

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072523\
 Data File : P0096333.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 13:08
 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 25 19:30:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 12:20:47 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...	4.410	3.626	169.5E6	70164170	53.844	53.460
2)	SA Decachlor...	10.233	8.655	108.3E6	59155210	55.023	54.298
Target Compounds							
3)	L1 AR-1016-1	5.591	4.715	45568809	22411356	547.828	549.323
4)	L1 AR-1016-2	5.613	4.733	65070739	31224957	555.154	551.401
5)	L1 AR-1016-3	5.676	4.910	40909044	17043675	546.206	553.023
6)	L1 AR-1016-4	5.776	4.953	33063058	14454060	547.461	510.381
7)	L1 AR-1016-5	6.073	5.166	34924197	19709935	542.604	576.972
8)	L2 AR-1221-1	4.617	3.839	5657301	2855052	153.541	165.910
9)	L2 AR-1221-2	4.709	3.926	8465134	4147671	304.340	321.733
10)	L2 AR-1221-3	4.785	4.002	28871318	13366882	357.543	348.743
11)	L3 AR-1232-1	4.785	4.002	28871318	13366882	443.899	429.285
12)	L3 AR-1232-2	5.320	4.733	40739759	31224957	1098.283	1175.125
13)	L3 AR-1232-3	5.613	4.910	65070739	17043675	1208.539	1215.153
14)	L3 AR-1232-4	5.776	4.994	33063058	17942861	1203.638	1298.767
15)	L3 AR-1232-5	5.868	5.166	32163035	19709935	1272.265	1176.597
16)	L4 AR-1242-1	5.591	4.715	45568809	22411356	604.757	607.838
17)	L4 AR-1242-2	5.613	4.733	65070739	31224957	614.062	619.951
18)	L4 AR-1242-3	5.676	4.910	40909044	17043675	615.559	607.675
19)	L4 AR-1242-4	5.776	4.994	33063058	17942861	607.778	600.623
20)	L4 AR-1242-5	6.519	5.519	9282063	18731501	162.070	545.909 #
21)	L5 AR-1248-1	5.591	4.715	45568809	22411356	851.139	852.391
22)	L5 AR-1248-2	5.868	4.953	32163035	14454060	365.482	364.425
23)	L5 AR-1248-3	6.073	4.994	34924197	17942861	377.823	429.243
24)	L5 AR-1248-4	6.479	5.166	10145128	19709935	118.069	414.161 #
25)	L5 AR-1248-5	6.519	5.560	9282063	5112507	102.628	116.583
26)	L6 AR-1254-1	6.454	5.519	30050204	18731501	300.734	272.183
27)	L6 AR-1254-2	6.674	5.668	25038718	13969026	173.036	230.044 #
28)	L6 AR-1254-3	7.043	6.088	11711766	24245679	81.339	260.029 #
29)	L6 AR-1254-4	7.330	6.302	7339753	1931836	79.154	34.578 #
30)	L6 AR-1254-5	7.751	6.721	73273596	43450985	712.839	545.592
31)	L7 AR-1260-1	7.209	6.204	64163963	35965723	485.983	534.517
32)	L7 AR-1260-2	7.467	6.393	66111038	42305447	538.096	546.538
33)	L7 AR-1260-3	7.751	6.547	73273596	39374645	544.920	484.287
34)	L7 AR-1260-4	8.057	7.021	56880113	32264888	537.492	538.216
35)	L7 AR-1260-5	8.381	7.264	103.1E6	70279632	529.624	537.588
36)	L8 AR-1262-1	7.830	6.813	53976554	18022032	379.894	501.731 #
37)	L8 AR-1262-2	8.381	7.021	103.1E6	32264888	479.172	425.482
38)	L8 AR-1262-3	8.711	7.548	68249997	16037750	436.291	275.206 #
39)	L8 AR-1262-4	8.789	7.611	20111543	50818463	162.583	486.027 #
40)	L8 AR-1262-5	9.460	8.109	28231834	18145925	357.821	368.483
41)	L9 AR-1268-1	8.711	7.548	68249997	16037750	232.516	92.935 #

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 ALS Vial : 3 Sample Multiplier: 1

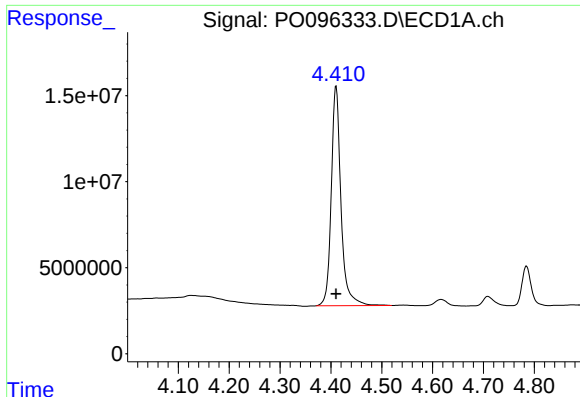
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 19:30:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072123.M
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 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	8.789	7.611	20111543	50818463	75.044	327.774 #
43) L9	AR-1268-3	9.024	7.820	1514181	1066215	6.234	7.763
44) L9	AR-1268-4	9.460	8.109	28231834	18145925	322.308	326.503
45) L9	AR-1268-5	9.886	8.400	7936953	4747349	10.602	12.165

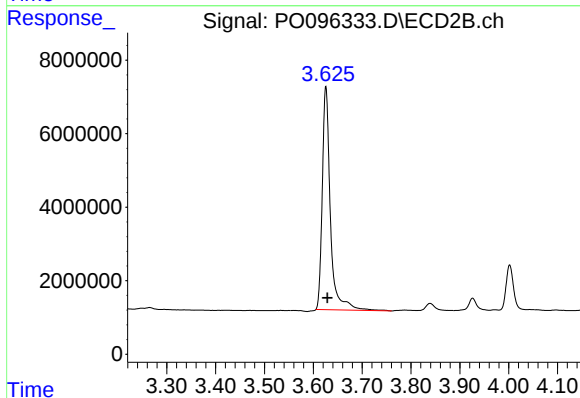
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

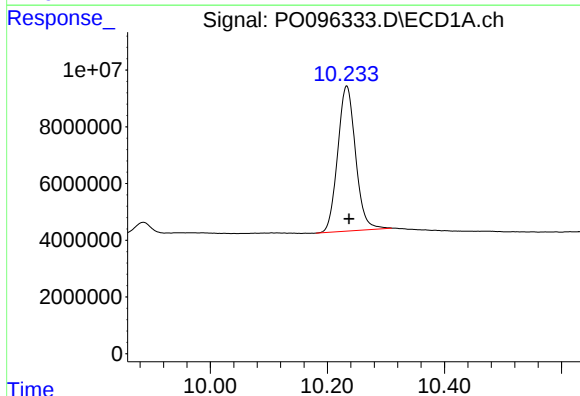
R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 169524828
Conc: 53.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



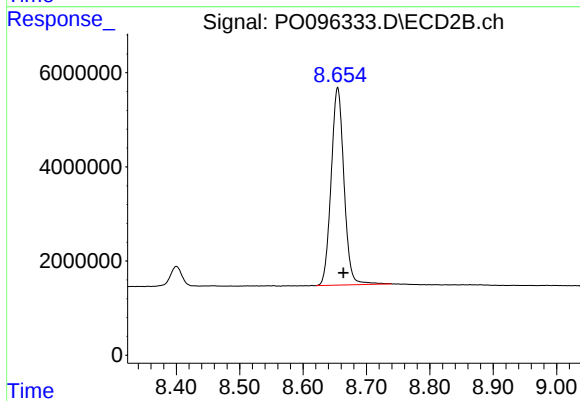
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.003 min
Response: 70164170
Conc: 53.46 ng/ml



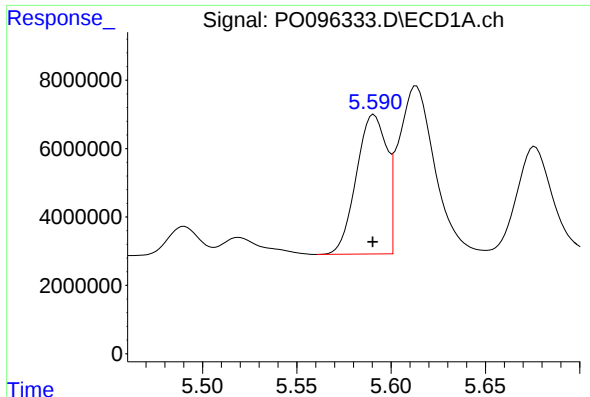
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: -0.004 min
Response: 108272162
Conc: 55.02 ng/ml



#2 Decachlorobiphenyl

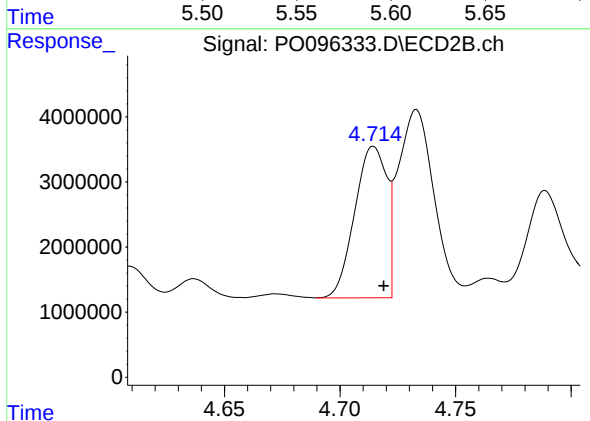
R.T.: 8.655 min
Delta R.T.: -0.009 min
Response: 59155210
Conc: 54.30 ng/ml



#3 AR-1016-1

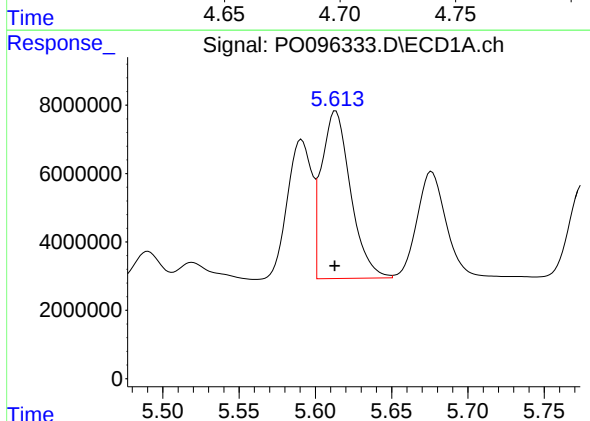
R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 45568809
Conc: 547.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



