

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060623\
 Data File : P0095533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2023 19:35
 Operator : YP/AJ
 Sample : 03043-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 21:24:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 02 06:53:15 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...	4.438	3.656	84279069	44405652	22.867	28.311
2)	SA Decachlor...	10.291	8.714	69557802	31617747	25.701	24.440
Target Compounds							
3)	L1 AR-1016-1	5.621	4.749	39914345	41757697	329.335	717.148 #
4)	L1 AR-1016-2	5.645	4.768	106.1E6	27340927	631.232	356.581 #
5)	L1 AR-1016-3	5.706	4.946	49341746	10455837	469.145	251.865 #
6)	L1 AR-1016-4	5.812	4.989	82385176	12658936	988.869	359.032 #
7)	L1 AR-1016-5	6.102	5.203	59942940	16177414	724.662	363.628 #
8)	L2 AR-1221-1	4.647	3.867	9583017	3008586	208.069	147.459 #
9)	L2 AR-1221-2	4.719	3.936	20836882	1398282	606.496	90.071 #
10)	L2 AR-1221-3	4.813	4.030	8342759	22241594	82.162	478.921 #
11)	L3 AR-1232-1	4.813	4.030	8342759	22241594	113.742	662.190 #
12)	L3 AR-1232-2	5.337	4.768	17524208	27340927	426.492	807.819 #
13)	L3 AR-1232-3	5.645	4.946	106.1E6	10455837	1435.024	560.792 #
14)	L3 AR-1232-4	5.812	5.031	82385176	19927176	2224.509	1120.045 #
15)	L3 AR-1232-5	5.897	5.203	26632717	16177414	867.863	821.752
16)	L4 AR-1242-1	5.621	4.749	39914345	41757697	431.254	936.058 #
17)	L4 AR-1242-2	5.645	4.768	106.1E6	27340927	832.140	470.584 #
18)	L4 AR-1242-3	5.706	4.946	49341746	10455837	606.316	332.040 #
19)	L4 AR-1242-4	5.812	5.031	82385176	19927176	1278.037	590.751 #
20)	L4 AR-1242-5	6.571	5.558	361.3E6	20388688	5234.082	475.522 #
21)	L5 AR-1248-1	5.621	4.749	39914345	41757697	538.700	1186.395 #
22)	L5 AR-1248-2	5.897	4.989	26632717	12658936	248.953	253.521
23)	L5 AR-1248-3	6.102	5.031	59942940	19927176	523.289	380.467 #
24)	L5 AR-1248-4	6.511	5.203	36262272	16177414	292.332	265.226
25)	L5 AR-1248-5	6.571	5.603	361.3E6	30643891	2965.281	514.918 #
26)	L6 AR-1254-1	6.483	5.558	23315501	20388688	182.823	231.677 #
27)	L6 AR-1254-2	6.708	5.707	20869350	6058891	109.992	76.009 #
28)	L6 AR-1254-3	7.077	6.114	13840343	5152726	72.950	42.157 #
29)	L6 AR-1254-4	7.363	6.344	7793108	3420976	55.044	45.330
30)	L6 AR-1254-5	7.785	6.763	7520607	4301690	47.443	38.447
31)	L7 AR-1260-1	7.242	6.256	1360626	1699324	9.176	19.919 #
32)	L7 AR-1260-2	7.499	6.435	7400996	1915887	42.164	18.750 #
33)	L7 AR-1260-3	7.864	6.588	3201846	1159848	28.522	12.388 #
34)	L7 AR-1260-4	8.088	7.068	8820281	3394779	64.733	49.907
35)	L7 AR-1260-5	8.417	7.307	25697173	11775693	100.945	74.671 #
36)	L8 AR-1262-1	7.864	6.855	3201846	1200019	17.346	25.920 #
37)	L8 AR-1262-2	8.417	7.068	25697173	3394779	80.486	34.806 #
38)	L8 AR-1262-3	8.749	7.594	17524212	3508937	78.939	45.772 #
39)	L8 AR-1262-4	8.829	7.657	5732908	10752167	48.690	78.226 #
40)	L8 AR-1262-5	9.506	8.157	10865707	4715940	90.582	74.141
41)	L9 AR-1268-1	8.749	7.594	17524212	3508937	47.516	16.234 #

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 Sample : 03043-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

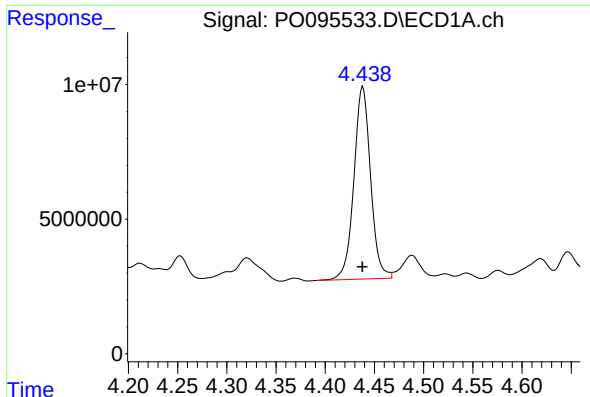
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 21:24:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060123.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	8.829	7.657	5732908	10752167	16.921	56.332 #
43) L9	AR-1268-3	9.068	7.873	939253	642195	3.249	3.962
44) L9	AR-1268-4	9.506	8.157	10865707	4715940	85.440	68.546
45) L9	AR-1268-5	9.935	8.453	4211070	1300452	4.477	2.711 #

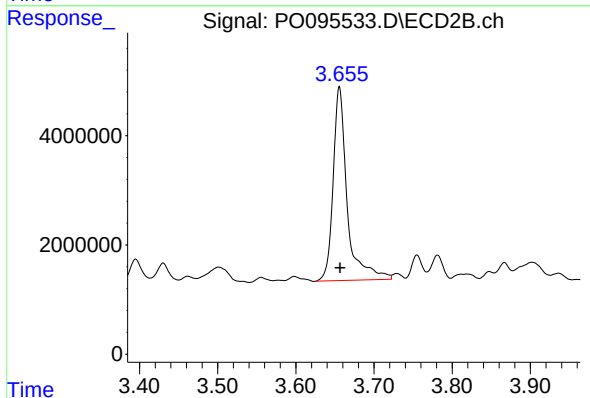
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

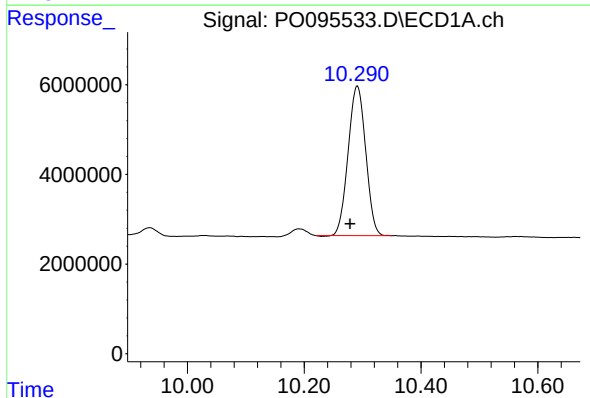
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 84279069
Conc: 22.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



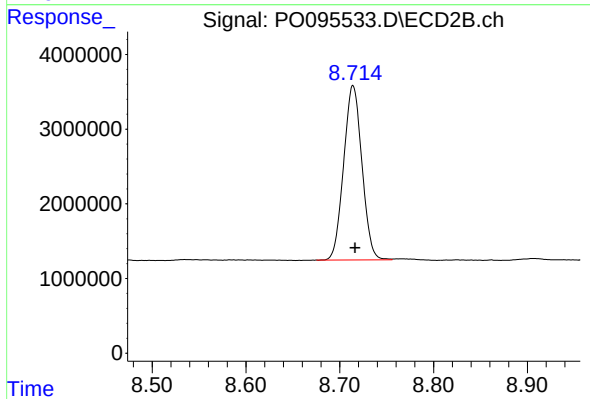
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 44405652
Conc: 28.31 ng/ml



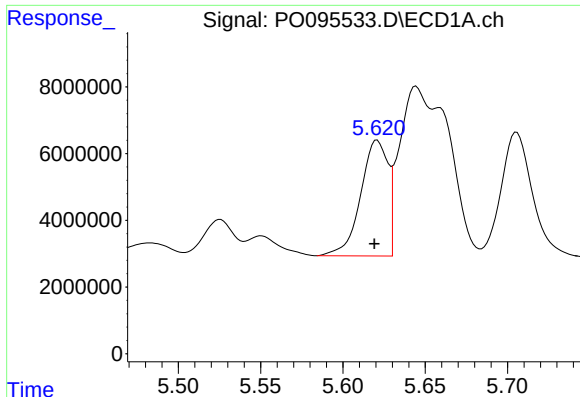
#2 Decachlorobiphenyl

R.T.: 10.291 min
Delta R.T.: 0.012 min
Response: 69557802
Conc: 25.70 ng/ml



#2 Decachlorobiphenyl

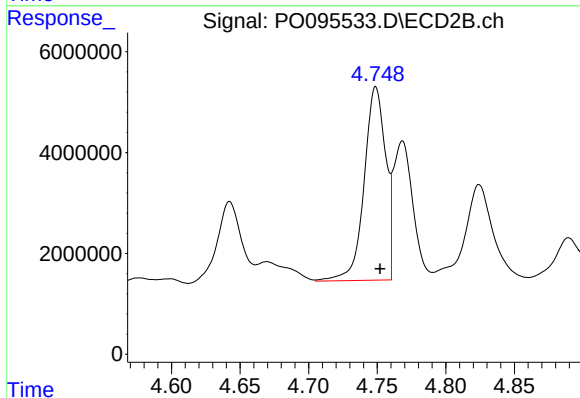
R.T.: 8.714 min
Delta R.T.: -0.002 min
Response: 31617747
Conc: 24.44 ng/ml



#3 AR-1016-1

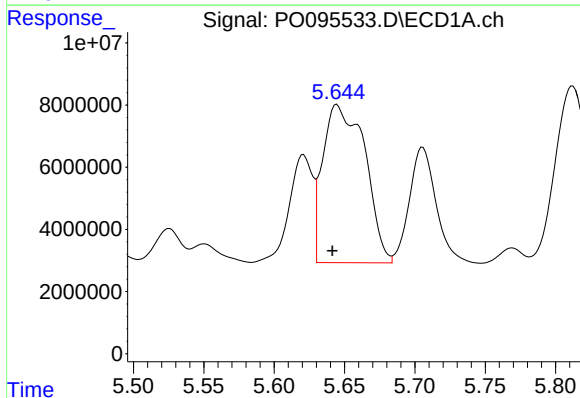
R.T.: 5.621 min
Delta R.T.: 0.002 min
Response: 39914345
Conc: 329.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



