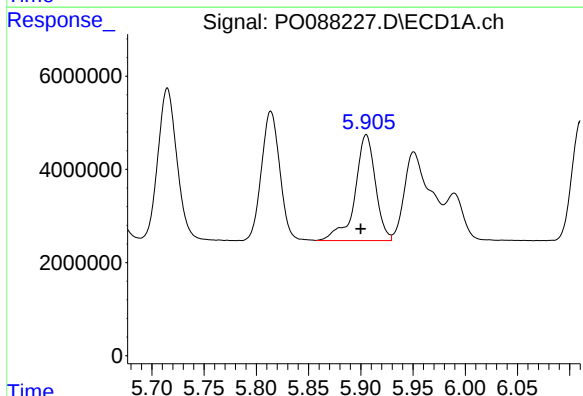
R.T.: 5.630 min
Delta R.T.: 0.005 min
Response: 47209094
Conc: 883.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



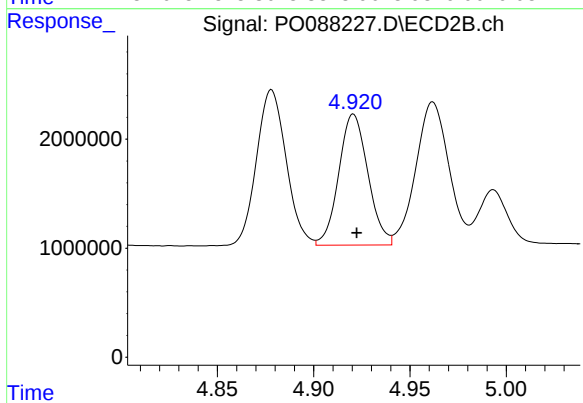
#21 AR-1248-1

R.T.: 4.684 min
Delta R.T.: -0.002 min
Response: 19586036
Conc: 855.05 ng/ml



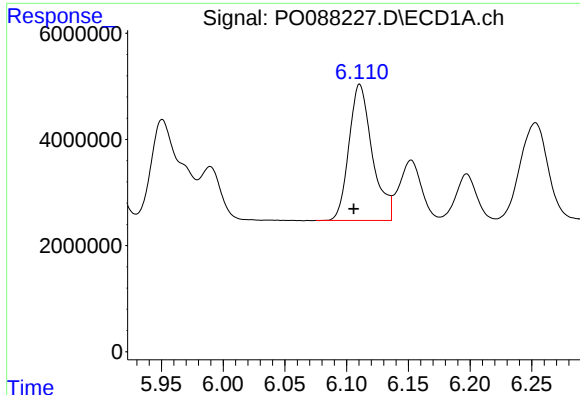
#22 AR-1248-2

R.T.: 5.905 min
Delta R.T.: 0.005 min
Response: 31045629
Conc: 399.56 ng/ml



#22 AR-1248-2

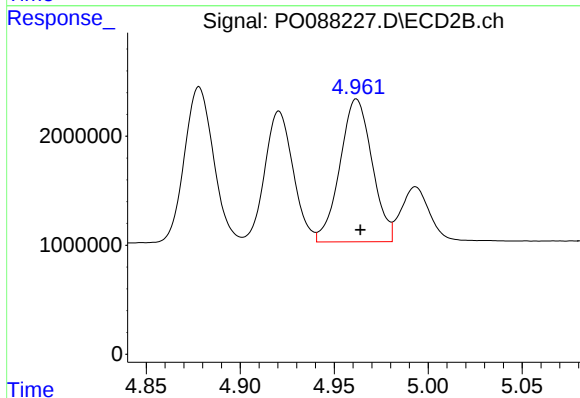
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 12661061
Conc: 375.34 ng/ml



#23 AR-1248-3

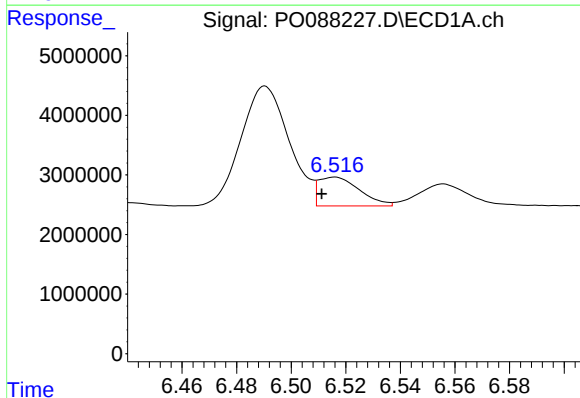
R.T.: 6.111 min
Delta R.T.: 0.005 min
Response: 33684331
Conc: 402.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



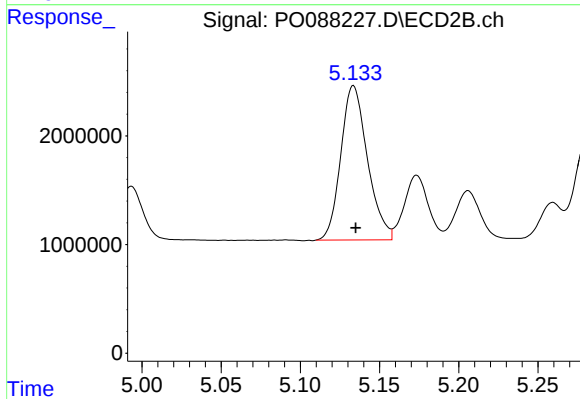
#23 AR-1248-3

R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 15631310
Conc: 449.78 ng/ml