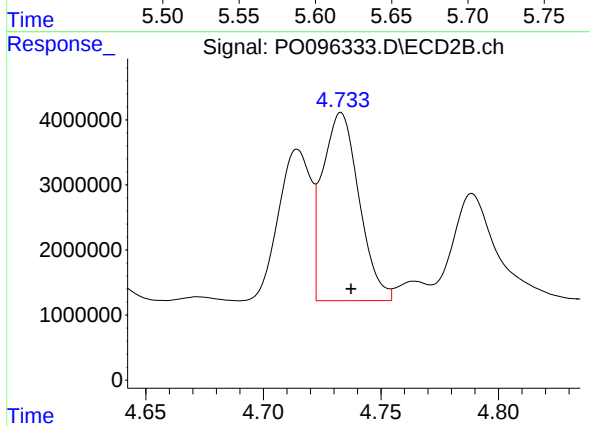
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: -0.004 min
Response: 22411356
Conc: 549.32 ng/ml



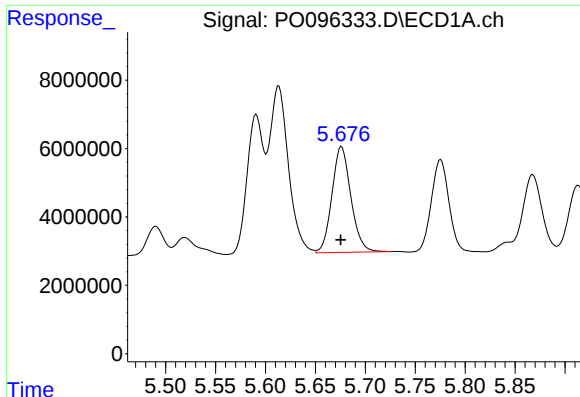
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 65070739
Conc: 555.15 ng/ml



#4 AR-1016-2

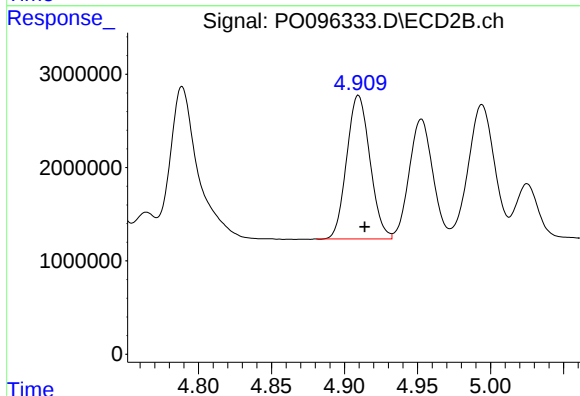
R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 31224957
Conc: 551.40 ng/ml



#5 AR-1016-3

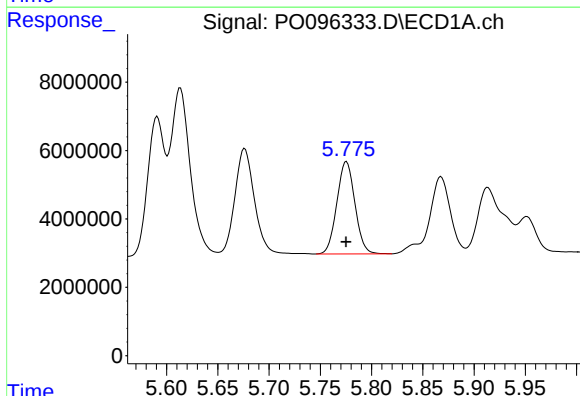
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 40909044
Conc: 546.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



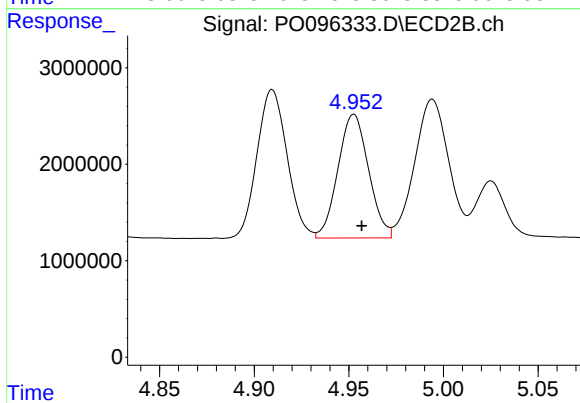
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 17043675
Conc: 553.02 ng/ml



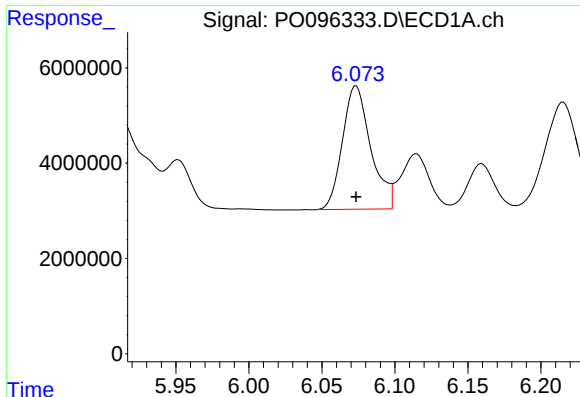
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 33063058
Conc: 547.46 ng/ml



#6 AR-1016-4

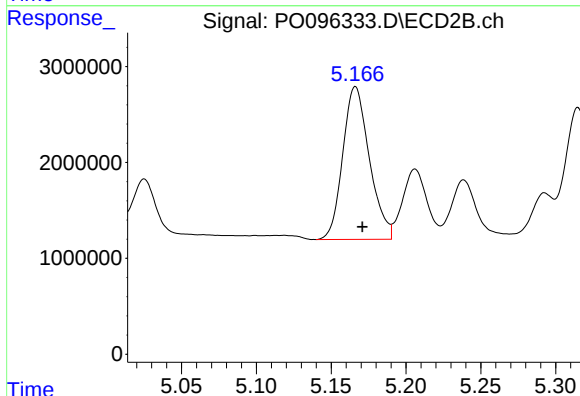
R.T.: 4.953 min
Delta R.T.: -0.004 min
Response: 14454060
Conc: 510.38 ng/ml



#7 AR-1016-5

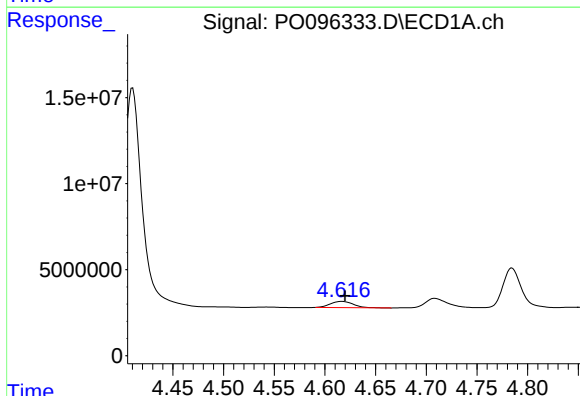
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 34924197
Conc: 542.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



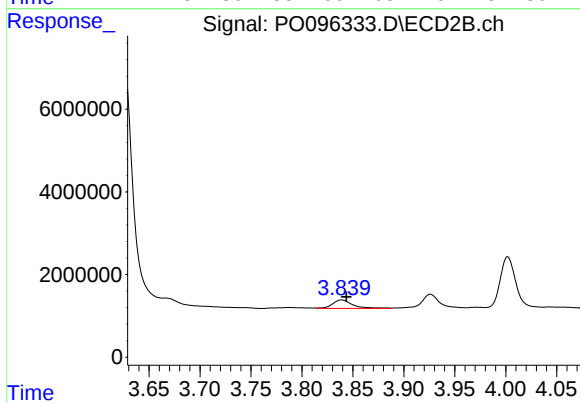
#7 AR-1016-5

R.T.: 5.166 min
Delta R.T.: -0.005 min
Response: 19709935
Conc: 576.97 ng/ml



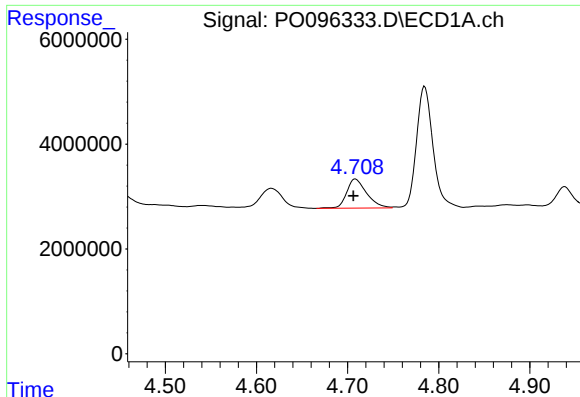
#8 AR-1221-1

R.T.: 4.617 min
Delta R.T.: -0.003 min
Response: 5657301
Conc: 153.54 ng/ml



#8 AR-1221-1

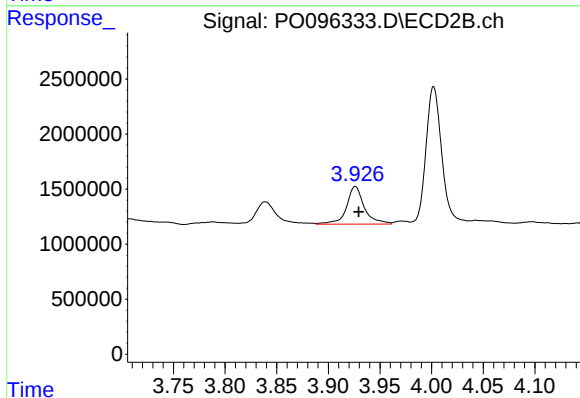
R.T.: 3.839 min
Delta R.T.: -0.005 min
Response: 2855052
Conc: 165.91 ng/ml



#9 AR-1221-2

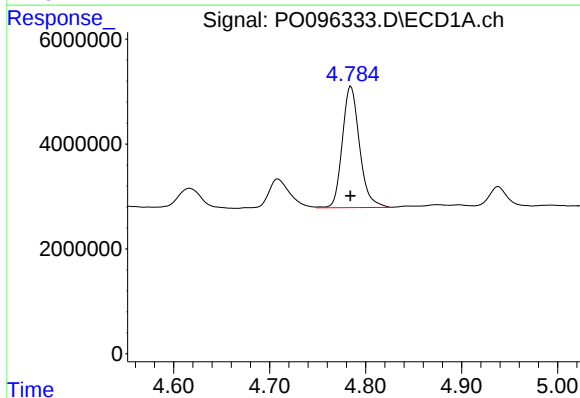
R.T.: 4.709 min
Delta R.T.: 0.002 min
Response: 8465134
Conc: 304.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