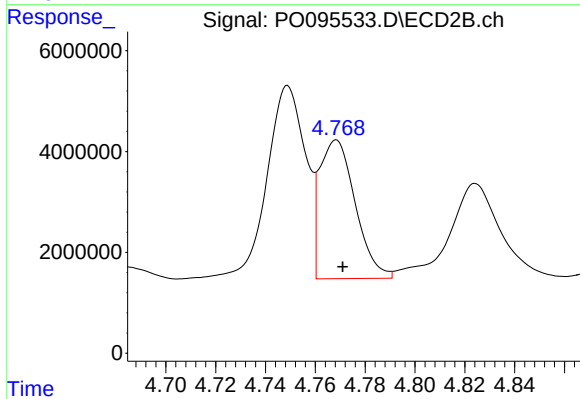
#3 AR-1016-1

R.T.: 4.749 min
Delta R.T.: -0.003 min
Response: 41757697
Conc: 717.15 ng/ml



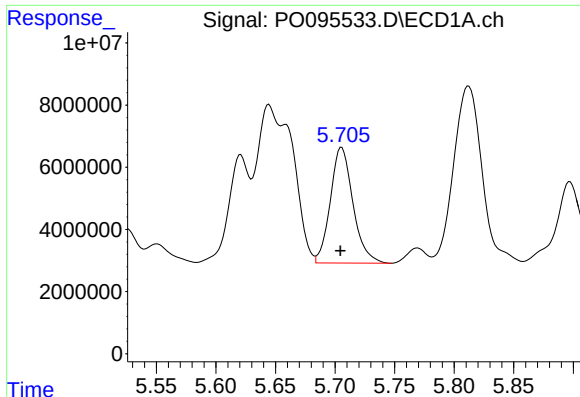
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: 0.003 min
Response: 106060690
Conc: 631.23 ng/ml



#4 AR-1016-2

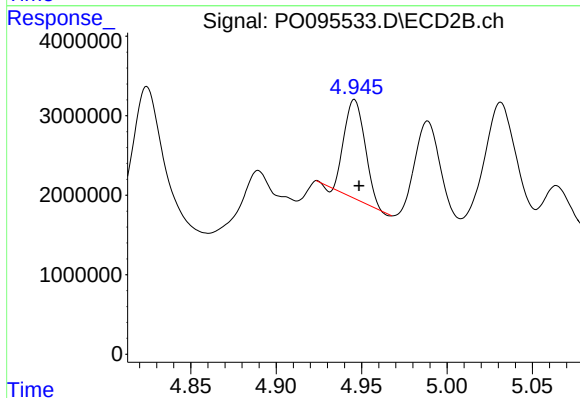
R.T.: 4.768 min
Delta R.T.: -0.003 min
Response: 27340927
Conc: 356.58 ng/ml



#5 AR-1016-3

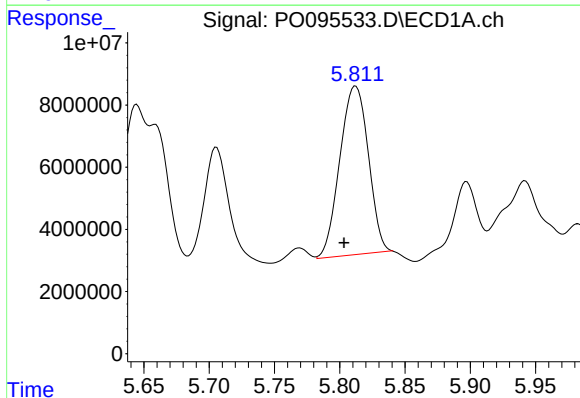
R.T.: 5.706 min
Delta R.T.: 0.001 min
Response: 49341746
Conc: 469.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



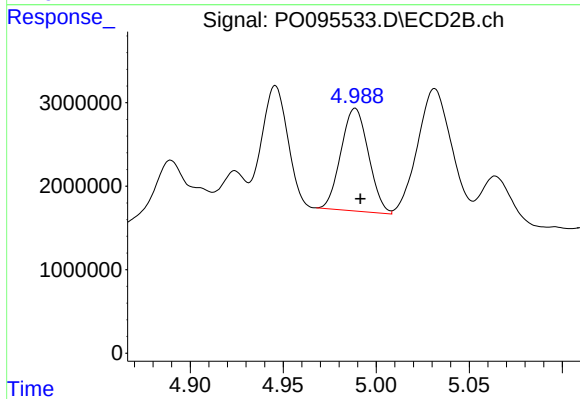
#5 AR-1016-3

R.T.: 4.946 min
Delta R.T.: -0.003 min
Response: 10455837
Conc: 251.87 ng/ml



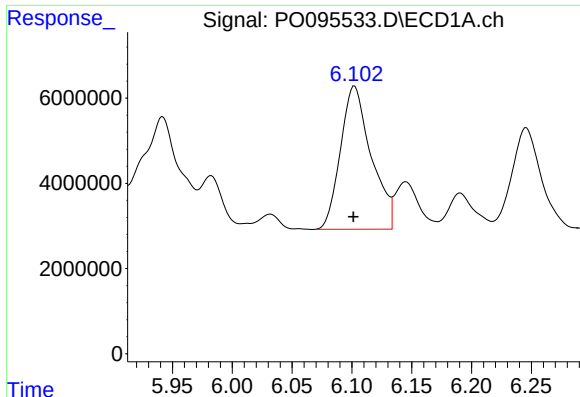
#6 AR-1016-4

R.T.: 5.812 min
Delta R.T.: 0.009 min
Response: 82385176
Conc: 988.87 ng/ml



#6 AR-1016-4

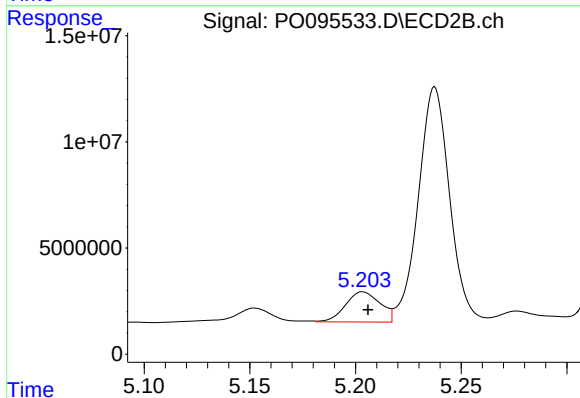
R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 12658936
Conc: 359.03 ng/ml



#7 AR-1016-5

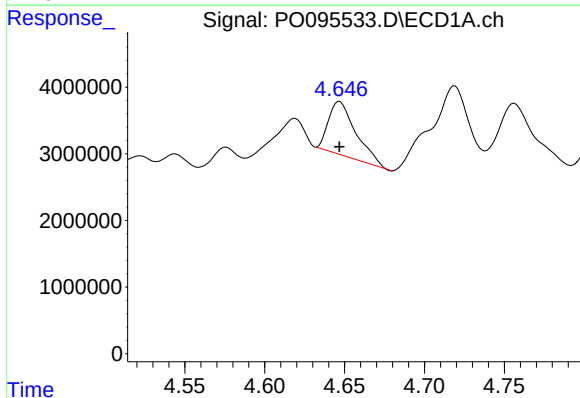
R.T.: 6.102 min
Delta R.T.: 0.001 min
Response: 59942940
Conc: 724.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



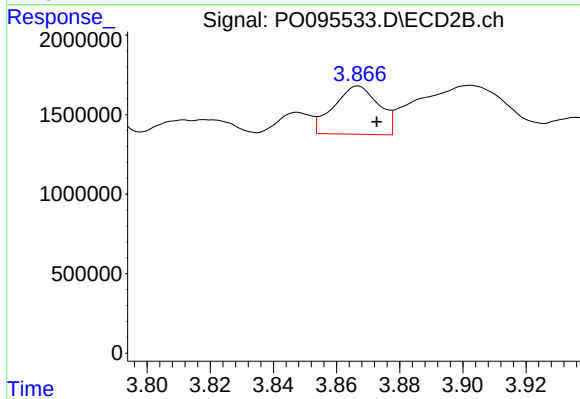
#7 AR-1016-5

R.T.: 5.203 min
Delta R.T.: -0.002 min
Response: 16177414
Conc: 363.63 ng/ml



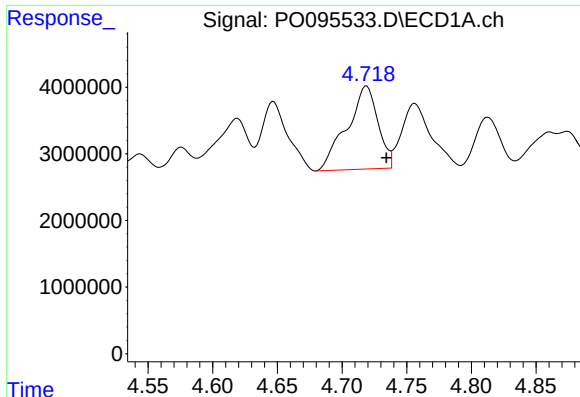
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 9583017
Conc: 208.07 ng/ml



#8 AR-1221-1

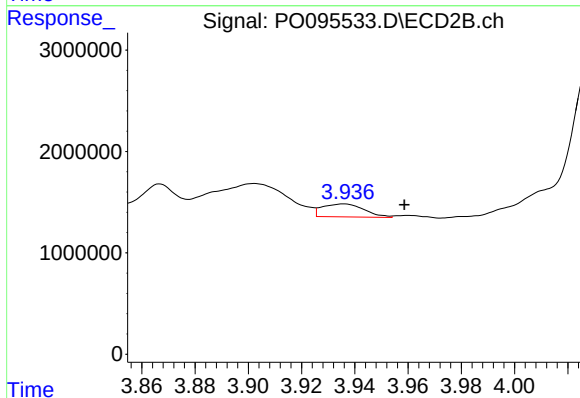
R.T.: 3.867 min
Delta R.T.: -0.006 min
Response: 3008586
Conc: 147.46 ng/ml



#9 AR-1221-2

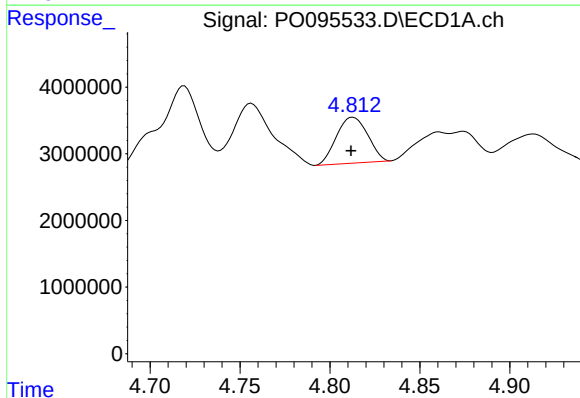
R.T.: 4.719 min
Delta R.T.: -0.015 min
Response: 20836882
Conc: 606.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