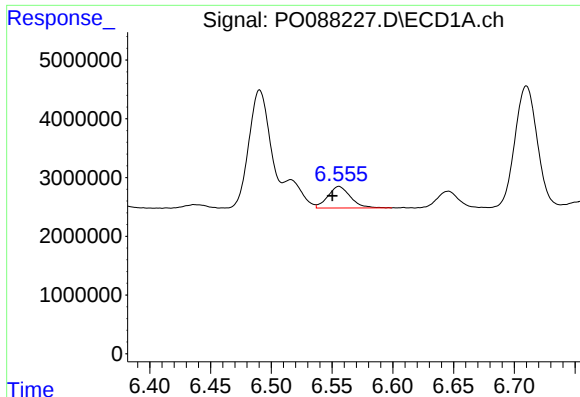
#24 AR-1248-4

R.T.: 6.516 min
Delta R.T.: 0.005 min
Response: 5022877
Conc: 54.65 ng/ml



#24 AR-1248-4

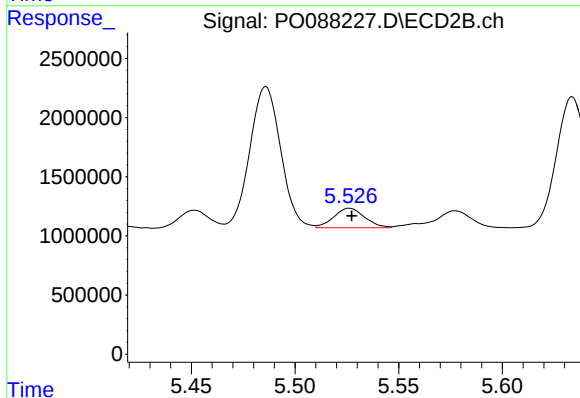
R.T.: 5.134 min
Delta R.T.: -0.001 min
Response: 16638762
Conc: 397.44 ng/ml



#25 AR-1248-5

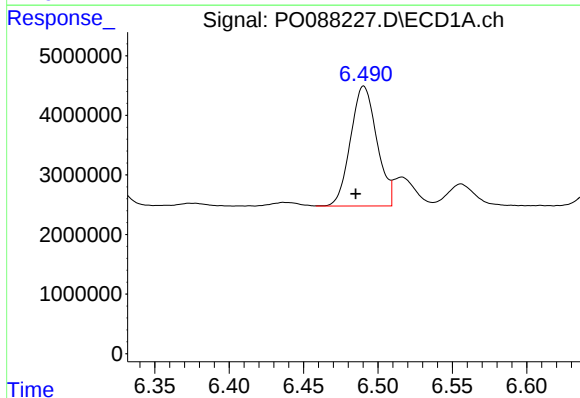
R.T.: 6.556 min
Delta R.T.: 0.005 min
Response: 4743285
Conc: 52.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



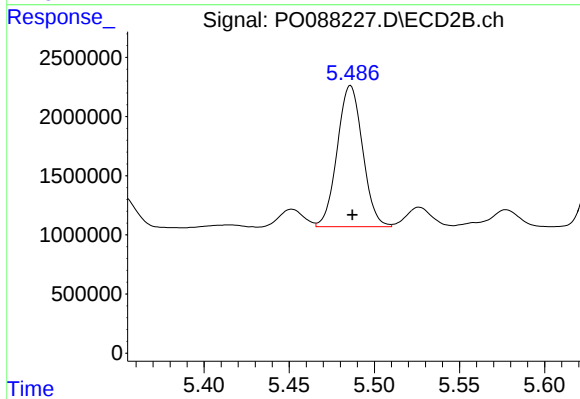
#25 AR-1248-5

R.T.: 5.526 min
Delta R.T.: -0.001 min
Response: 1723057
Conc: 47.82 ng/ml



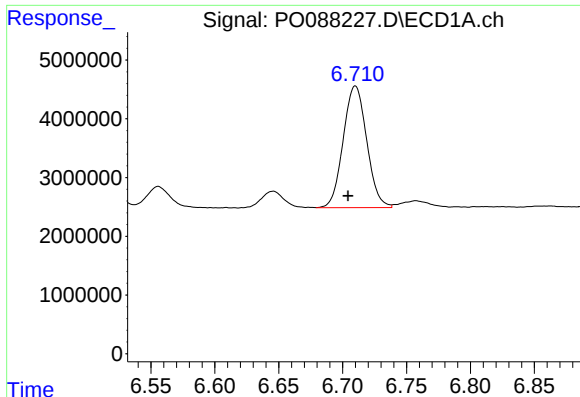
#26 AR-1254-1

R.T.: 6.490 min
Delta R.T.: 0.005 min
Response: 24740859
Conc: 260.94 ng/ml



#26 AR-1254-1

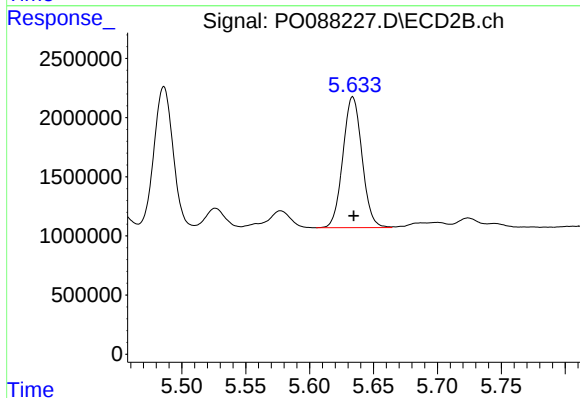
R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 12377910
Conc: 214.69 ng/ml