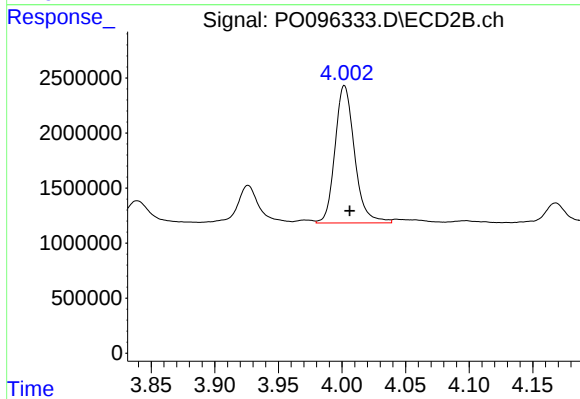
#9 AR-1221-2

R.T.: 3.926 min
Delta R.T.: -0.003 min
Response: 4147671
Conc: 321.73 ng/ml



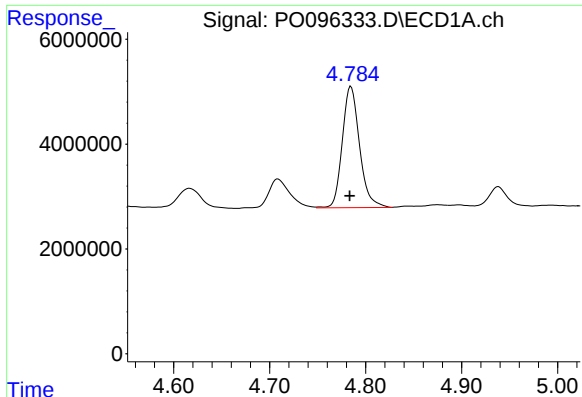
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 28871318
Conc: 357.54 ng/ml



#10 AR-1221-3

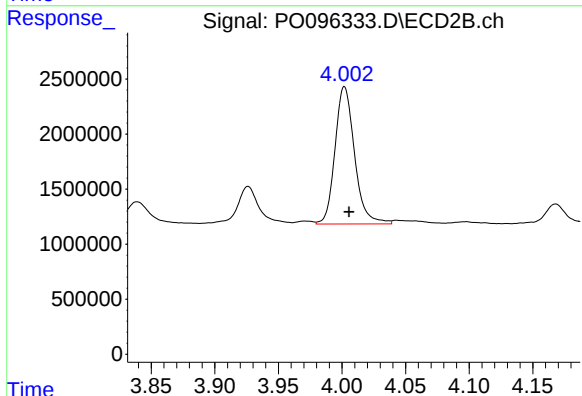
R.T.: 4.002 min
Delta R.T.: -0.004 min
Response: 13366882
Conc: 348.74 ng/ml



#11 AR-1232-1

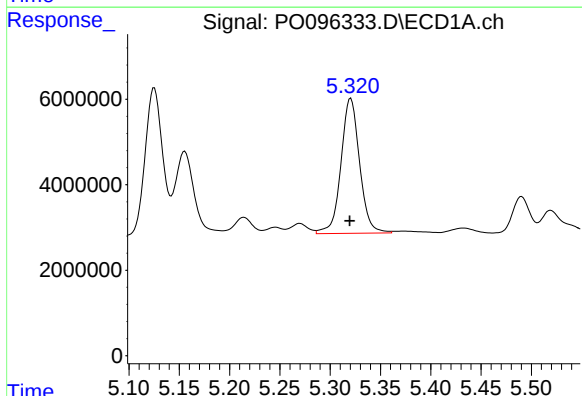
R.T.: 4.785 min
Delta R.T.: 0.001 min
Response: 28871318
Conc: 443.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



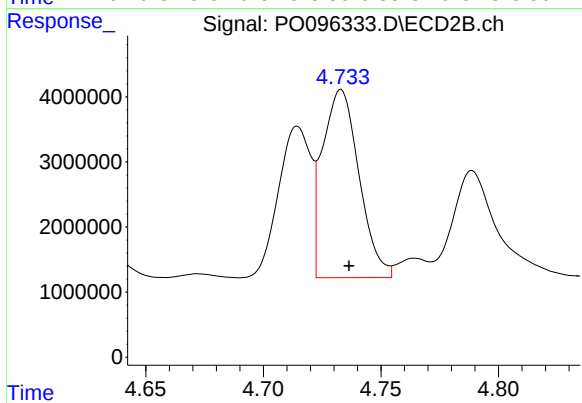
#11 AR-1232-1

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 13366882
Conc: 429.29 ng/ml



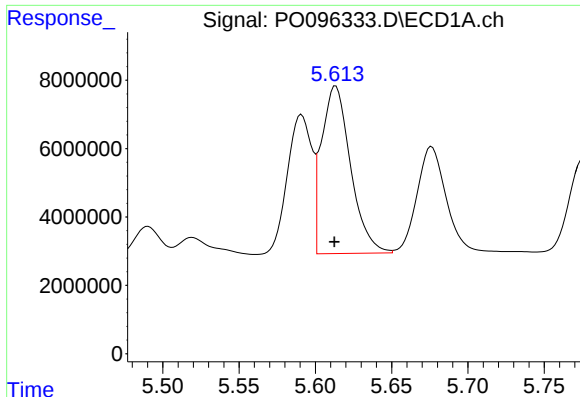
#12 AR-1232-2

R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 40739759
Conc: 1098.28 ng/ml



#12 AR-1232-2

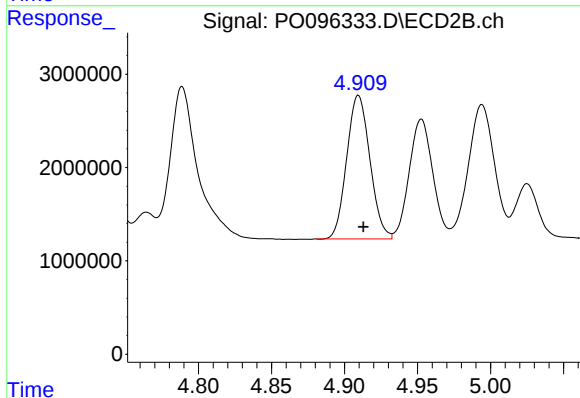
R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 31224957
Conc: 1175.13 ng/ml



#13 AR-1232-3

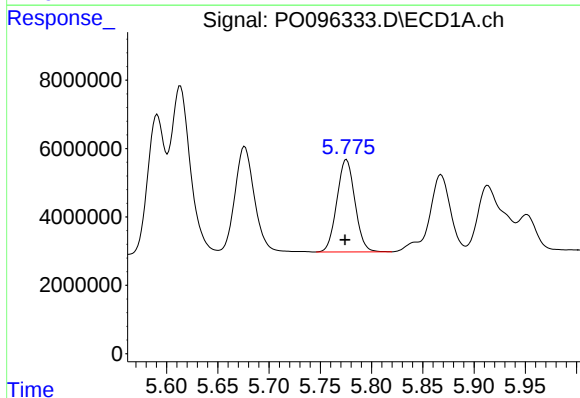
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 65070739
Conc: 1208.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



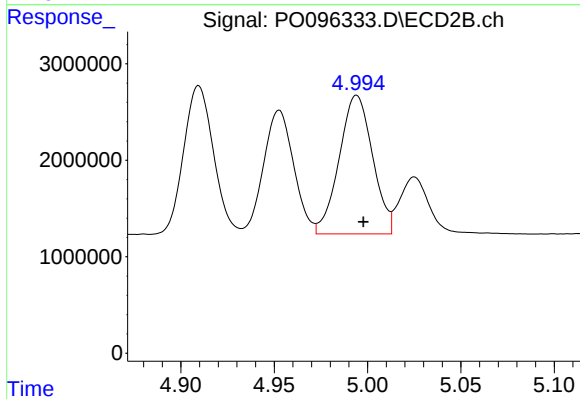
#13 AR-1232-3

R.T.: 4.910 min
Delta R.T.: -0.003 min
Response: 17043675
Conc: 1215.15 ng/ml



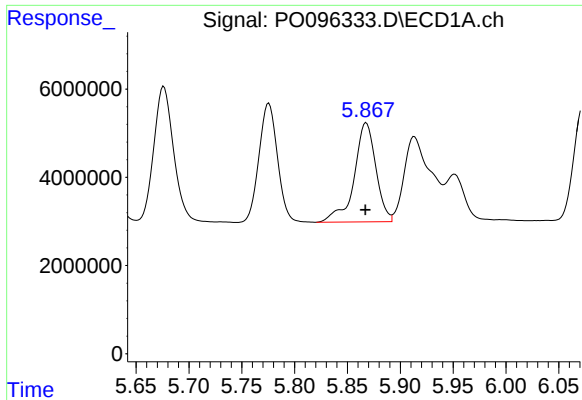
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 33063058
Conc: 1203.64 ng/ml



#14 AR-1232-4

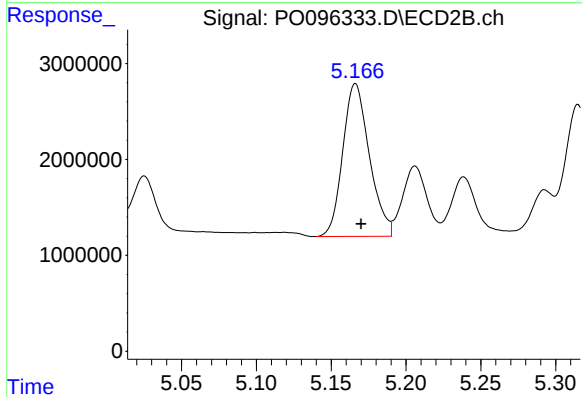
R.T.: 4.994 min
Delta R.T.: -0.004 min
Response: 17942861
Conc: 1298.77 ng/ml



#15 AR-1232-5

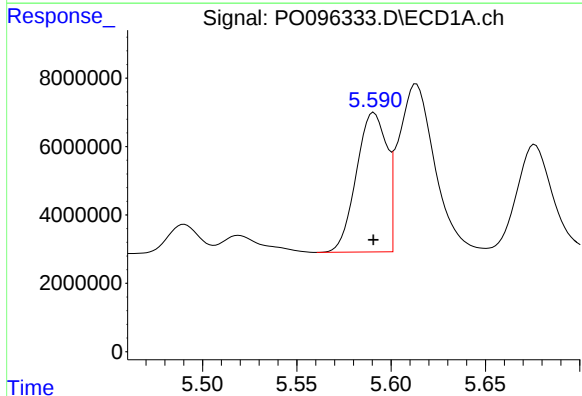
R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 32163035
Conc: 1272.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