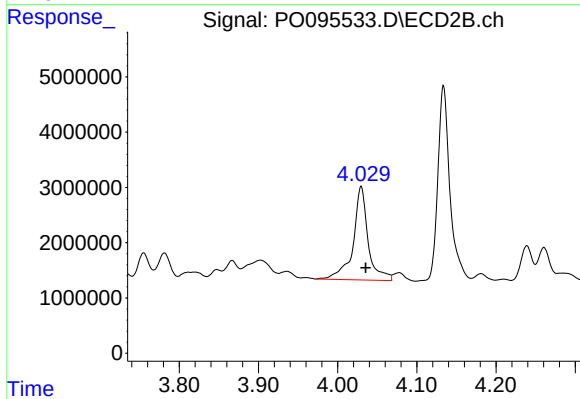
#9 AR-1221-2

R.T.: 3.936 min
Delta R.T.: -0.023 min
Response: 1398282
Conc: 90.07 ng/ml



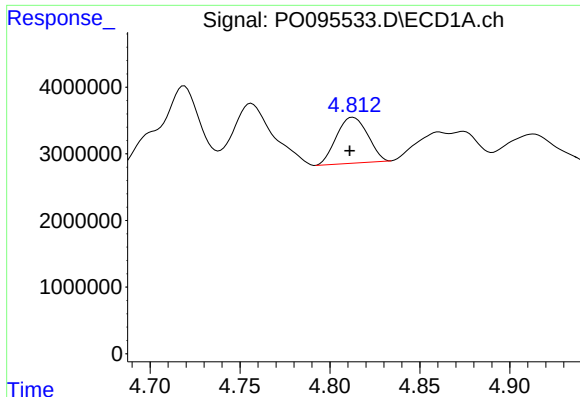
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: 0.001 min
Response: 8342759
Conc: 82.16 ng/ml



#10 AR-1221-3

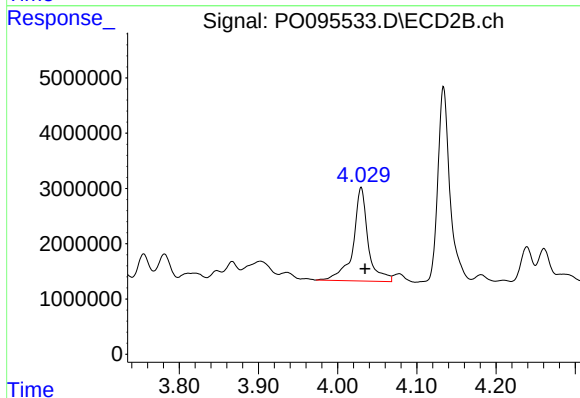
R.T.: 4.030 min
Delta R.T.: -0.006 min
Response: 22241594
Conc: 478.92 ng/ml



#11 AR-1232-1

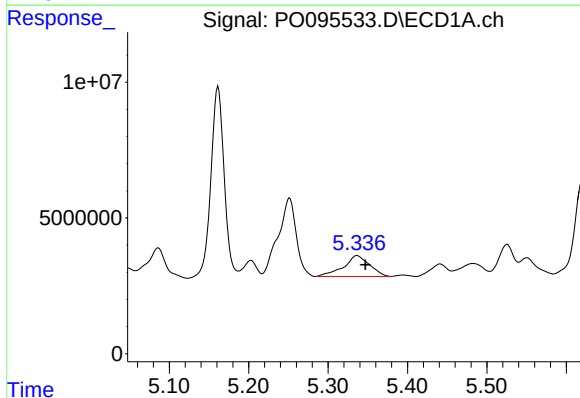
R.T.: 4.813 min
Delta R.T.: 0.002 min
Response: 8342759
Conc: 113.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



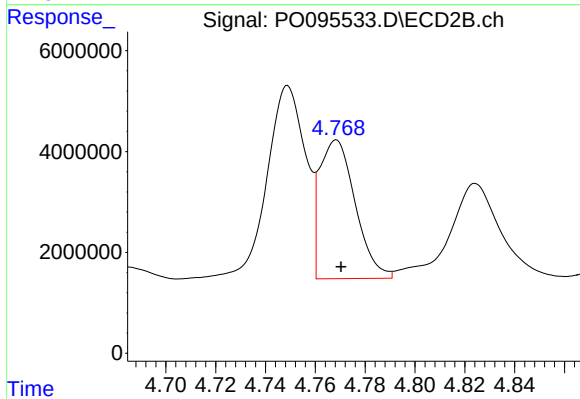
#11 AR-1232-1

R.T.: 4.030 min
Delta R.T.: -0.005 min
Response: 22241594
Conc: 662.19 ng/ml



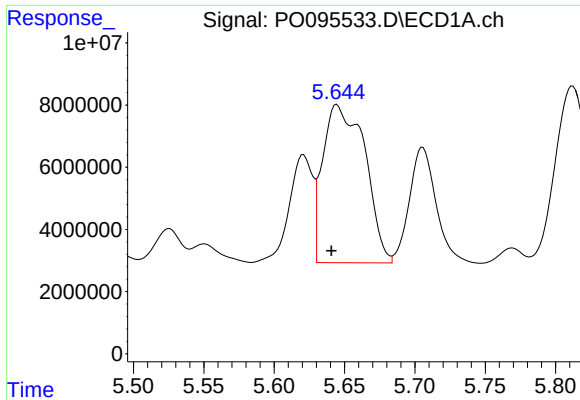
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: -0.011 min
Response: 17524208
Conc: 426.49 ng/ml



#12 AR-1232-2

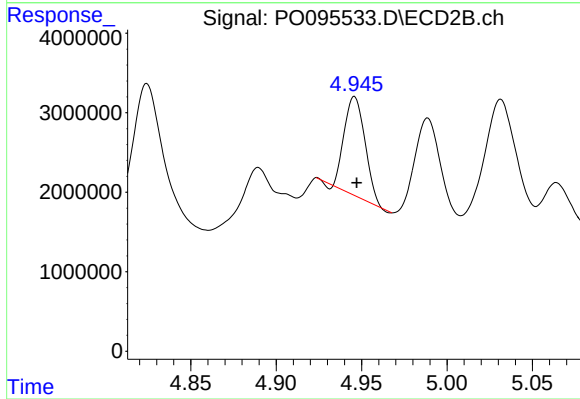
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 27340927
Conc: 807.82 ng/ml



#13 AR-1232-3

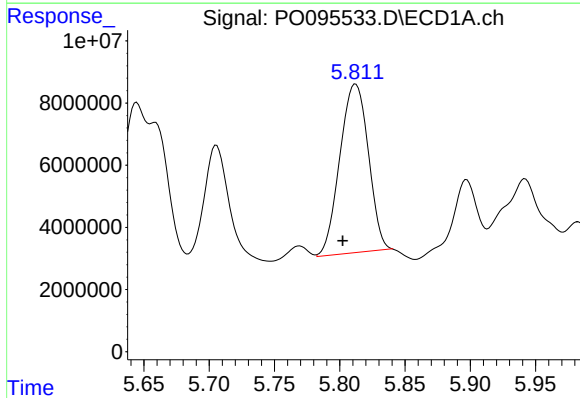
R.T.: 5.645 min
Delta R.T.: 0.004 min
Response: 106060690
Conc: 1435.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



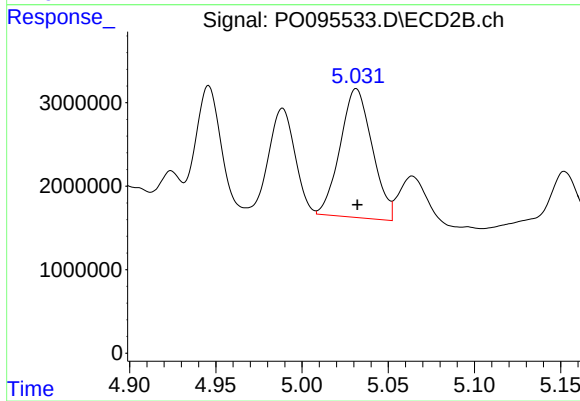
#13 AR-1232-3

R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 10455837
Conc: 560.79 ng/ml



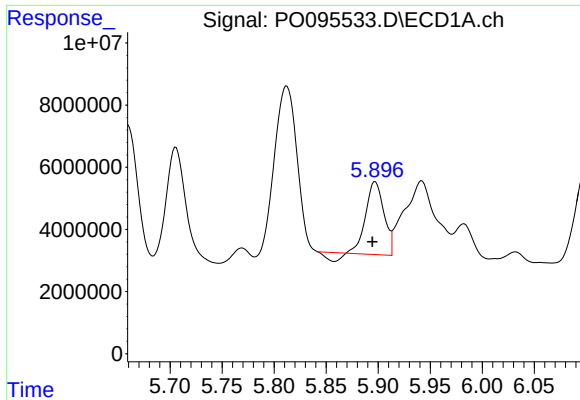
#14 AR-1232-4

R.T.: 5.812 min
Delta R.T.: 0.010 min
Response: 82385176
Conc: 2224.51 ng/ml



#14 AR-1232-4

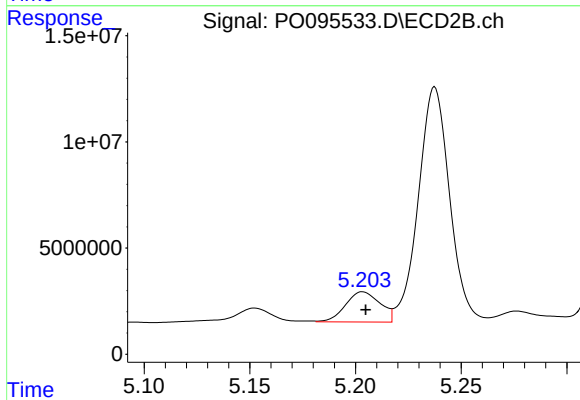
R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 19927176
Conc: 1120.05 ng/ml



#15 AR-1232-5

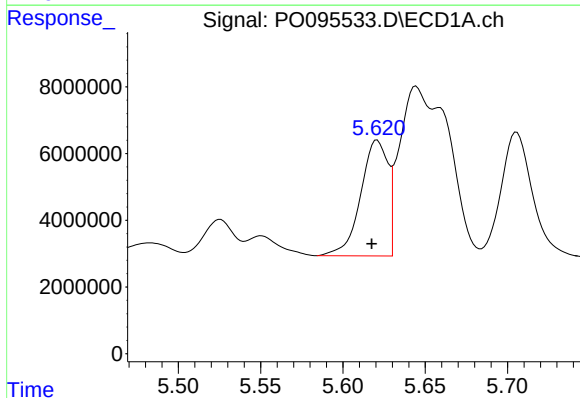
R.T.: 5.897 min
Delta R.T.: 0.003 min
Response: 26632717
Conc: 867.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