#27 AR-1254-2

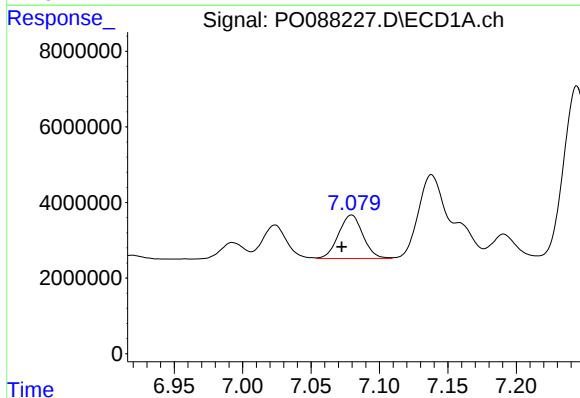
R.T.: 6.710 min
Delta R.T.: 0.006 min
Response: 26513405
Conc: 184.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



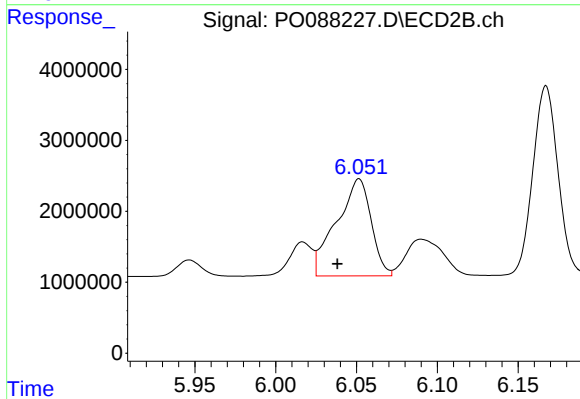
#27 AR-1254-2

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 11536992
Conc: 225.00 ng/ml



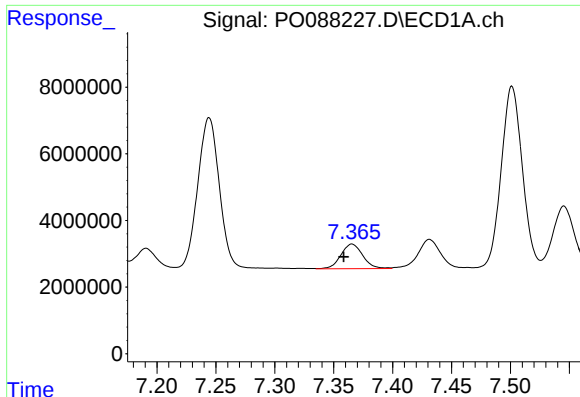
#28 AR-1254-3

R.T.: 7.080 min
Delta R.T.: 0.007 min
Response: 14246791
Conc: 97.26 ng/ml



#28 AR-1254-3

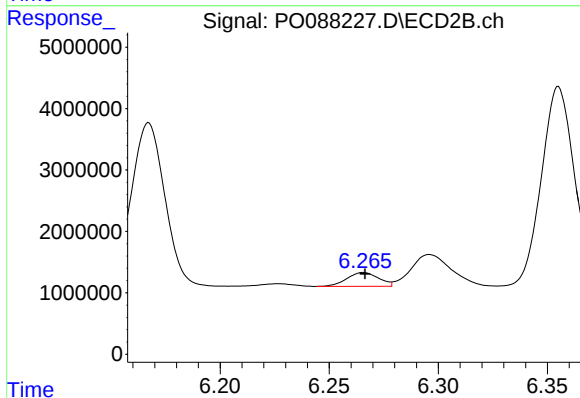
R.T.: 6.052 min
Delta R.T.: 0.013 min
Response: 20450145
Conc: 252.01 ng/ml



#29 AR-1254-4

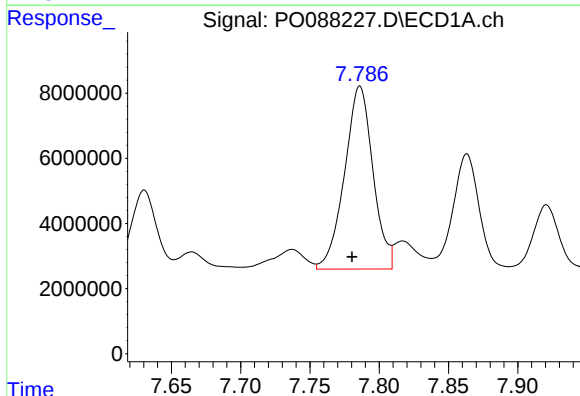
R.T.: 7.366 min
Delta R.T.: 0.007 min
Response: 9621873
Conc: 88.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