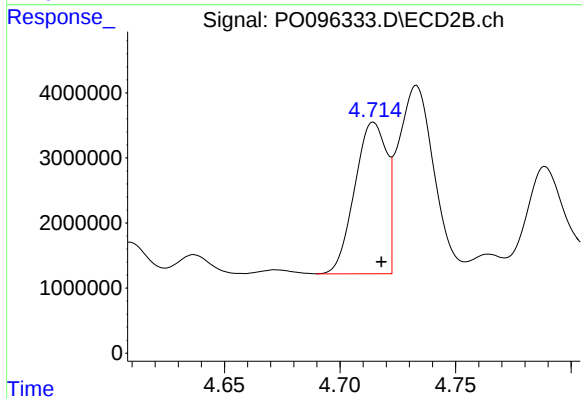
#15 AR-1232-5

R.T.: 5.166 min
Delta R.T.: -0.004 min
Response: 19709935
Conc: 1176.60 ng/ml



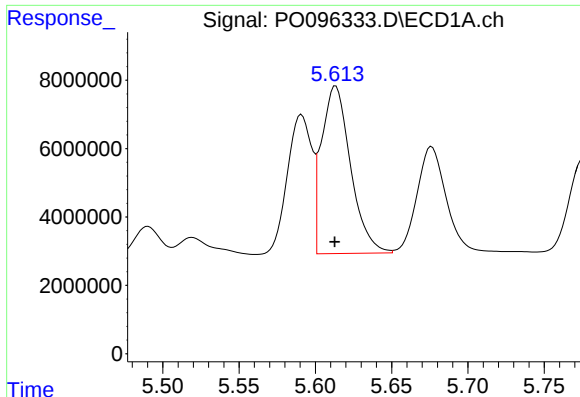
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 45568809
Conc: 604.76 ng/ml



#16 AR-1242-1

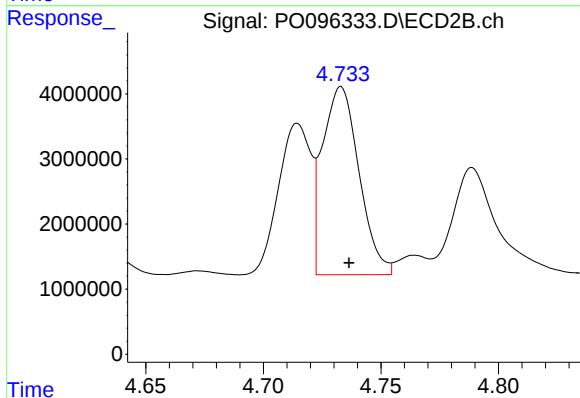
R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 22411356
Conc: 607.84 ng/ml



#17 AR-1242-2

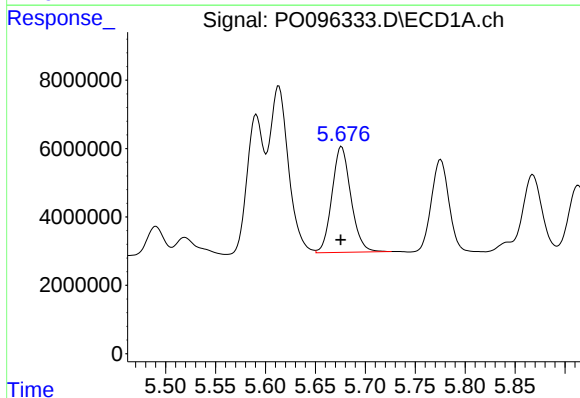
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 65070739
Conc: 614.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



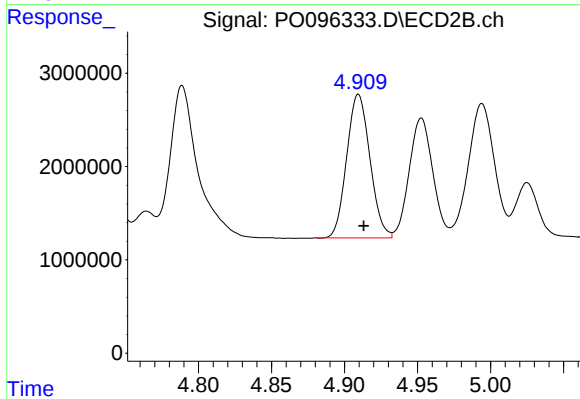
#17 AR-1242-2

R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 31224957
Conc: 619.95 ng/ml



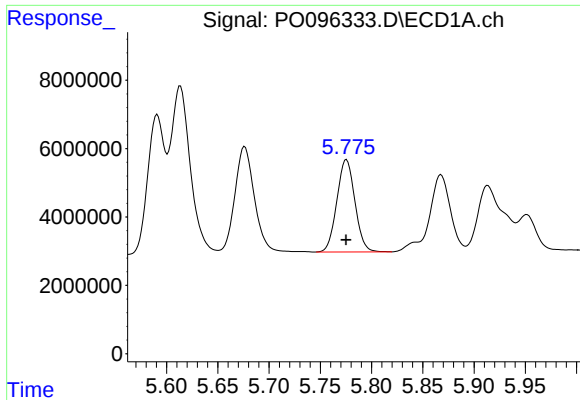
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 40909044
Conc: 615.56 ng/ml



#18 AR-1242-3

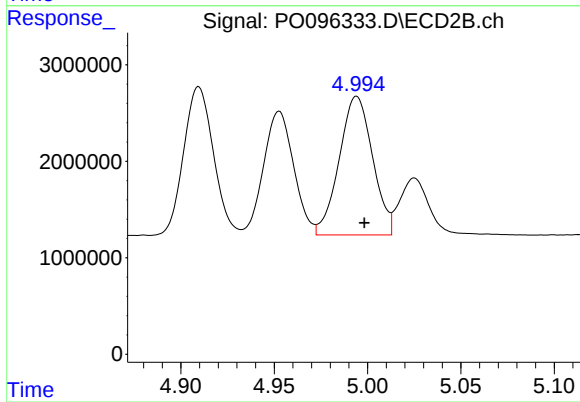
R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 17043675
Conc: 607.67 ng/ml



#19 AR-1242-4

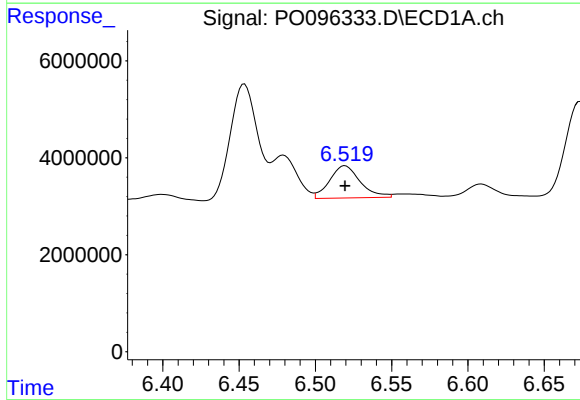
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 33063058
Conc: 607.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



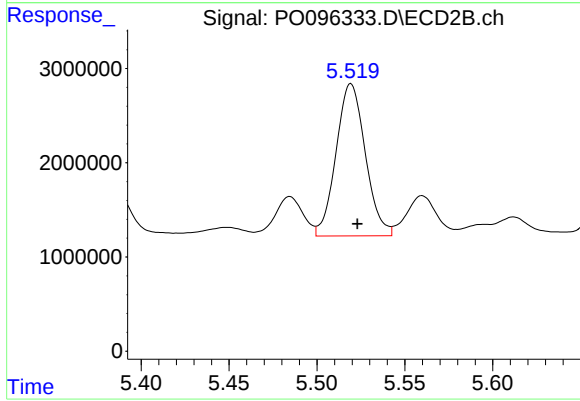
#19 AR-1242-4

R.T.: 4.994 min
Delta R.T.: -0.004 min
Response: 17942861
Conc: 600.62 ng/ml



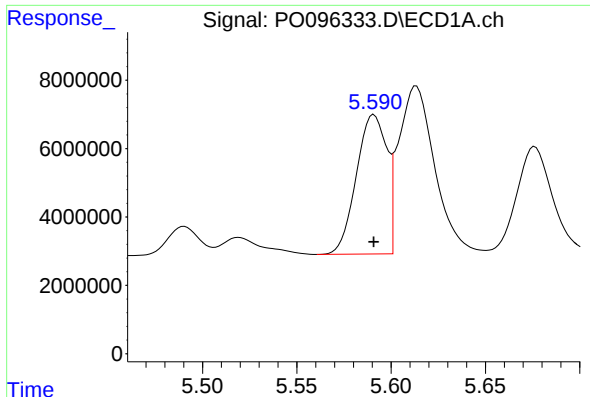
#20 AR-1242-5

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 9282063
Conc: 162.07 ng/ml



#20 AR-1242-5

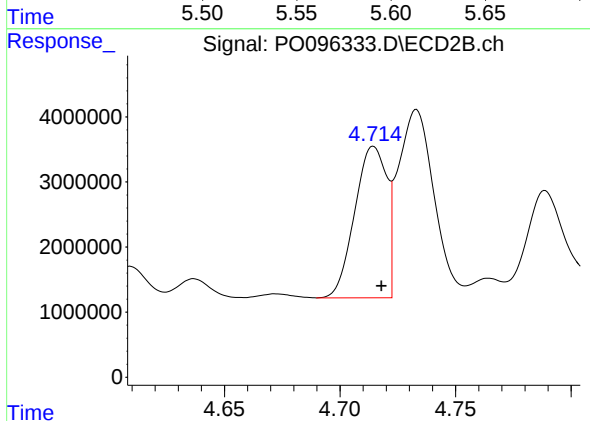
R.T.: 5.519 min
Delta R.T.: -0.004 min
Response: 18731501
Conc: 545.91 ng/ml



#21 AR-1248-1

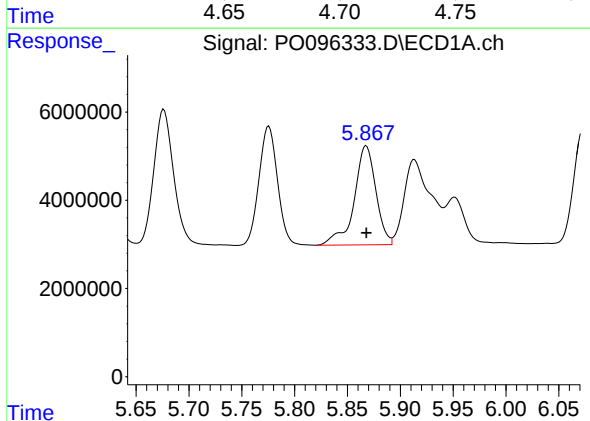
R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 45568809
Conc: 851.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