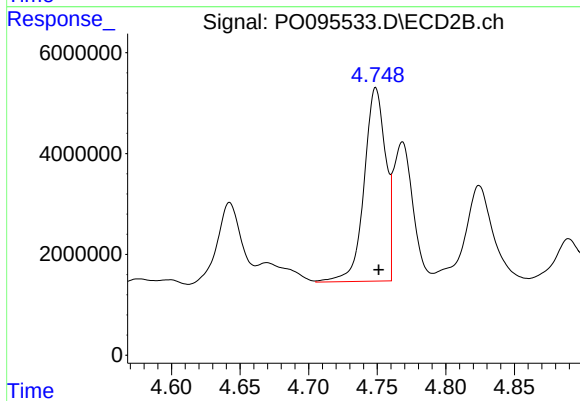
#15 AR-1232-5

R.T.: 5.203 min
Delta R.T.: -0.001 min
Response: 16177414
Conc: 821.75 ng/ml



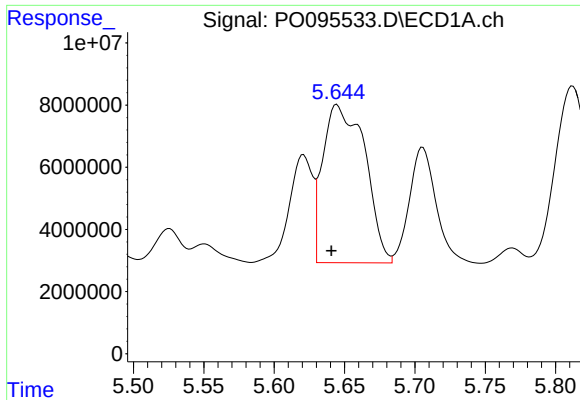
#16 AR-1242-1

R.T.: 5.621 min
Delta R.T.: 0.003 min
Response: 39914345
Conc: 431.25 ng/ml



#16 AR-1242-1

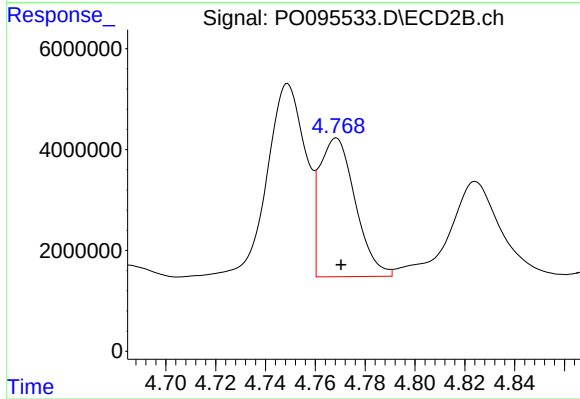
R.T.: 4.749 min
Delta R.T.: -0.002 min
Response: 41757697
Conc: 936.06 ng/ml



#17 AR-1242-2

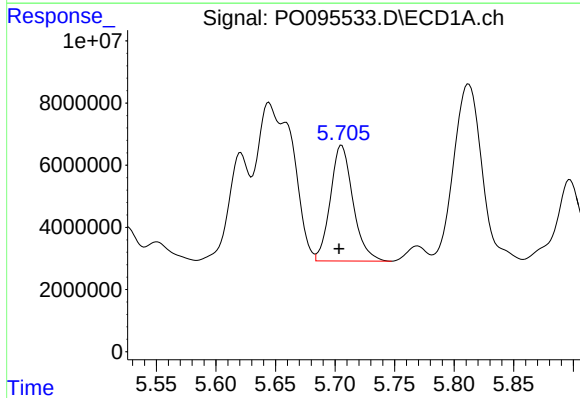
R.T.: 5.645 min
Delta R.T.: 0.004 min
Response: 106060690
Conc: 832.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



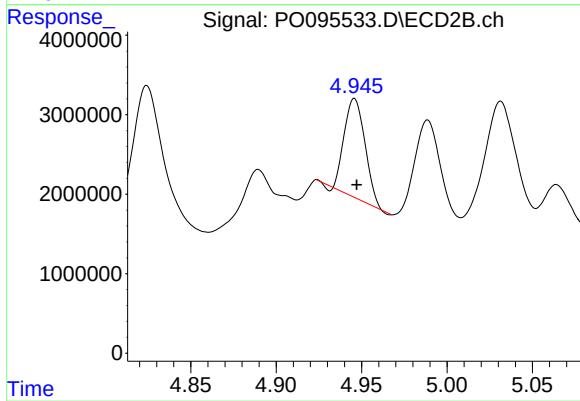
#17 AR-1242-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 27340927
Conc: 470.58 ng/ml



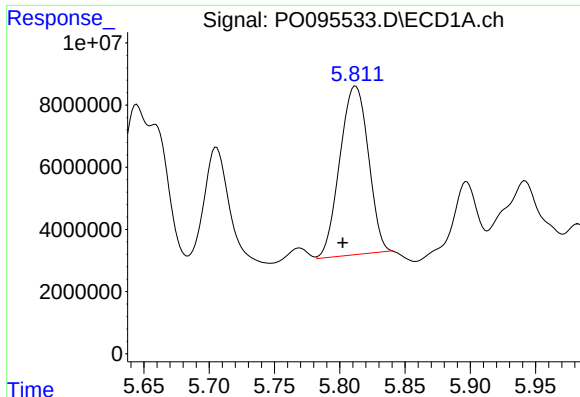
#18 AR-1242-3

R.T.: 5.706 min
Delta R.T.: 0.002 min
Response: 49341746
Conc: 606.32 ng/ml



#18 AR-1242-3

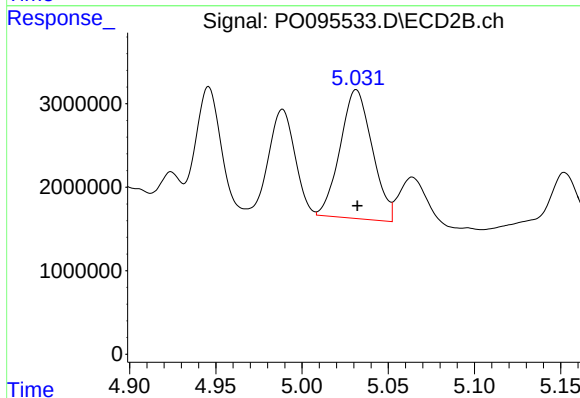
R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 10455837
Conc: 332.04 ng/ml



#19 AR-1242-4

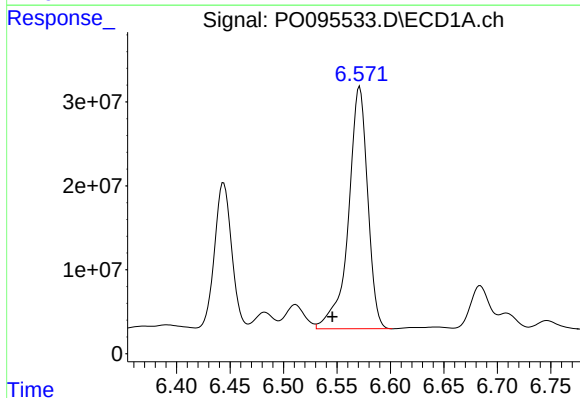
R.T.: 5.812 min
Delta R.T.: 0.010 min
Response: 82385176
Conc: 1278.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



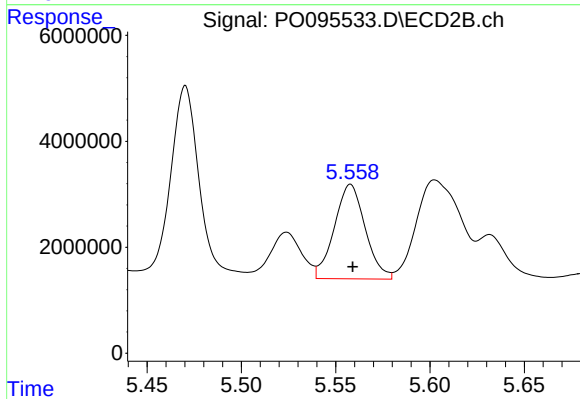
#19 AR-1242-4

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 19927176
Conc: 590.75 ng/ml



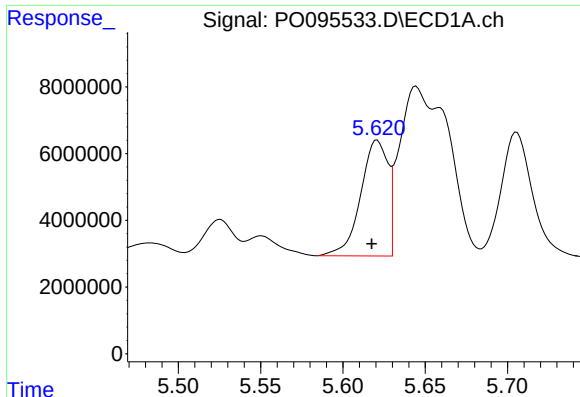
#20 AR-1242-5

R.T.: 6.571 min
Delta R.T.: 0.025 min
Response: 361343767
Conc: 5234.08 ng/ml



#20 AR-1242-5

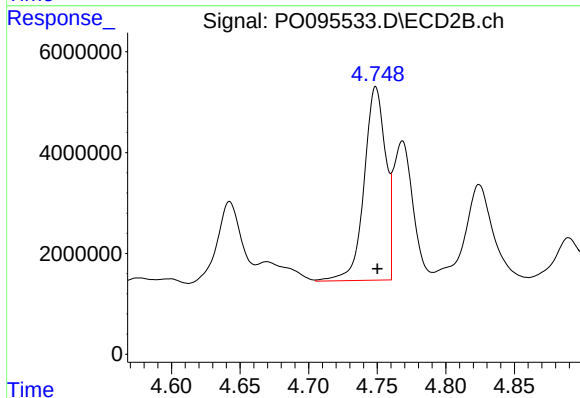
R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 20388688
Conc: 475.52 ng/ml



#21 AR-1248-1

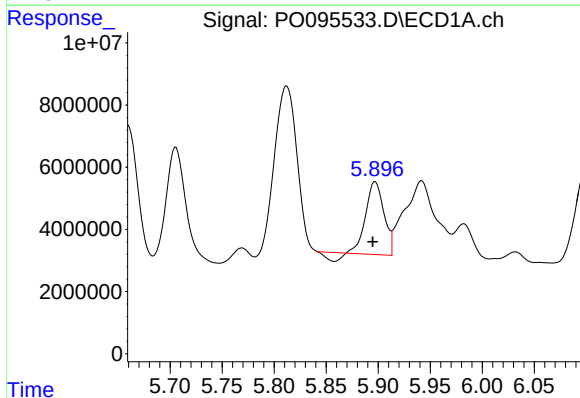
R.T.: 5.621 min
Delta R.T.: 0.003 min
Response: 39914345
Conc: 538.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