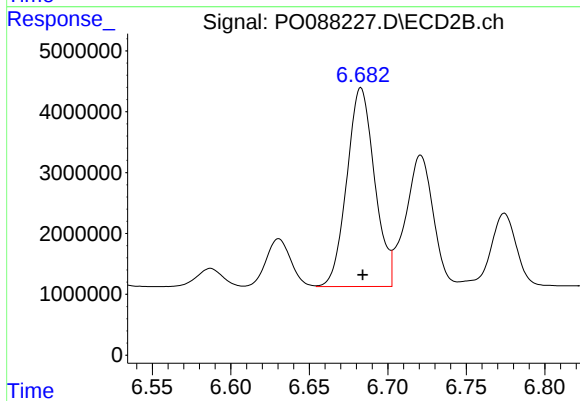
#29 AR-1254-4

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 2271997
Conc: 45.55 ng/ml



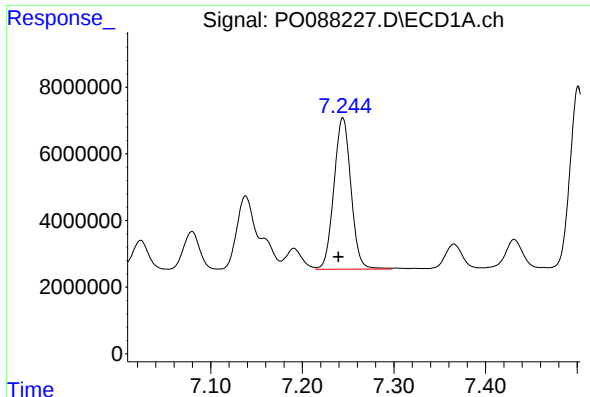
#30 AR-1254-5

R.T.: 7.786 min
Delta R.T.: 0.006 min
Response: 80282679
Conc: 667.06 ng/ml



#30 AR-1254-5

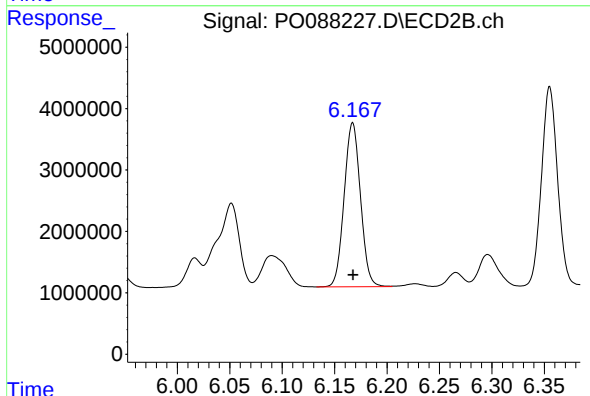
R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 40191542
Conc: 532.16 ng/ml



#31 AR-1260-1

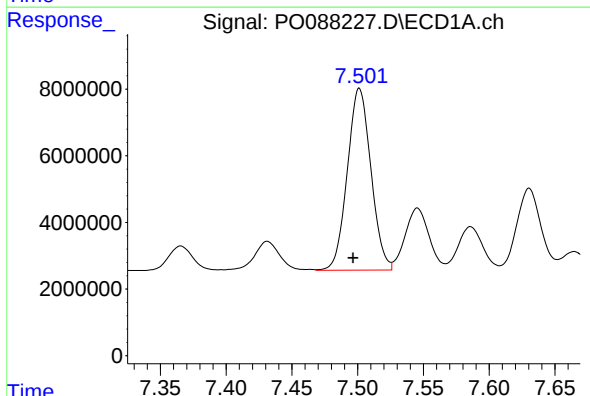
R.T.: 7.244 min
Delta R.T.: 0.005 min
Response: 58661804
Conc: 504.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



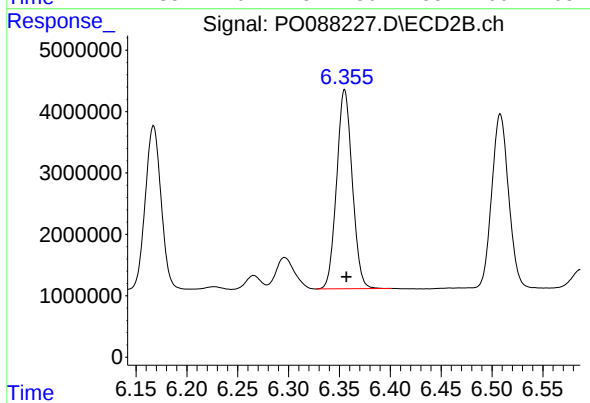
#31 AR-1260-1

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 28948130
Conc: 534.12 ng/ml



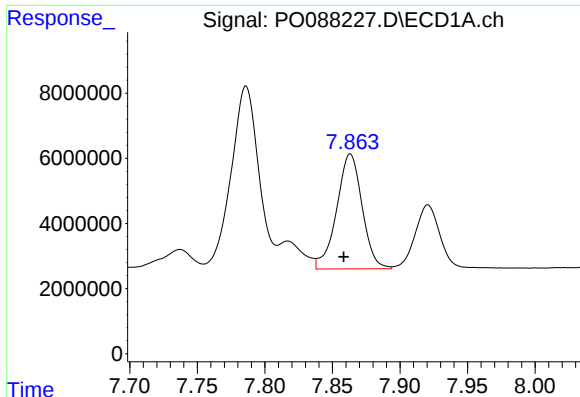
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: 0.005 min
Response: 68222794
Conc: 504.93 ng/ml



#32 AR-1260-2

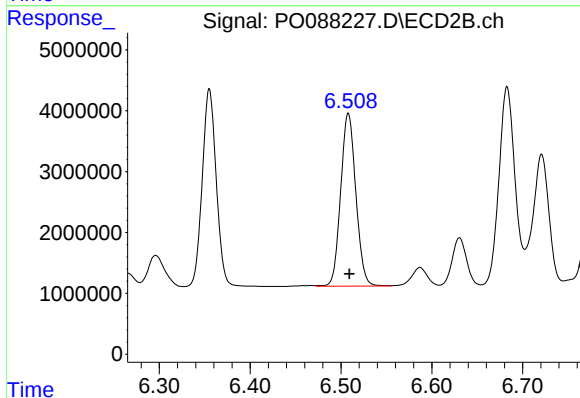
R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 34668249
Conc: 533.91 ng/ml