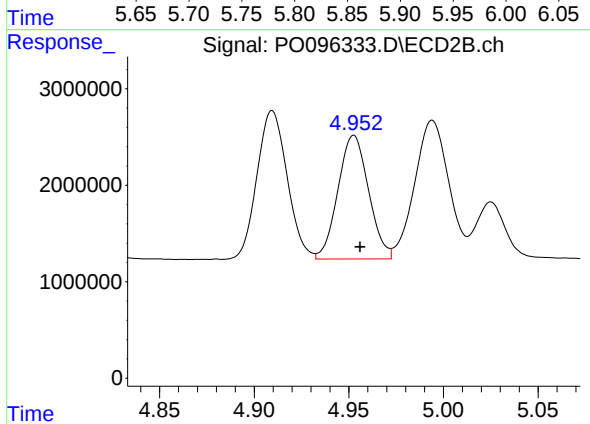
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 22411356
Conc: 852.39 ng/ml



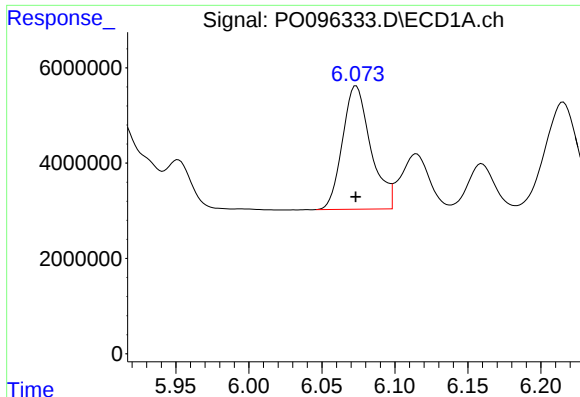
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 32163035
Conc: 365.48 ng/ml



#22 AR-1248-2

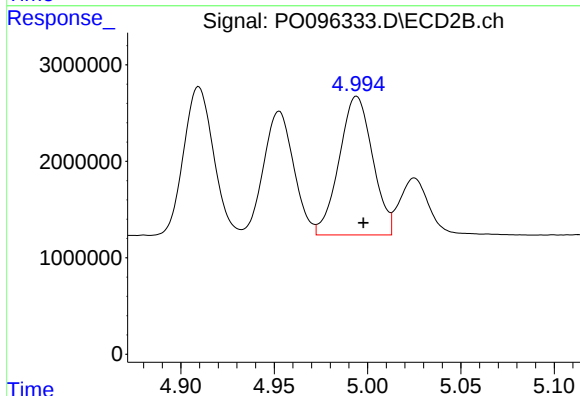
R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 14454060
Conc: 364.42 ng/ml



#23 AR-1248-3

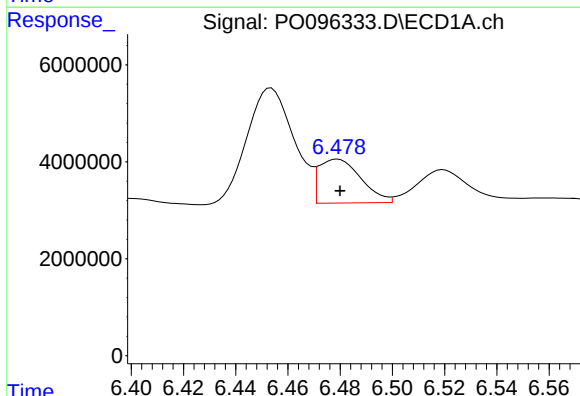
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 34924197
Conc: 377.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



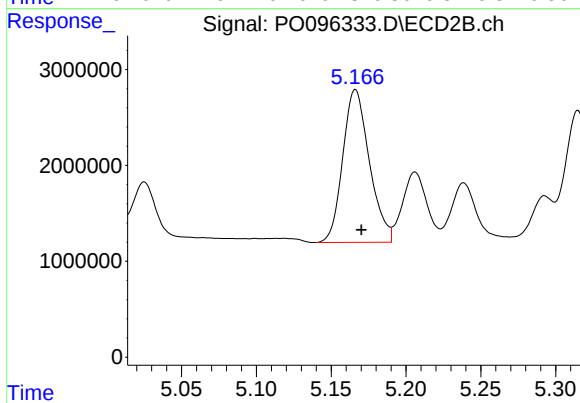
#23 AR-1248-3

R.T.: 4.994 min
Delta R.T.: -0.004 min
Response: 17942861
Conc: 429.24 ng/ml



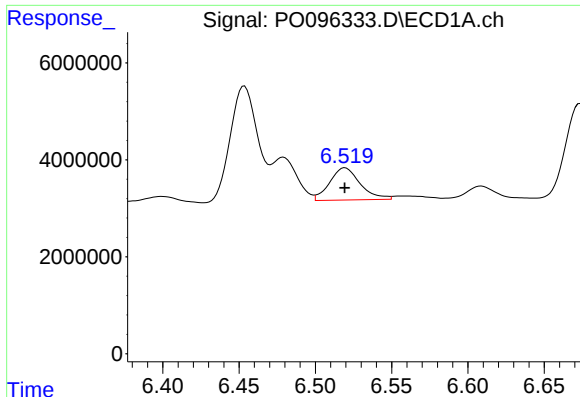
#24 AR-1248-4

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 10145128
Conc: 118.07 ng/ml



#24 AR-1248-4

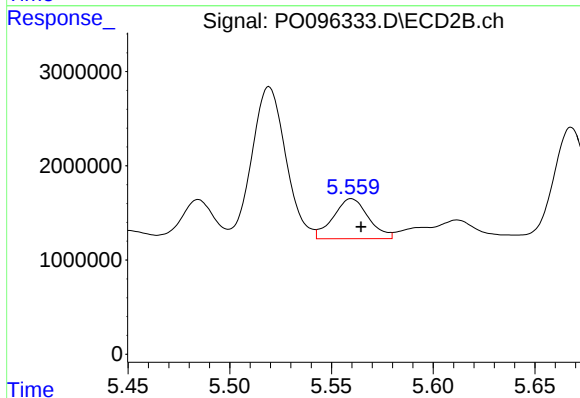
R.T.: 5.166 min
Delta R.T.: -0.004 min
Response: 19709935
Conc: 414.16 ng/ml



#25 AR-1248-5

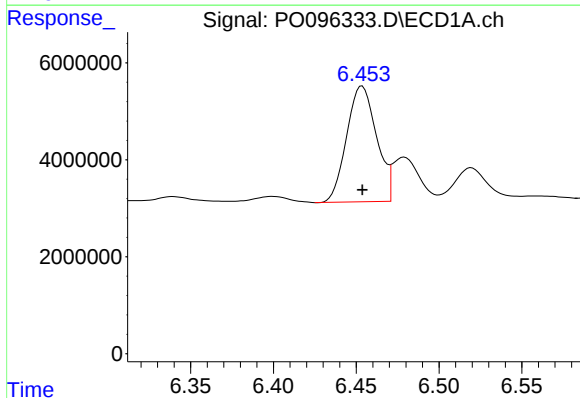
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 9282063
Conc: 102.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



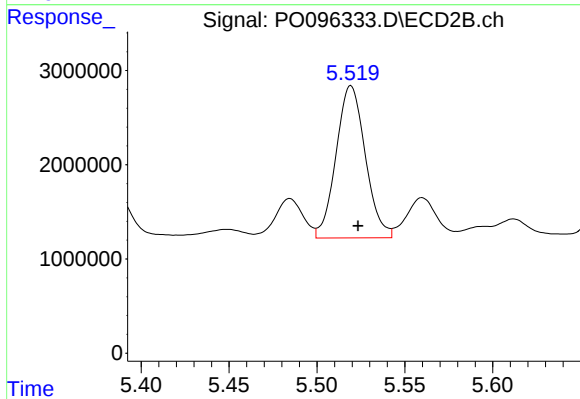
#25 AR-1248-5

R.T.: 5.560 min
Delta R.T.: -0.005 min
Response: 5112507
Conc: 116.58 ng/ml



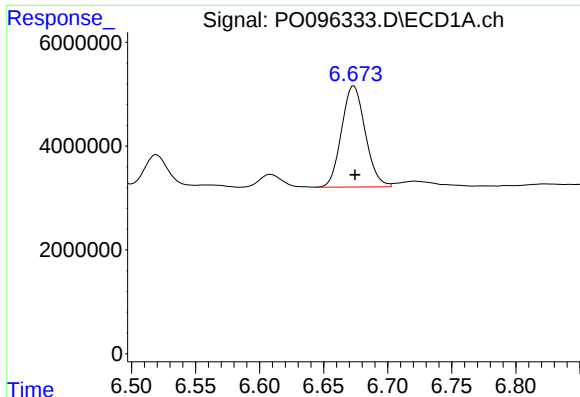
#26 AR-1254-1

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 30050204
Conc: 300.73 ng/ml



#26 AR-1254-1

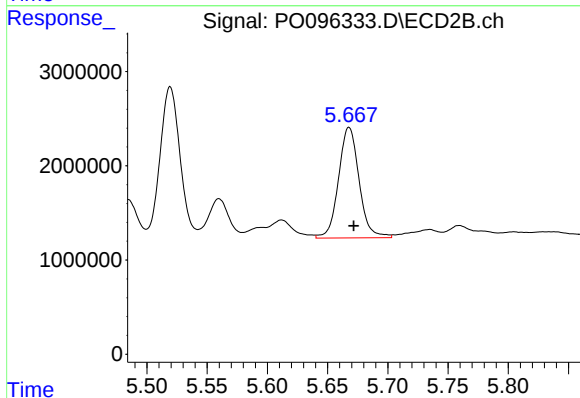
R.T.: 5.519 min
Delta R.T.: -0.004 min
Response: 18731501
Conc: 272.18 ng/ml



#27 AR-1254-2

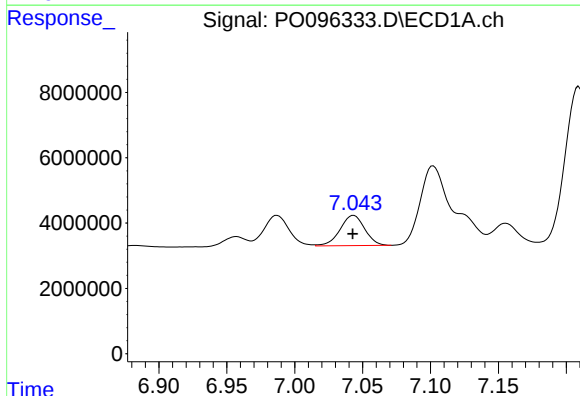
R.T.: 6.674 min
Delta R.T.: -0.001 min
Response: 25038718
Conc: 173.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