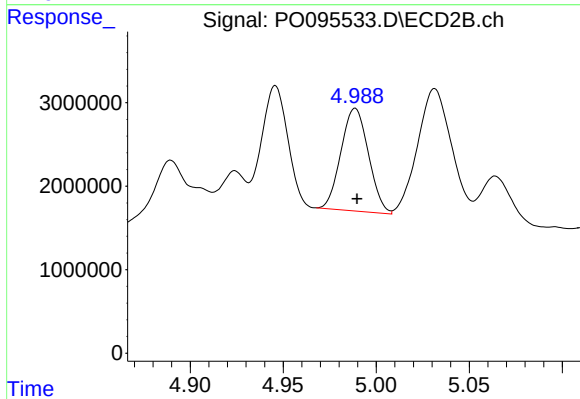
#21 AR-1248-1

R.T.: 4.749 min
Delta R.T.: -0.001 min
Response: 41757697
Conc: 1186.39 ng/ml



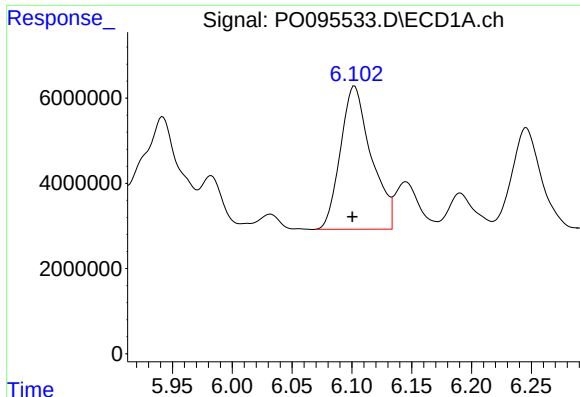
#22 AR-1248-2

R.T.: 5.897 min
Delta R.T.: 0.003 min
Response: 26632717
Conc: 248.95 ng/ml



#22 AR-1248-2

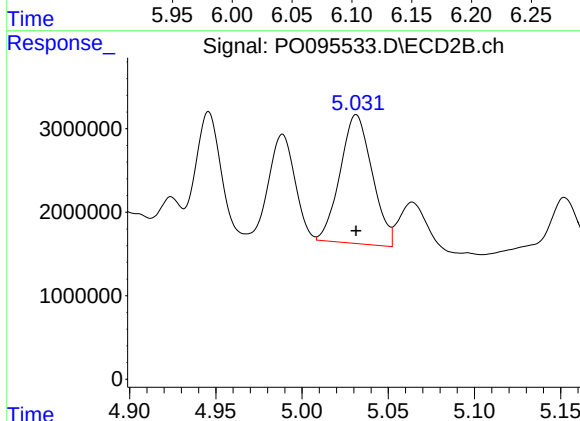
R.T.: 4.989 min
Delta R.T.: -0.001 min
Response: 12658936
Conc: 253.52 ng/ml



#23 AR-1248-3

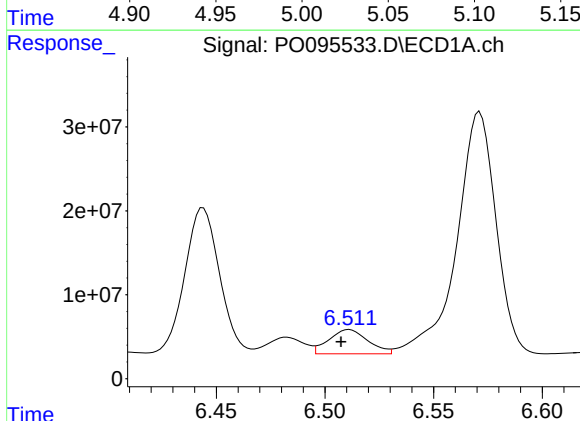
R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 59942940
Conc: 523.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



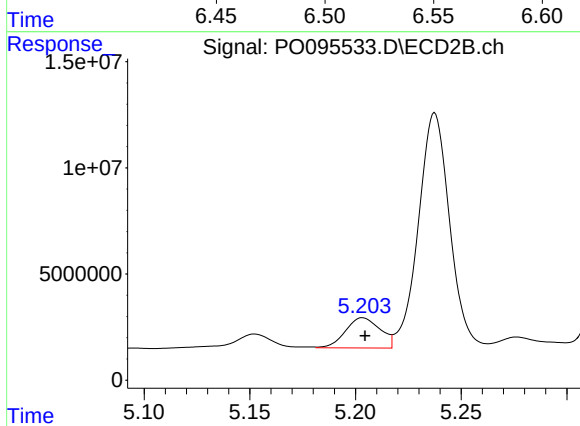
#23 AR-1248-3

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 19927176
Conc: 380.47 ng/ml



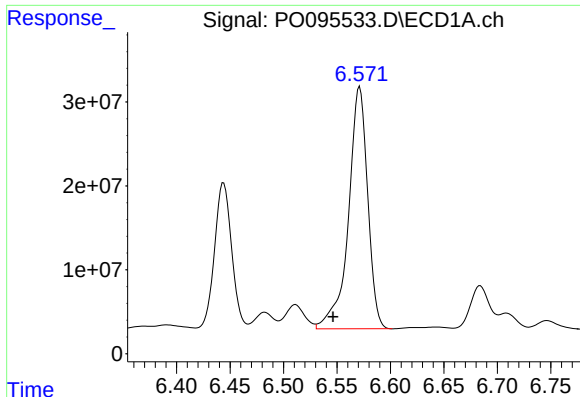
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: 0.004 min
Response: 36262272
Conc: 292.33 ng/ml



#24 AR-1248-4

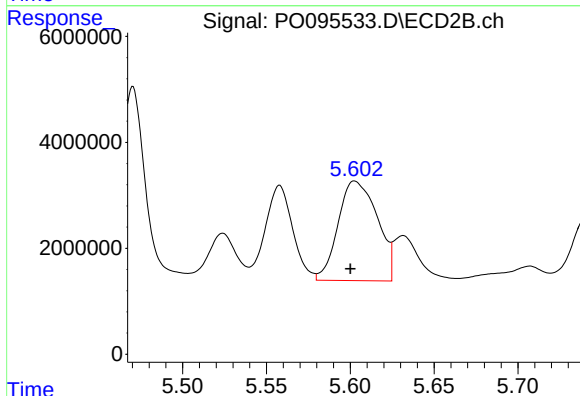
R.T.: 5.203 min
Delta R.T.: -0.001 min
Response: 16177414
Conc: 265.23 ng/ml



#25 AR-1248-5

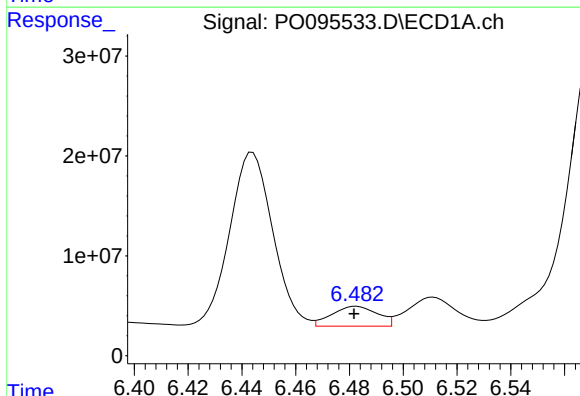
R.T.: 6.571 min
Delta R.T.: 0.025 min
Response: 361343767
Conc: 2965.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



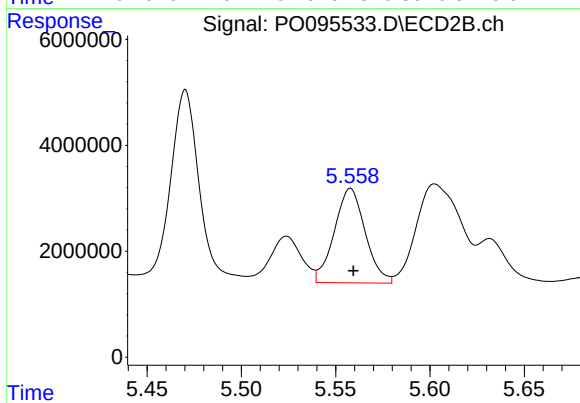
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: 0.003 min
Response: 30643891
Conc: 514.92 ng/ml



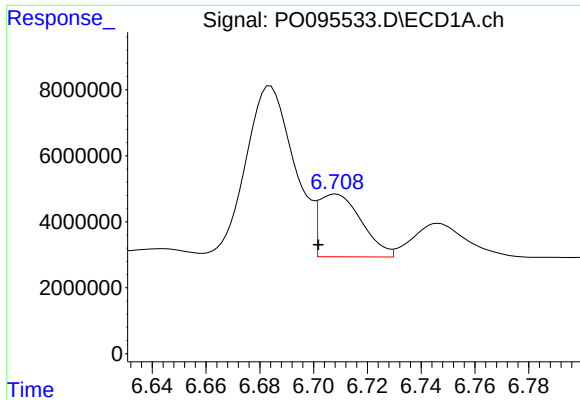
#26 AR-1254-1

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 23315501
Conc: 182.82 ng/ml



#26 AR-1254-1

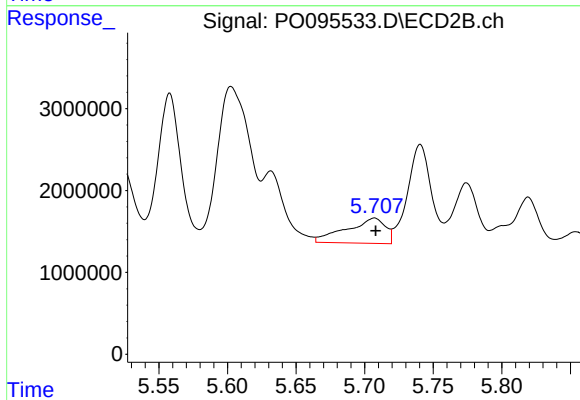
R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 20388688
Conc: 231.68 ng/ml



#27 AR-1254-2

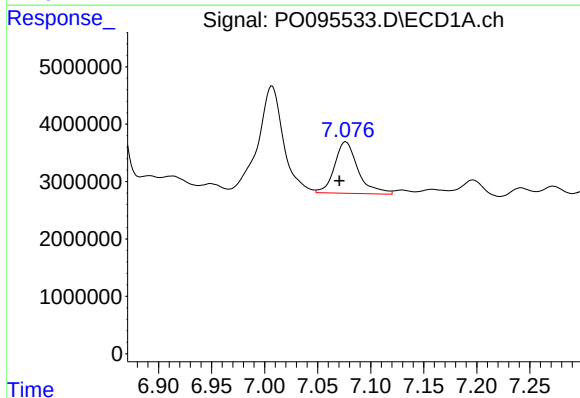
R.T.: 6.708 min
Delta R.T.: 0.007 min
Response: 20869350
Conc: 109.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