#33 AR-1260-3

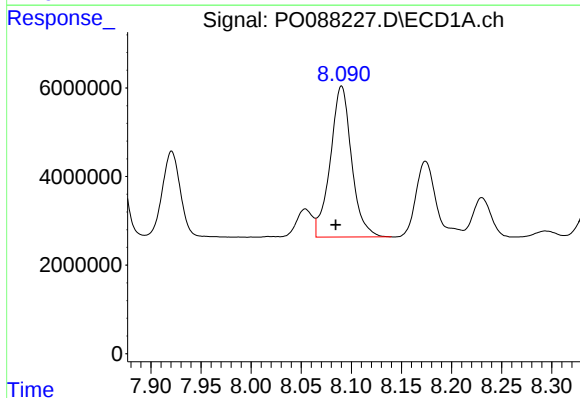
R.T.: 7.863 min
Delta R.T.: 0.005 min
Response: 46289034
Conc: 505.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



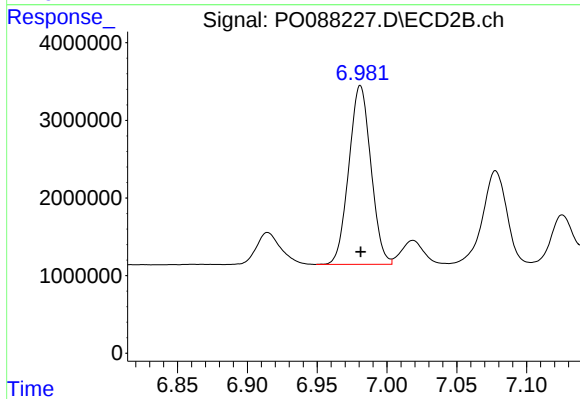
#33 AR-1260-3

R.T.: 6.508 min
Delta R.T.: -0.001 min
Response: 32905196
Conc: 529.00 ng/ml



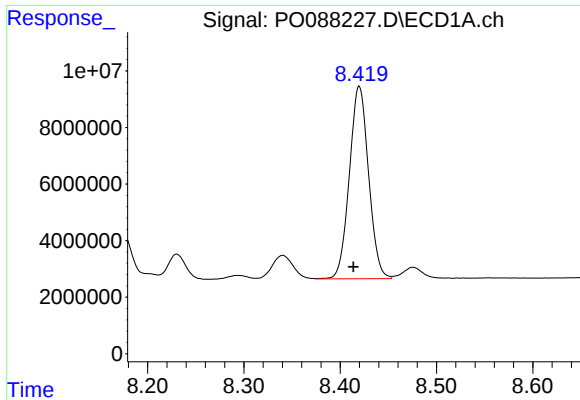
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: 0.006 min
Response: 50433406
Conc: 466.88 ng/ml



#34 AR-1260-4

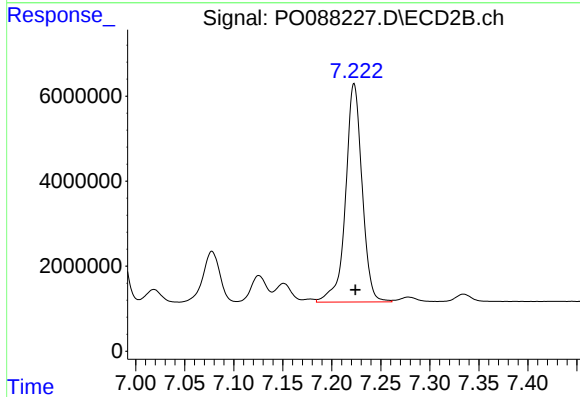
R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 25320131
Conc: 535.31 ng/ml



#35 AR-1260-5

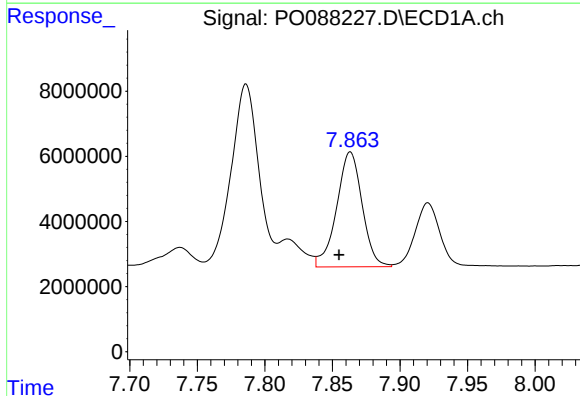
R.T.: 8.420 min
Delta R.T.: 0.006 min
Response: 94040462
Conc: 458.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