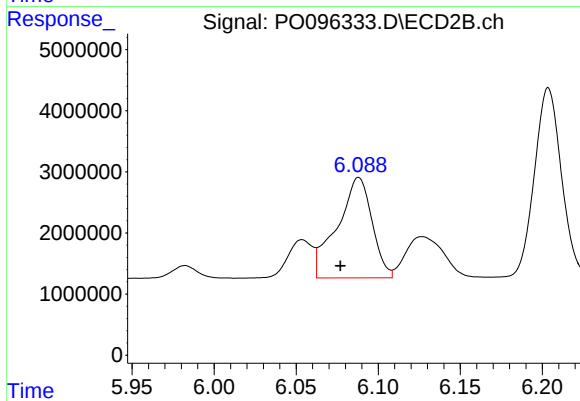
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.004 min
Response: 13969026
Conc: 230.04 ng/ml



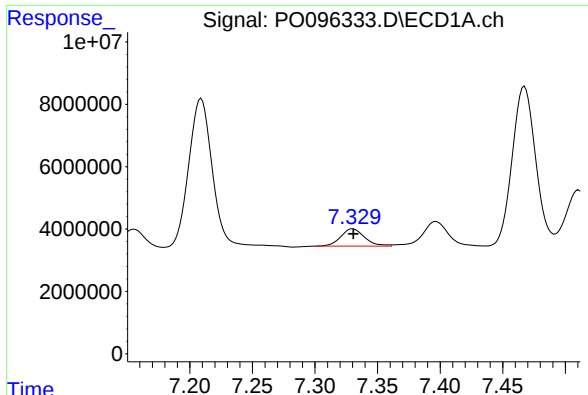
#28 AR-1254-3

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 11711766
Conc: 81.34 ng/ml



#28 AR-1254-3

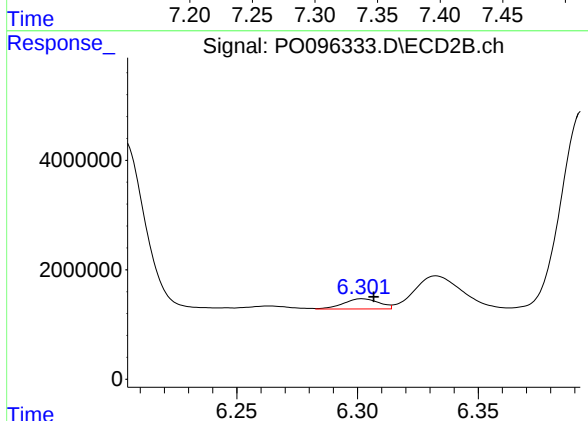
R.T.: 6.088 min
Delta R.T.: 0.011 min
Response: 24245679
Conc: 260.03 ng/ml



#29 AR-1254-4

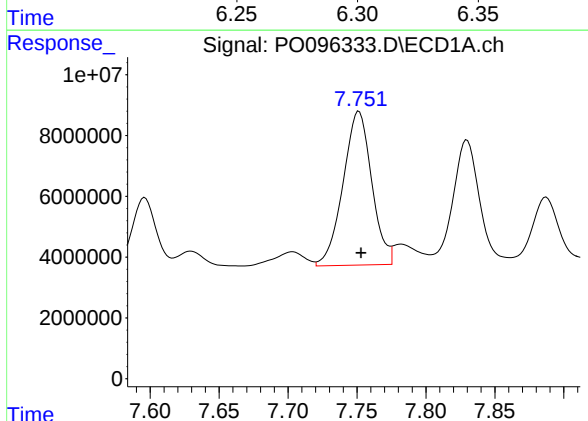
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 7339753
Conc: 79.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



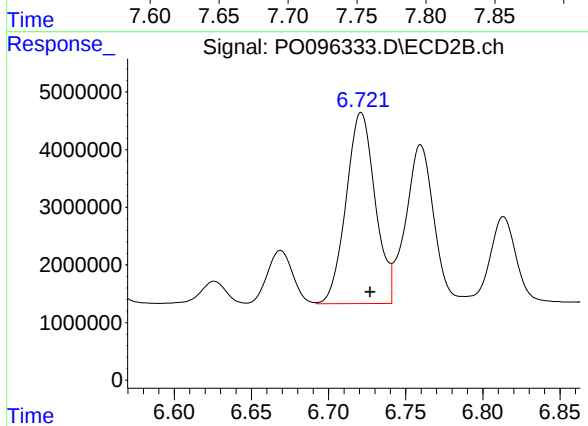
#29 AR-1254-4

R.T.: 6.302 min
Delta R.T.: -0.005 min
Response: 1931836
Conc: 34.58 ng/ml



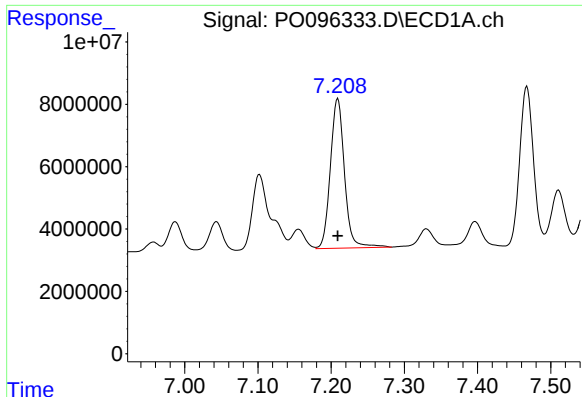
#30 AR-1254-5

R.T.: 7.751 min
Delta R.T.: -0.001 min
Response: 73273596
Conc: 712.84 ng/ml



#30 AR-1254-5

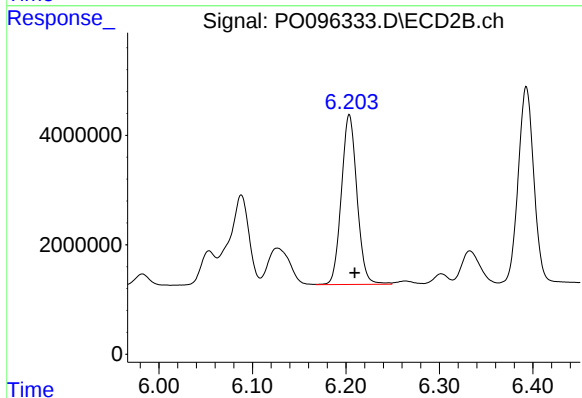
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 43450985
Conc: 545.59 ng/ml



#31 AR-1260-1

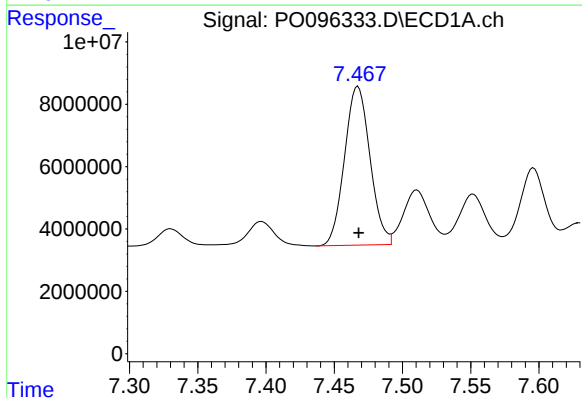
R.T.: 7.209 min
Delta R.T.: 0.000 min
Response: 64163963
Conc: 485.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



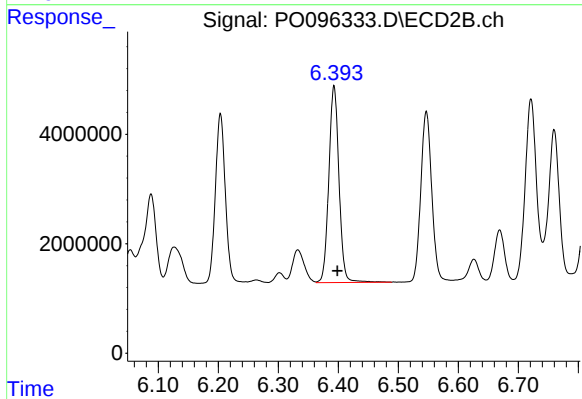
#31 AR-1260-1

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 35965723
Conc: 534.52 ng/ml



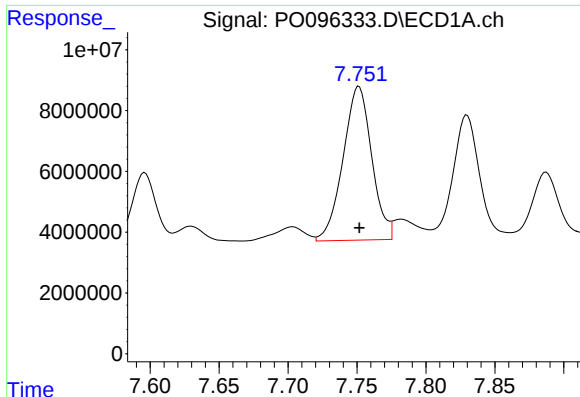
#32 AR-1260-2

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 66111038
Conc: 538.10 ng/ml



#32 AR-1260-2

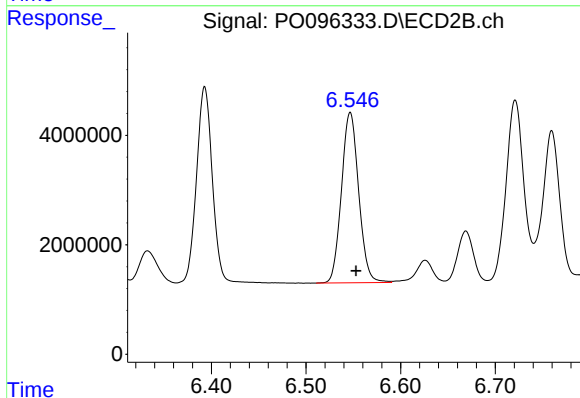
R.T.: 6.393 min
Delta R.T.: -0.006 min
Response: 42305447
Conc: 546.54 ng/ml



#33 AR-1260-3

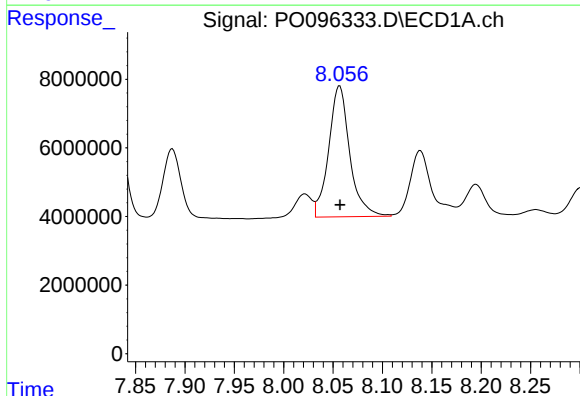
R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 73273596
Conc: 544.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