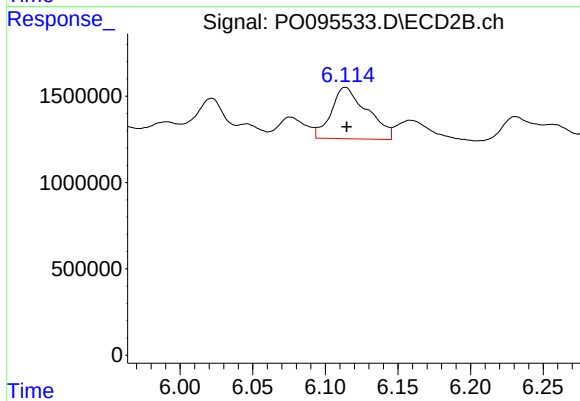
#27 AR-1254-2

R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 6058891
Conc: 76.01 ng/ml



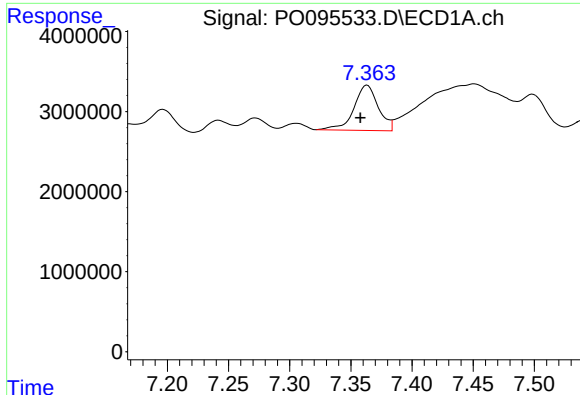
#28 AR-1254-3

R.T.: 7.077 min
Delta R.T.: 0.006 min
Response: 13840343
Conc: 72.95 ng/ml



#28 AR-1254-3

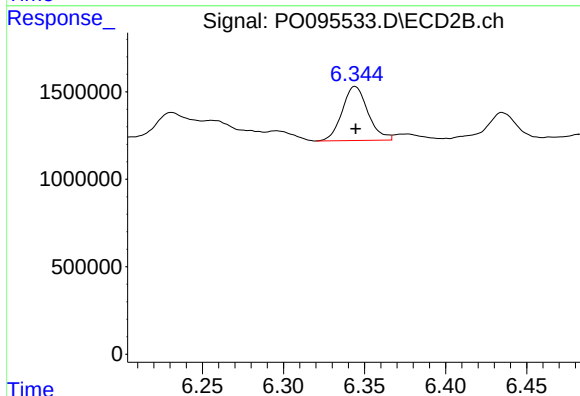
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 5152726
Conc: 42.16 ng/ml



#29 AR-1254-4

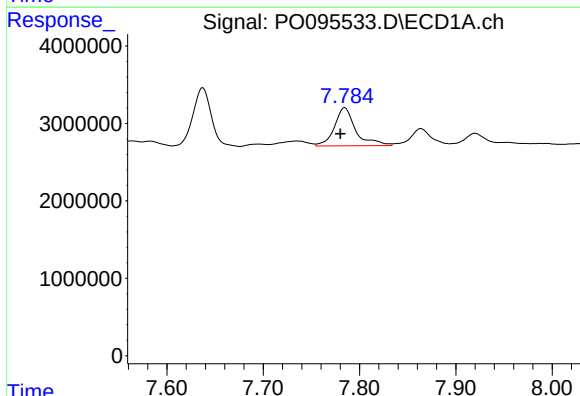
R.T.: 7.363 min
Delta R.T.: 0.005 min
Response: 7793108
Conc: 55.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



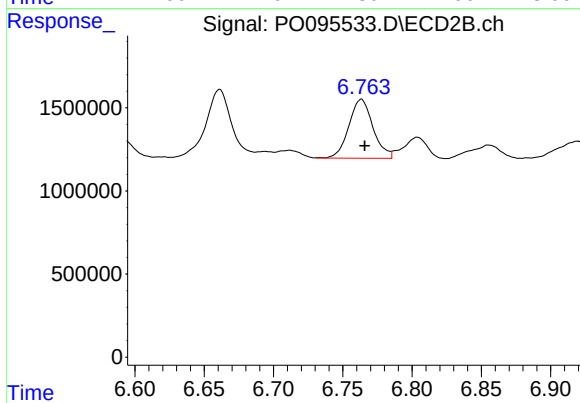
#29 AR-1254-4

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 3420976
Conc: 45.33 ng/ml



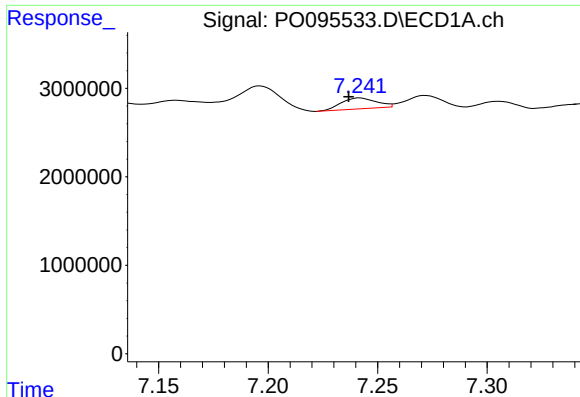
#30 AR-1254-5

R.T.: 7.785 min
Delta R.T.: 0.005 min
Response: 7520607
Conc: 47.44 ng/ml



#30 AR-1254-5

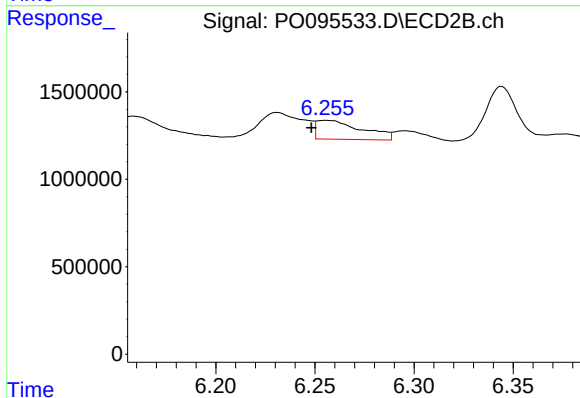
R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 4301690
Conc: 38.45 ng/ml



#31 AR-1260-1

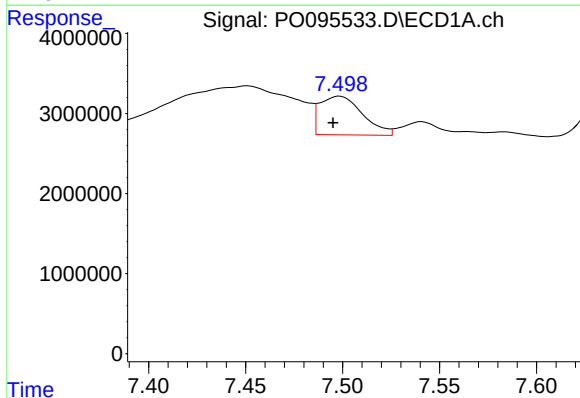
R.T.: 7.242 min
Delta R.T.: 0.005 min
Response: 1360626
Conc: 9.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



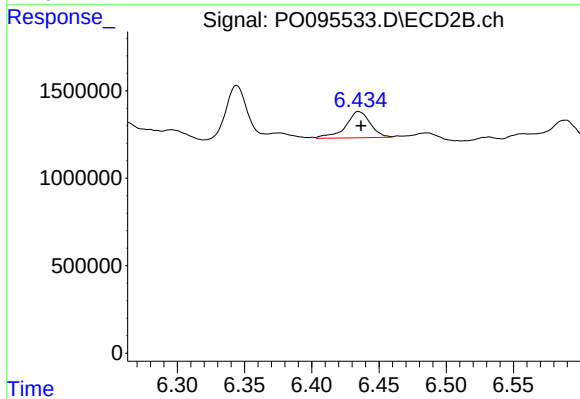
#31 AR-1260-1

R.T.: 6.256 min
Delta R.T.: 0.007 min
Response: 1699324
Conc: 19.92 ng/ml



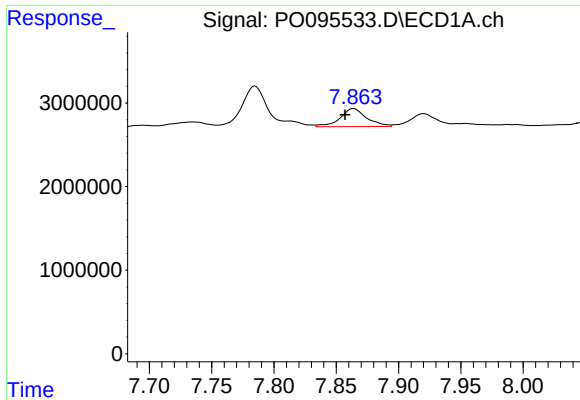
#32 AR-1260-2

R.T.: 7.499 min
Delta R.T.: 0.003 min
Response: 7400996
Conc: 42.16 ng/ml



#32 AR-1260-2

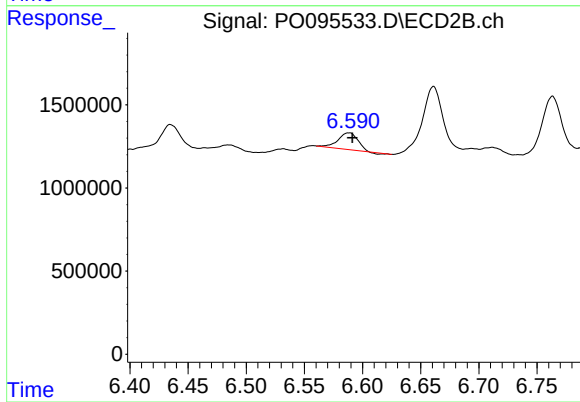
R.T.: 6.435 min
Delta R.T.: -0.002 min
Response: 1915887
Conc: 18.75 ng/ml



#33 AR-1260-3

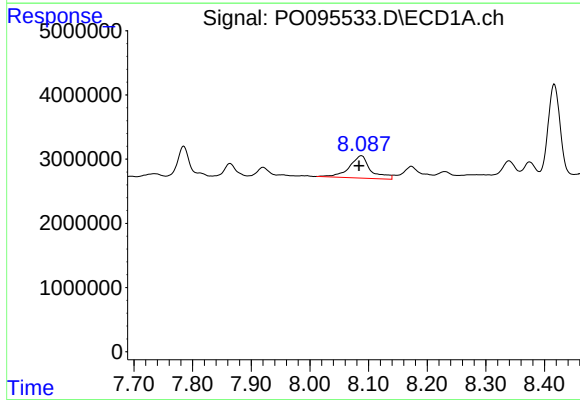
R.T.: 7.864 min
Delta R.T.: 0.007 min
Response: 3201846
Conc: 28.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