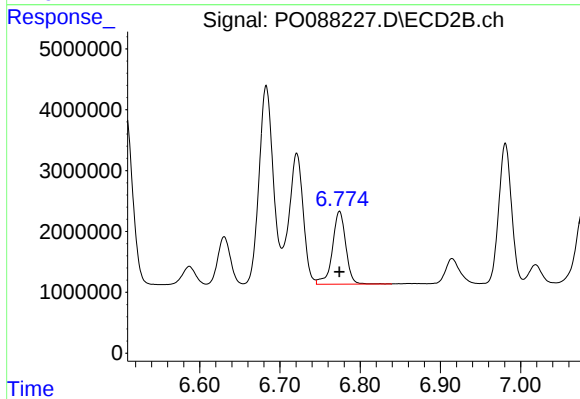
#35 AR-1260-5

R.T.: 7.223 min
Delta R.T.: -0.001 min
Response: 60312846
Conc: 527.13 ng/ml



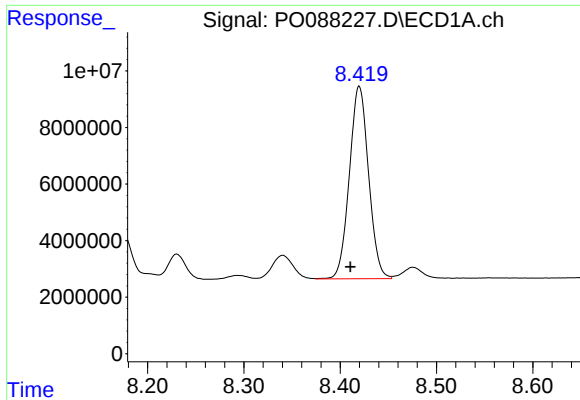
#36 AR-1262-1

R.T.: 7.863 min
Delta R.T.: 0.008 min
Response: 46289034
Conc: 336.97 ng/ml



#36 AR-1262-1

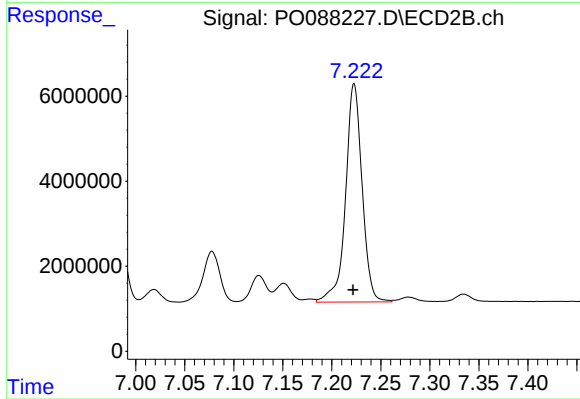
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 13867894
Conc: 457.54 ng/ml



#37 AR-1262-2

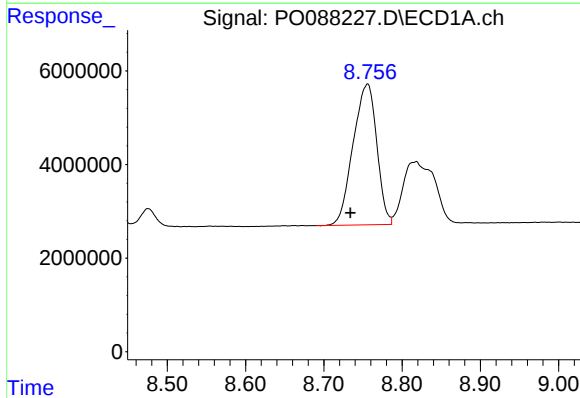
R.T.: 8.420 min
Delta R.T.: 0.009 min
Response: 94040462
Conc: 399.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



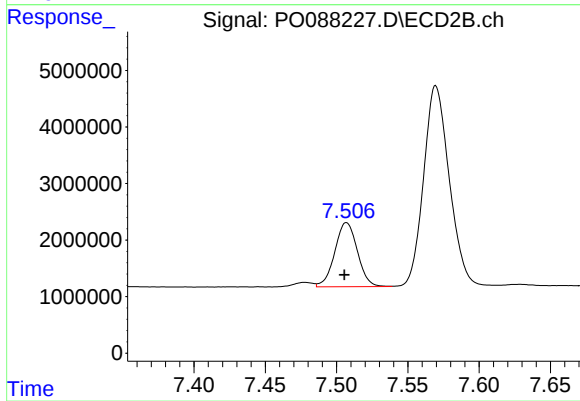
#37 AR-1262-2

R.T.: 7.223 min
Delta R.T.: 0.001 min
Response: 60312846
Conc: 448.87 ng/ml



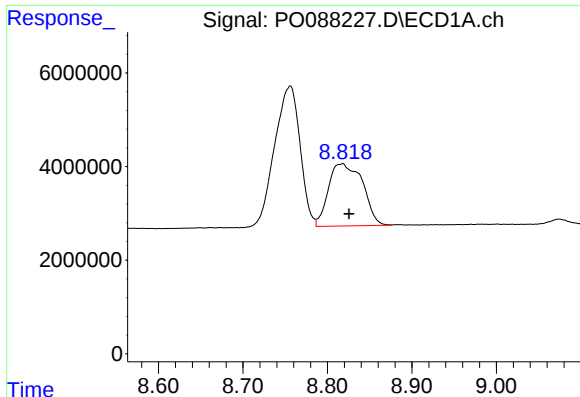
#38 AR-1262-3

R.T.: 8.756 min
Delta R.T.: 0.022 min
Response: 63195383
Conc: 381.29 ng/ml



#38 AR-1262-3

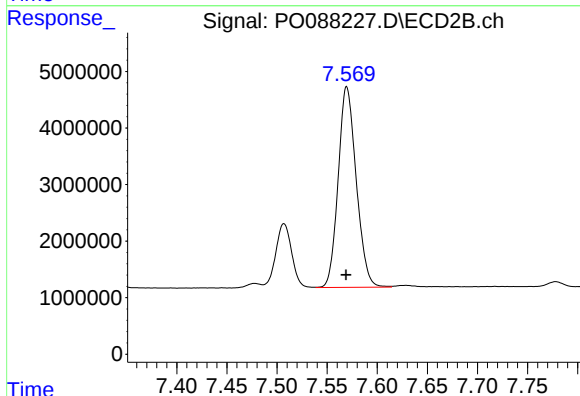
R.T.: 7.507 min
Delta R.T.: 0.002 min
Response: 12506577
Conc: 229.33 ng/ml