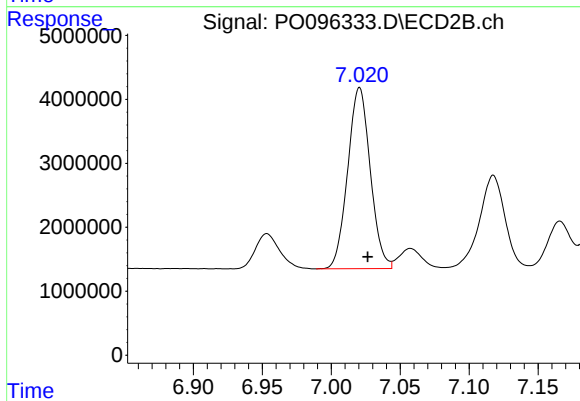
#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 39374645
Conc: 484.29 ng/ml



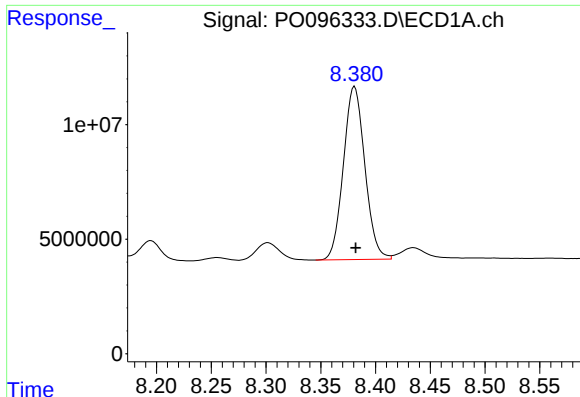
#34 AR-1260-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 56880113
Conc: 537.49 ng/ml



#34 AR-1260-4

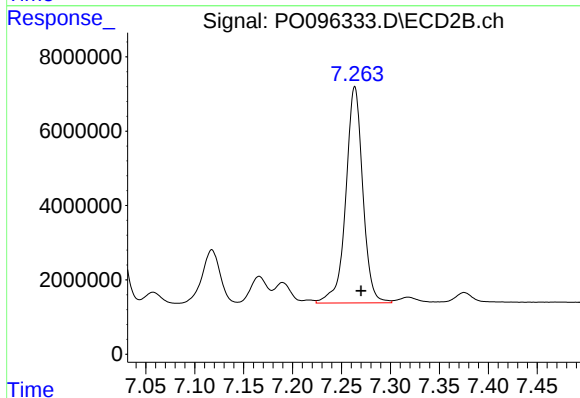
R.T.: 7.021 min
Delta R.T.: -0.006 min
Response: 32264888
Conc: 538.22 ng/ml



#35 AR-1260-5

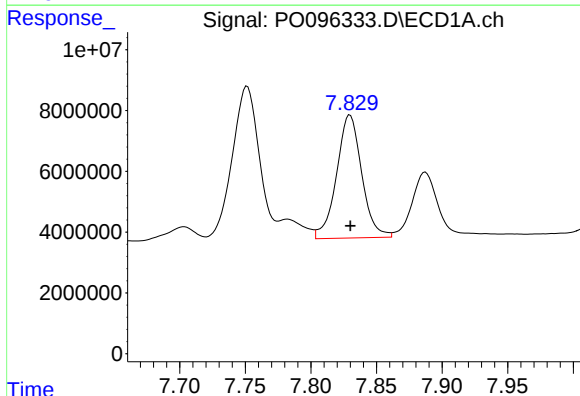
R.T.: 8.381 min
Delta R.T.: -0.001 min
Response: 103116558
Conc: 529.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



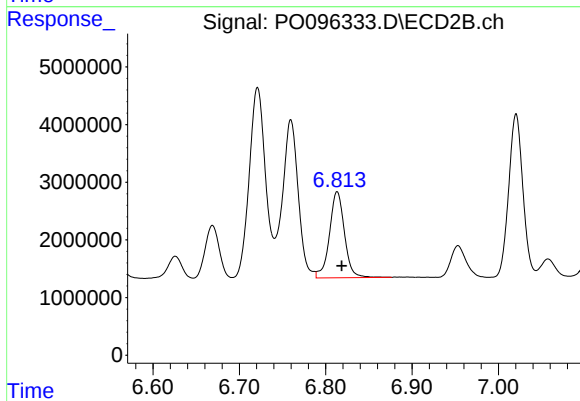
#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 70279632
Conc: 537.59 ng/ml



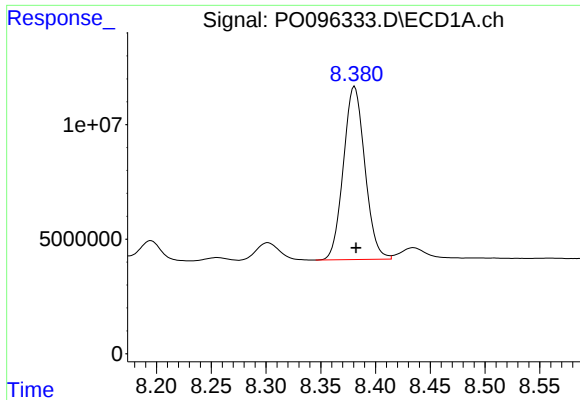
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 53976554
Conc: 379.89 ng/ml



#36 AR-1262-1

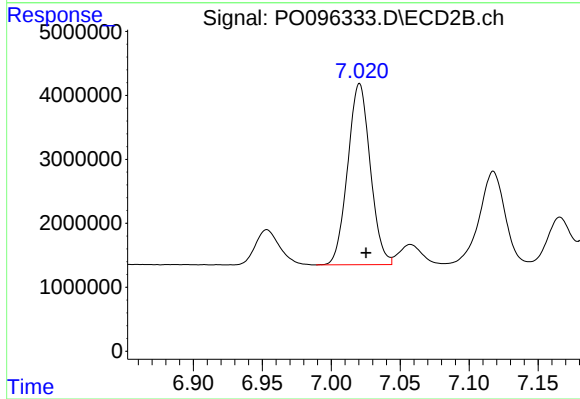
R.T.: 6.813 min
Delta R.T.: -0.005 min
Response: 18022032
Conc: 501.73 ng/ml



#37 AR-1262-2

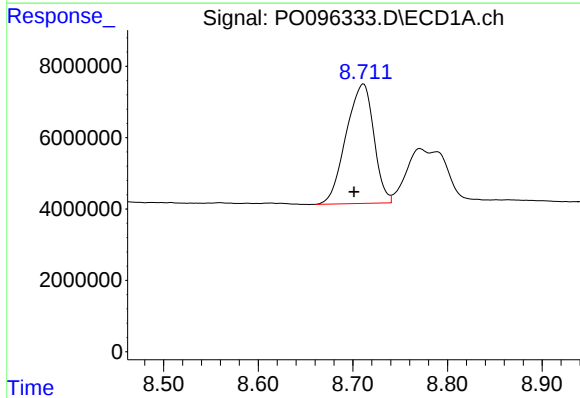
R.T.: 8.381 min
Delta R.T.: -0.001 min
Response: 103116558
Conc: 479.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



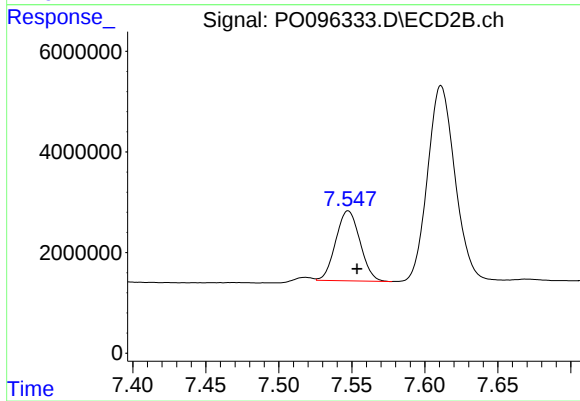
#37 AR-1262-2

R.T.: 7.021 min
Delta R.T.: -0.005 min
Response: 32264888
Conc: 425.48 ng/ml



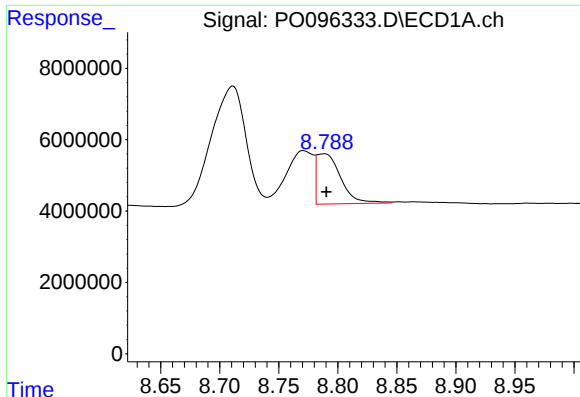
#38 AR-1262-3

R.T.: 8.711 min
Delta R.T.: 0.010 min
Response: 68249997
Conc: 436.29 ng/ml



#38 AR-1262-3

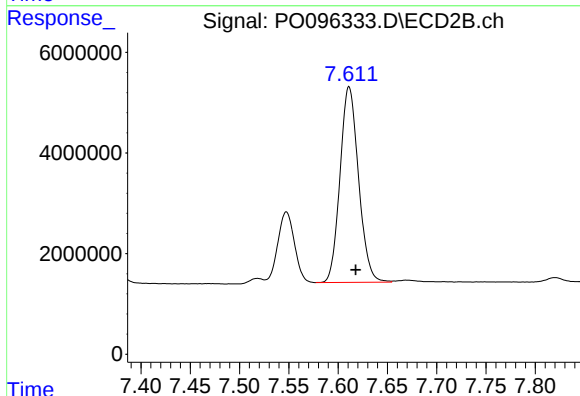
R.T.: 7.548 min
Delta R.T.: -0.006 min
Response: 16037750
Conc: 275.21 ng/ml



#39 AR-1262-4

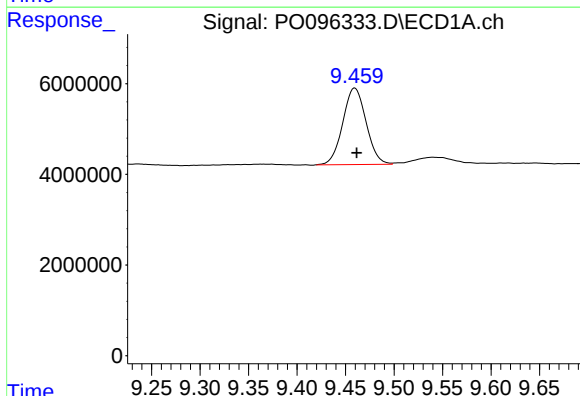
R.T.: 8.789 min
Delta R.T.: -0.002 min
Response: 20111543
Conc: 162.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