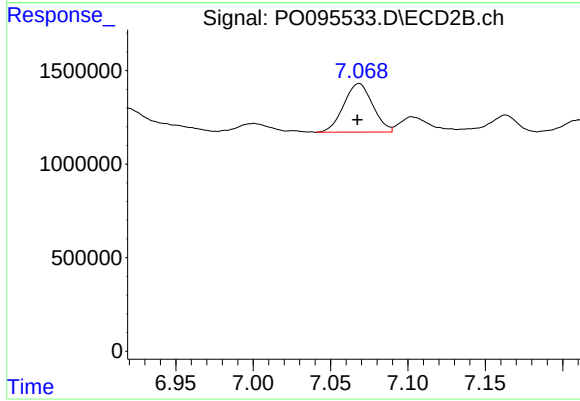
#33 AR-1260-3

R.T.: 6.588 min
Delta R.T.: -0.003 min
Response: 1159848
Conc: 12.39 ng/ml



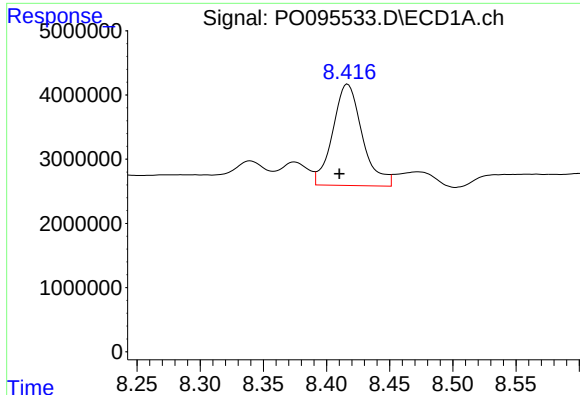
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: 0.004 min
Response: 8820281
Conc: 64.73 ng/ml



#34 AR-1260-4

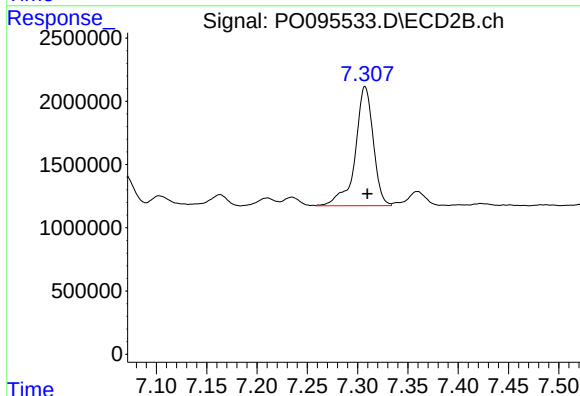
R.T.: 7.068 min
Delta R.T.: 0.001 min
Response: 3394779
Conc: 49.91 ng/ml



#35 AR-1260-5

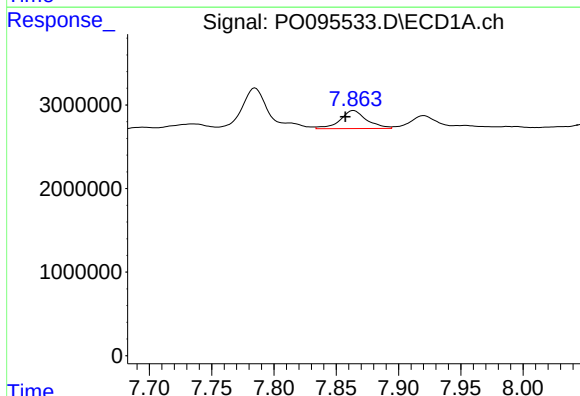
R.T.: 8.417 min
Delta R.T.: 0.007 min
Response: 25697173
Conc: 100.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



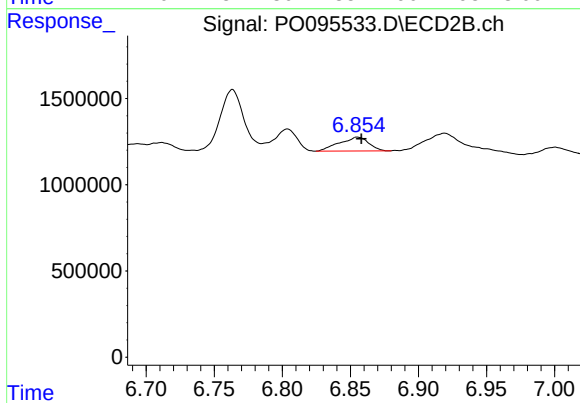
#35 AR-1260-5

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 11775693
Conc: 74.67 ng/ml



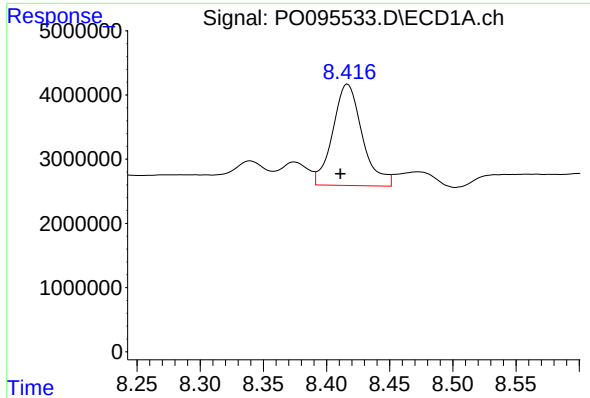
#36 AR-1262-1

R.T.: 7.864 min
Delta R.T.: 0.006 min
Response: 3201846
Conc: 17.35 ng/ml



#36 AR-1262-1

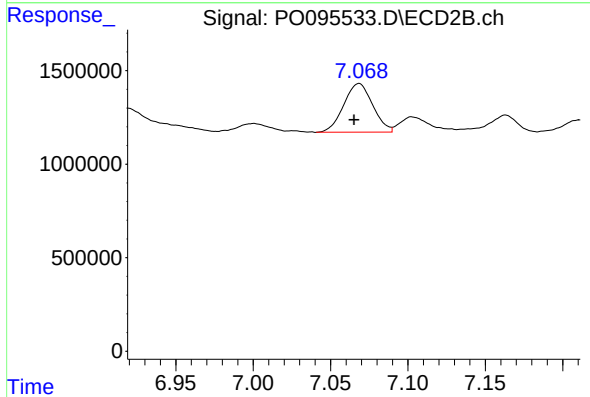
R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 1200019
Conc: 25.92 ng/ml



#37 AR-1262-2

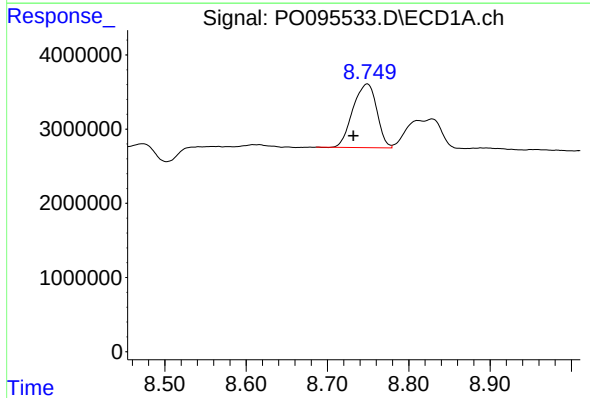
R.T.: 8.417 min
Delta R.T.: 0.006 min
Response: 25697173
Conc: 80.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



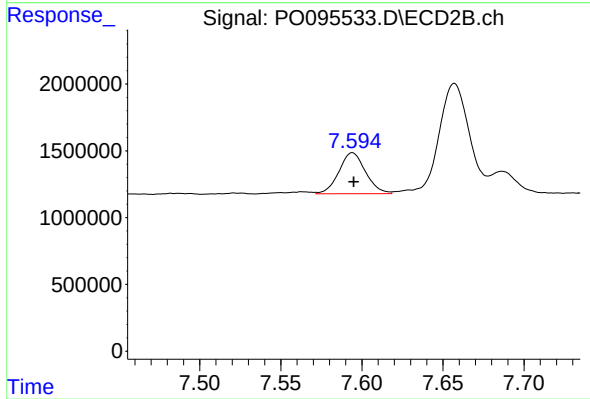
#37 AR-1262-2

R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 3394779
Conc: 34.81 ng/ml



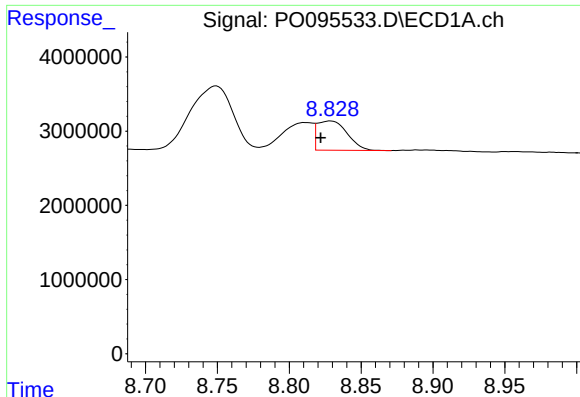
#38 AR-1262-3

R.T.: 8.749 min
Delta R.T.: 0.018 min
Response: 17524212
Conc: 78.94 ng/ml



#38 AR-1262-3

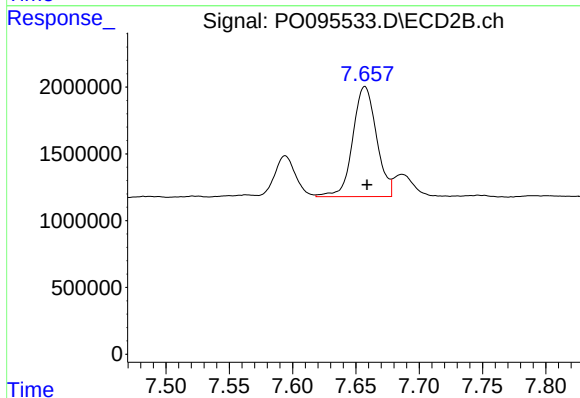
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 3508937
Conc: 45.77 ng/ml



#39 AR-1262-4

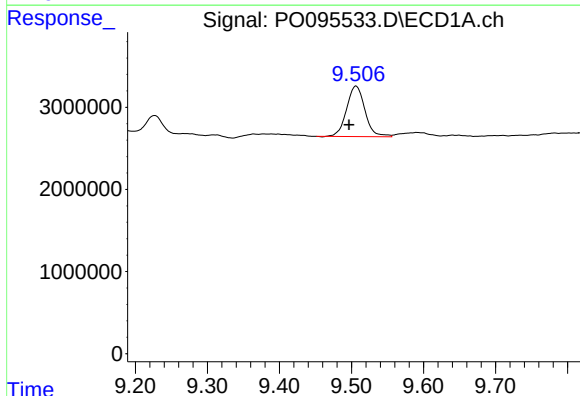
R.T.: 8.829 min
Delta R.T.: 0.007 min
Response: 5732908
Conc: 48.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