#39 AR-1262-4

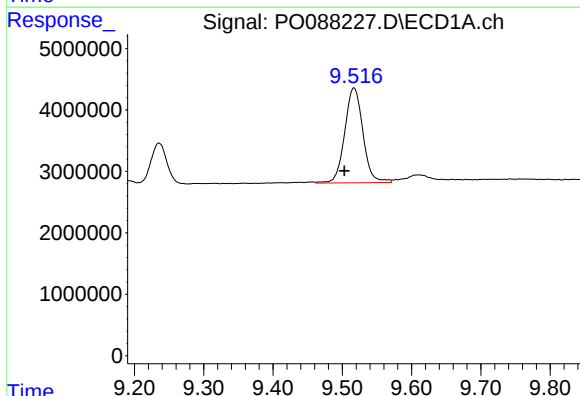
R.T.: 8.818 min
Delta R.T.: -0.008 min
Response: 37414068
Conc: 448.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



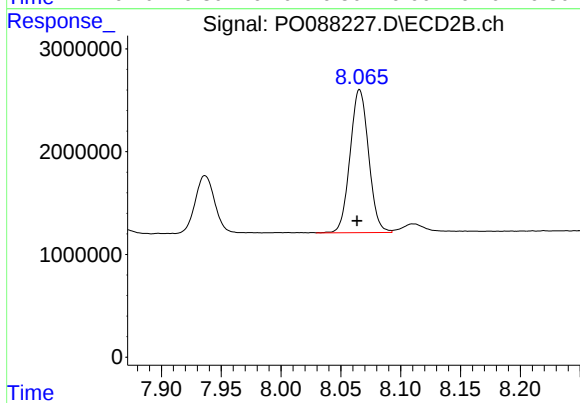
#39 AR-1262-4

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 44456957
Conc: 439.45 ng/ml



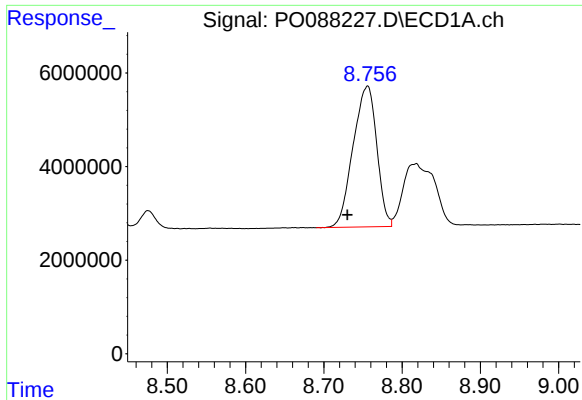
#40 AR-1262-5

R.T.: 9.517 min
Delta R.T.: 0.014 min
Response: 28271353
Conc: 317.23 ng/ml



#40 AR-1262-5

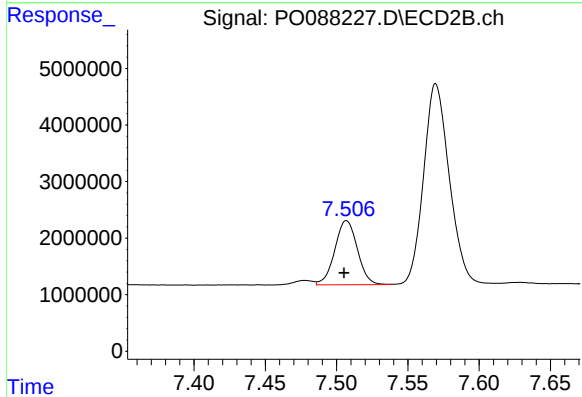
R.T.: 8.066 min
Delta R.T.: 0.002 min
Response: 15020114
Conc: 305.82 ng/ml



#41 AR-1268-1

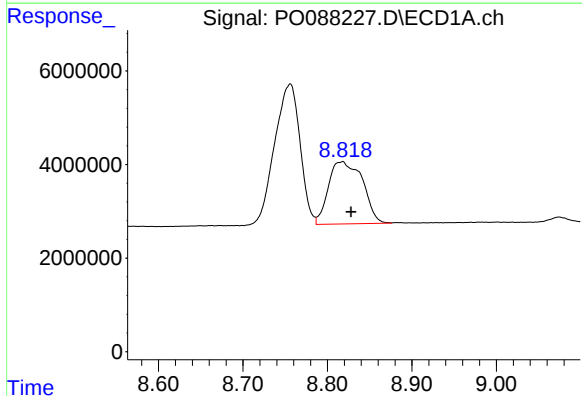
R.T.: 8.756 min
Delta R.T.: 0.026 min
Response: 63195383
Conc: 223.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