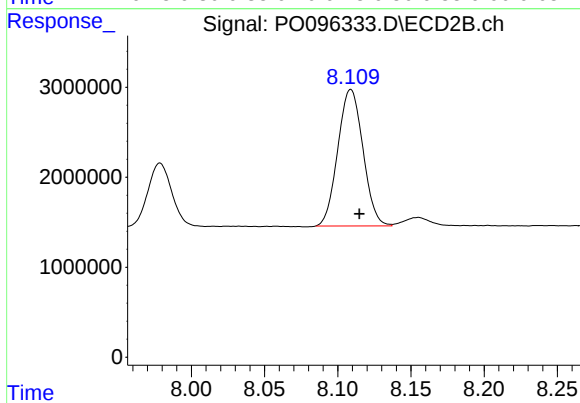
#39 AR-1262-4

R.T.: 7.611 min
Delta R.T.: -0.007 min
Response: 50818463
Conc: 486.03 ng/ml



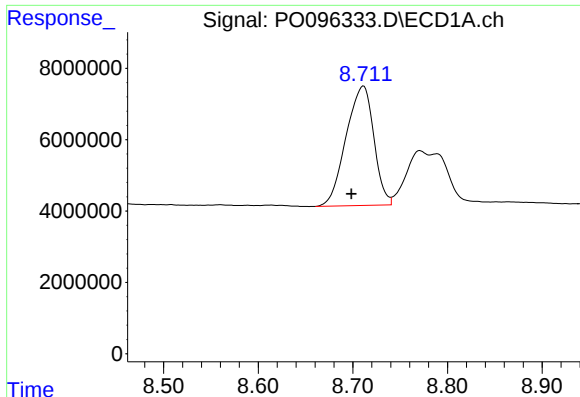
#40 AR-1262-5

R.T.: 9.460 min
Delta R.T.: -0.002 min
Response: 28231834
Conc: 357.82 ng/ml



#40 AR-1262-5

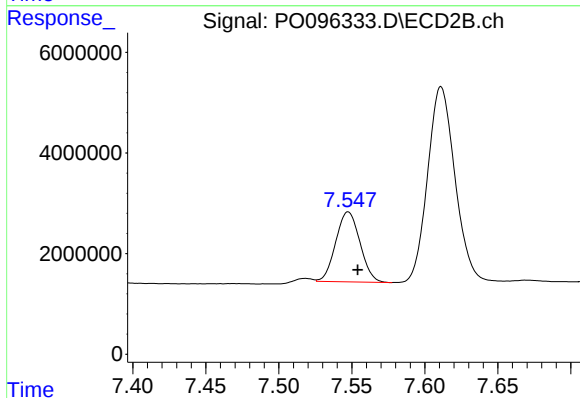
R.T.: 8.109 min
Delta R.T.: -0.006 min
Response: 18145925
Conc: 368.48 ng/ml



#41 AR-1268-1

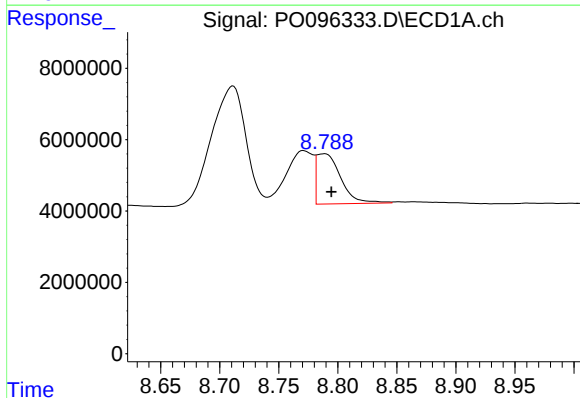
R.T.: 8.711 min
Delta R.T.: 0.013 min
Response: 68249997
Conc: 232.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



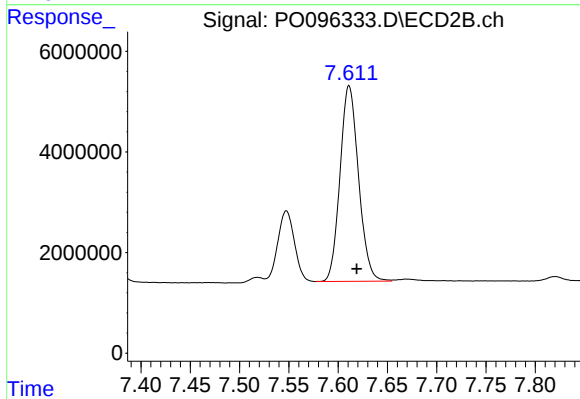
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: -0.007 min
Response: 16037750
Conc: 92.93 ng/ml



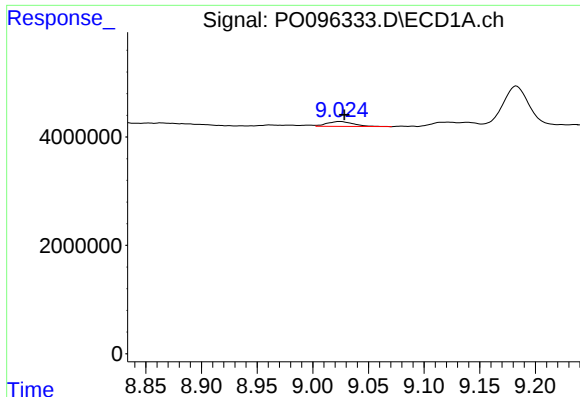
#42 AR-1268-2

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 20111543
Conc: 75.04 ng/ml



#42 AR-1268-2

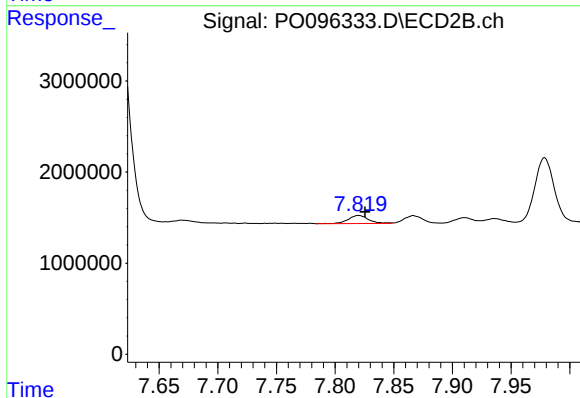
R.T.: 7.611 min
Delta R.T.: -0.008 min
Response: 50818463
Conc: 327.77 ng/ml



#43 AR-1268-3

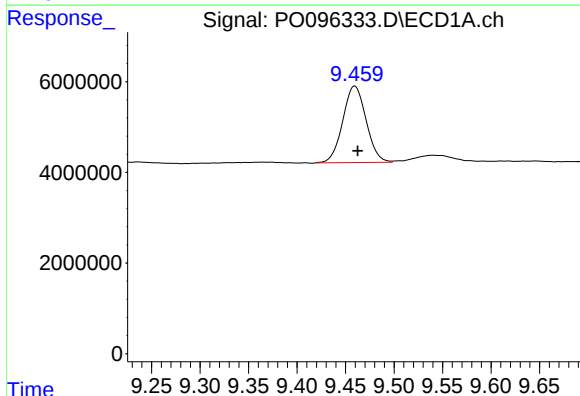
R.T.: 9.024 min
Delta R.T.: -0.004 min
Response: 1514181
Conc: 6.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



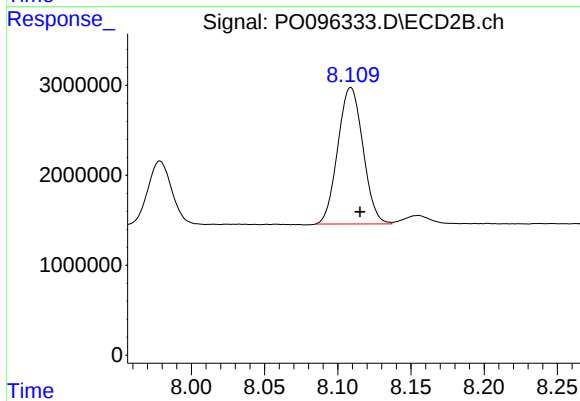
#43 AR-1268-3

R.T.: 7.820 min
Delta R.T.: -0.005 min
Response: 1066215
Conc: 7.76 ng/ml



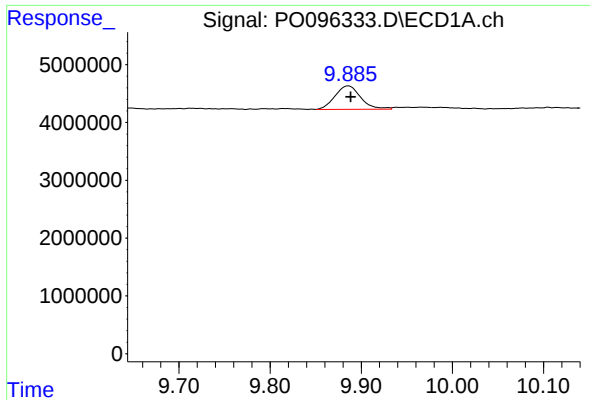
#44 AR-1268-4

R.T.: 9.460 min
Delta R.T.: -0.003 min
Response: 28231834
Conc: 322.31 ng/ml



#44 AR-1268-4

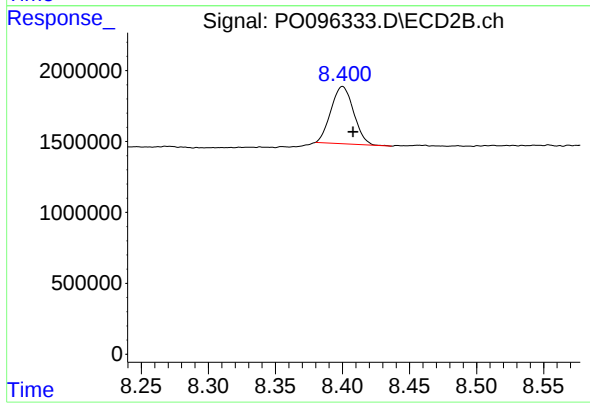
R.T.: 8.109 min
Delta R.T.: -0.006 min
Response: 18145925
Conc: 326.50 ng/ml



#45 AR-1268-5

R.T.: 9.886 min
Delta R.T.: -0.003 min
Response: 7936953
Conc: 10.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.400 min
Delta R.T.: -0.008 min
Response: 4747349
Conc: 12.16 ng/ml