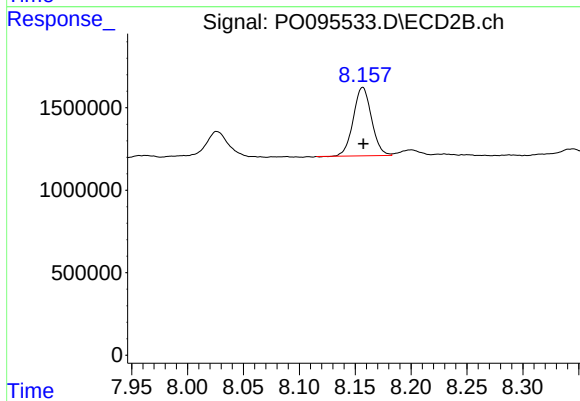
#39 AR-1262-4

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 10752167
Conc: 78.23 ng/ml



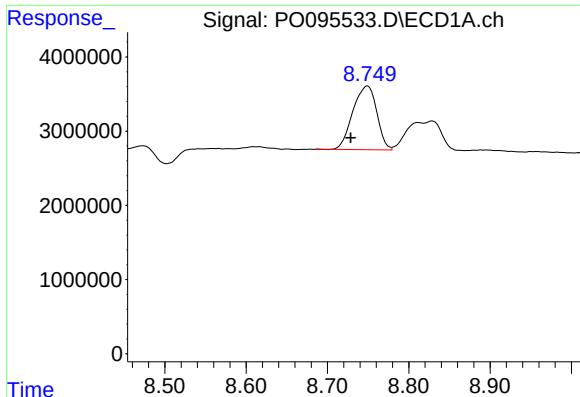
#40 AR-1262-5

R.T.: 9.506 min
Delta R.T.: 0.010 min
Response: 10865707
Conc: 90.58 ng/ml



#40 AR-1262-5

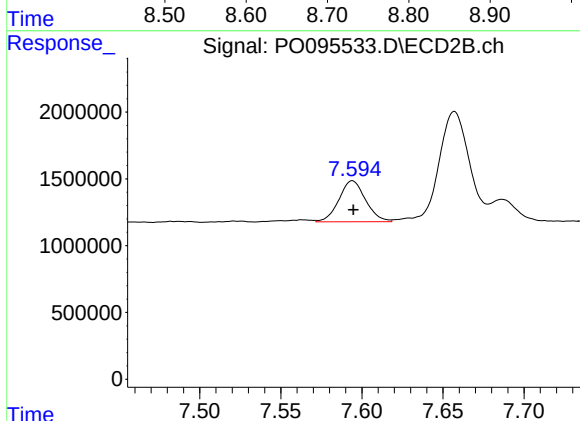
R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 4715940
Conc: 74.14 ng/ml



#41 AR-1268-1

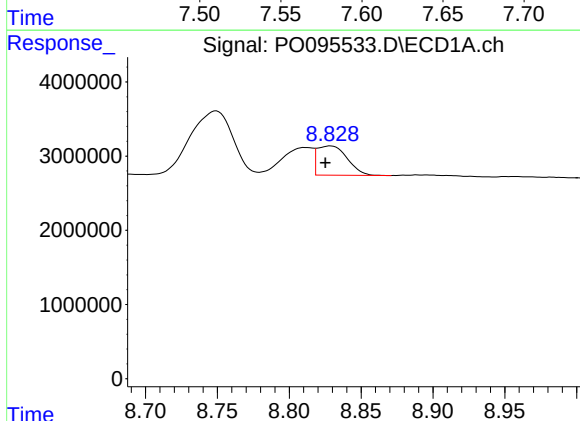
R.T.: 8.749 min
Delta R.T.: 0.021 min
Response: 17524212
Conc: 47.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



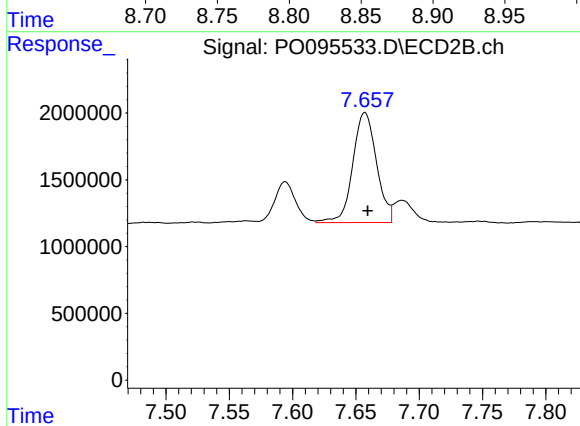
#41 AR-1268-1

R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 3508937
Conc: 16.23 ng/ml



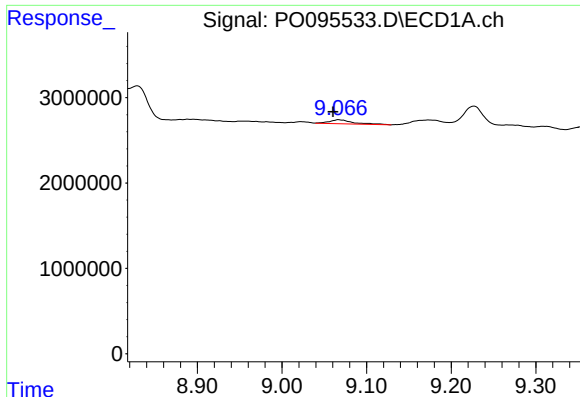
#42 AR-1268-2

R.T.: 8.829 min
Delta R.T.: 0.003 min
Response: 5732908
Conc: 16.92 ng/ml



#42 AR-1268-2

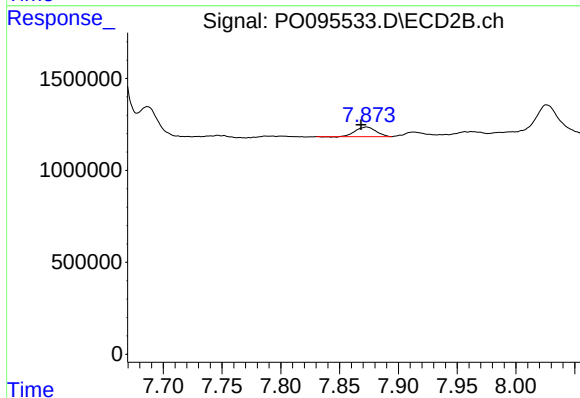
R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 10752167
Conc: 56.33 ng/ml



#43 AR-1268-3

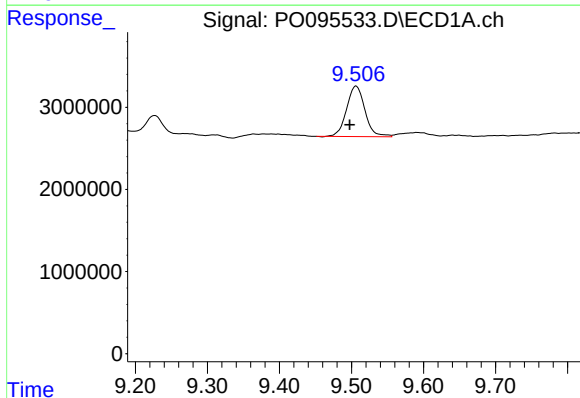
R.T.: 9.068 min
Delta R.T.: 0.007 min
Response: 939253
Conc: 3.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



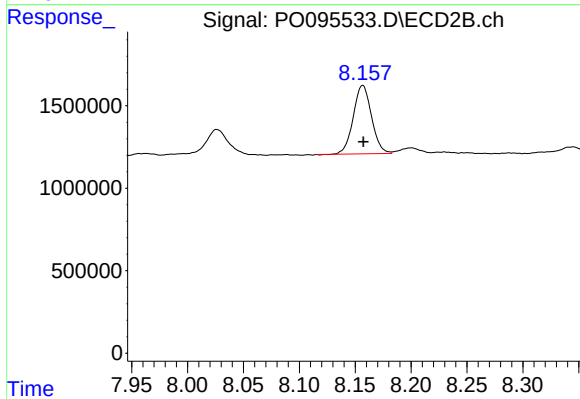
#43 AR-1268-3

R.T.: 7.873 min
Delta R.T.: 0.004 min
Response: 642195
Conc: 3.96 ng/ml



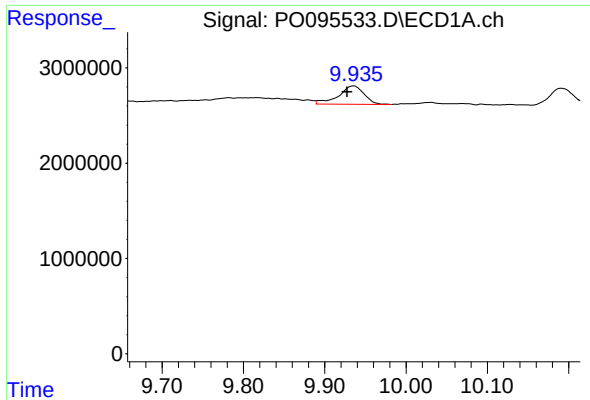
#44 AR-1268-4

R.T.: 9.506 min
Delta R.T.: 0.009 min
Response: 10865707
Conc: 85.44 ng/ml



#44 AR-1268-4

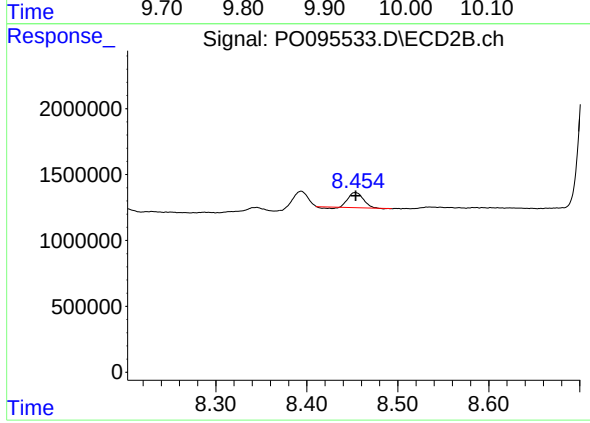
R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 4715940
Conc: 68.55 ng/ml



#45 AR-1268-5

R.T.: 9.935 min
Delta R.T.: 0.008 min
Response: 4211070
Conc: 4.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 1300452
Conc: 2.71 ng/ml