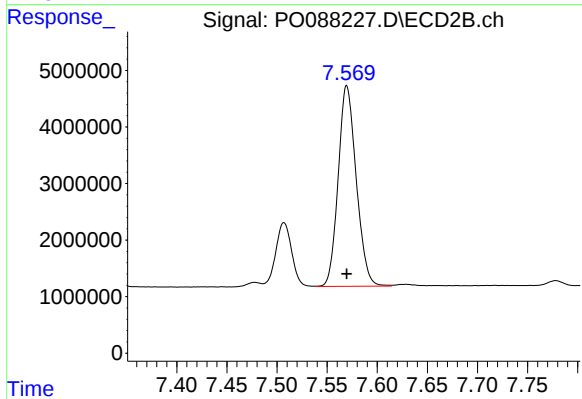
#41 AR-1268-1

R.T.: 7.507 min
Delta R.T.: 0.002 min
Response: 12506577
Conc: 78.93 ng/ml



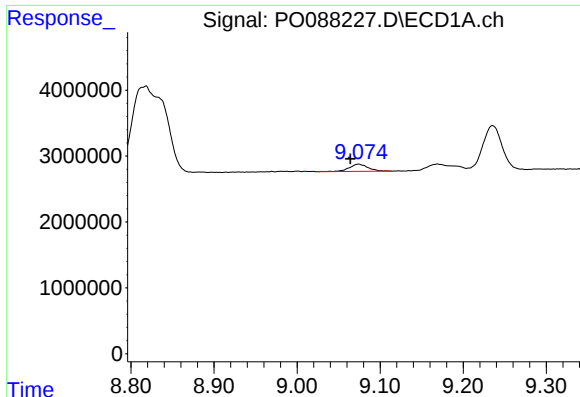
#42 AR-1268-2

R.T.: 8.818 min
Delta R.T.: -0.010 min
Response: 37414068
Conc: 143.90 ng/ml



#42 AR-1268-2

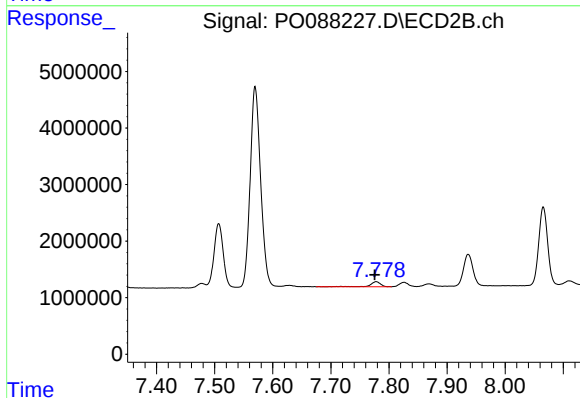
R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 44456957
Conc: 309.07 ng/ml



#43 AR-1268-3

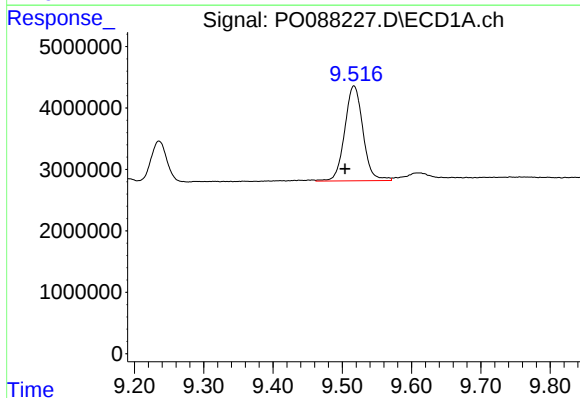
R.T.: 9.074 min
Delta R.T.: 0.010 min
Response: 1718063
Conc: 7.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



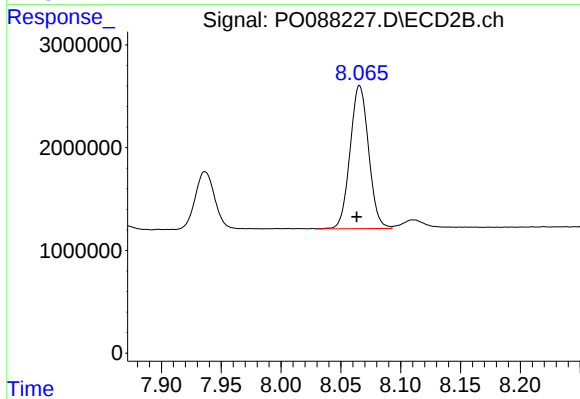
#43 AR-1268-3

R.T.: 7.778 min
Delta R.T.: 0.003 min
Response: 1045697
Conc: 8.40 ng/ml



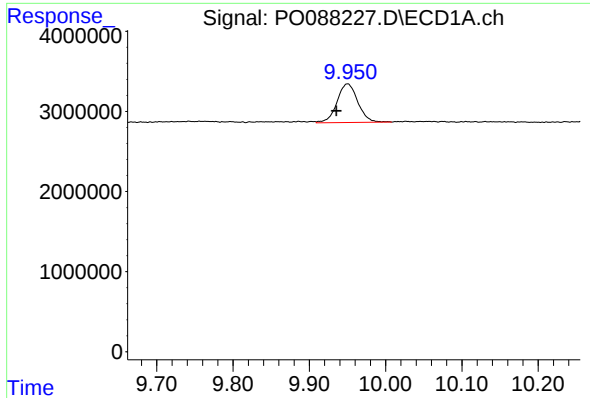
#44 AR-1268-4

R.T.: 9.517 min
Delta R.T.: 0.013 min
Response: 28271353
Conc: 288.35 ng/ml



#44 AR-1268-4

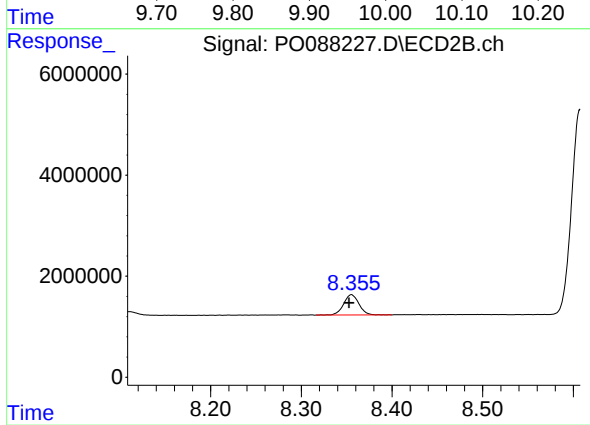
R.T.: 8.066 min
Delta R.T.: 0.003 min
Response: 15020114
Conc: 279.97 ng/ml



#45 AR-1268-5

R.T.: 9.950 min
Delta R.T.: 0.015 min
Response: 9154915
Conc: 12.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.355 min
Delta R.T.: 0.003 min
Response: 4700174
Conc: 12.16 ng/ml