

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061223\
 Data File : P0095595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2023 10:20
 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: Jun 12 22:19:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jun 10 06:51:01 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...	4.405	3.623	214.3E6	91300468	50.008	50.222
2)	SA Decachlor...	10.239	8.678	130.8E6	60474488	52.496	54.300
Target Compounds							
3)	L1 AR-1016-1	5.586	4.717	61286052	24242775	491.088	508.351
4)	L1 AR-1016-2	5.609	4.736	87861534	34427078	480.925	507.195
5)	L1 AR-1016-3	5.672	4.914	57441688	19622640	488.074	528.226
6)	L1 AR-1016-4	5.771	4.956	45463798	18278346	489.332	514.507
7)	L1 AR-1016-5	6.069	5.171	44966514	21510872	484.356	509.077
8)	L2 AR-1221-1	4.611	3.838	6974620	2800524	134.736	132.062
9)	L2 AR-1221-2	4.703	3.925	10026588	4134028	261.573	259.685
10)	L2 AR-1221-3	4.780	4.002	36754090	15661632	322.508	324.818
11)	L3 AR-1232-1	4.780	4.002	36754090	15661632	450.733	456.164
12)	L3 AR-1232-2	5.316	4.736	51754171	34427078	1091.153	1143.790
13)	L3 AR-1232-3	5.609	4.914	87861534	19622640	1118.825	1235.030
14)	L3 AR-1232-4	5.771	4.998	45463798	21841557	1128.563	1284.773
15)	L3 AR-1232-5	5.863	5.171	43795014	21510872	1341.418	1175.116
16)	L4 AR-1242-1	5.586	4.717	61286052	24242775	731.714	760.321
17)	L4 AR-1242-2	5.609	4.736	87861534	34427078	711.772	771.111
18)	L4 AR-1242-3	5.672	4.914	57441688	19622640	725.243	764.444
19)	L4 AR-1242-4	5.771	4.998	45463798	21841557	718.022	751.591
20)	L4 AR-1242-5	6.516	5.526	6189130	16813424	100.603	577.913 #
21)	L5 AR-1248-1	5.586	4.717	61286052	24242775	909.408	943.459
22)	L5 AR-1248-2	5.863	4.956	43795014	18278346	404.586	417.299
23)	L5 AR-1248-3	6.069	4.998	44966514	21841557	406.761	483.936
24)	L5 AR-1248-4	6.475	5.171	5582713	21510872	50.817	423.705 #
25)	L5 AR-1248-5	6.516	5.567	6189130	2189258	55.051	56.849
26)	L6 AR-1254-1	6.450	5.526	34317286	16813424	277.469	242.125
27)	L6 AR-1254-2	6.670	5.675	35256368	15949860	197.173	250.044 #
28)	L6 AR-1254-3	7.040	6.063	17659063	6957428	101.849	75.894 #
29)	L6 AR-1254-4	7.328	6.312	11257505	2169770	98.169	50.869 #
30)	L6 AR-1254-5	7.749	6.733	98693755	44985085	715.632	578.622
31)	L7 AR-1260-1	7.206	6.213	76959753	38302379	488.431	502.554
32)	L7 AR-1260-2	7.466	6.403	84575494	42621100	493.029	532.491
33)	L7 AR-1260-3	7.749	6.557	98693755	40623548	504.873	523.968
34)	L7 AR-1260-4	8.056	7.033	65218395	28829775	511.642	537.464
35)	L7 AR-1260-5	8.380	7.277	116.4E6	60025670	526.754	561.803
36)	L8 AR-1262-1	7.829	6.825	57433238	17862854	332.731	449.053 #
37)	L8 AR-1262-2	8.380	7.033	116.4E6	28829775	426.797	367.971
38)	L8 AR-1262-3	8.711	7.563	75459436	11425576	390.556	194.531 #
39)	L8 AR-1262-4	8.790	7.625	18377656	41977804	218.690	427.209 #
40)	L8 AR-1262-5	9.462	8.126	30026354	12849307	289.120	323.851
41)	L9 AR-1268-1	8.711	7.563	75459436	11425576	216.352	72.694 #

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 ALS Vial : 3 Sample Multiplier: 1

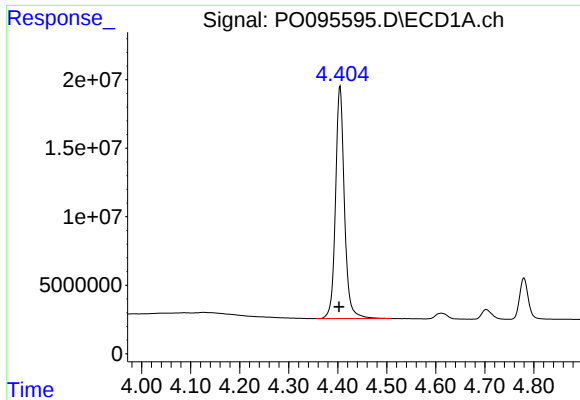
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 22:19:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060923.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	8.790	7.625	18377656	41977804	58.360	295.417 #
43) L9	AR-1268-3	9.028	7.838	2303494	1501575	8.257	10.813 #
44) L9	AR-1268-4	9.462	8.126	30026354	12849307	258.103	274.795
45) L9	AR-1268-5	9.890	8.420	11527871	5089836	12.864	12.991

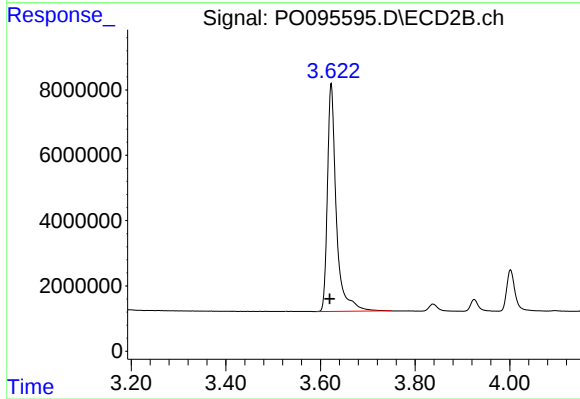
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

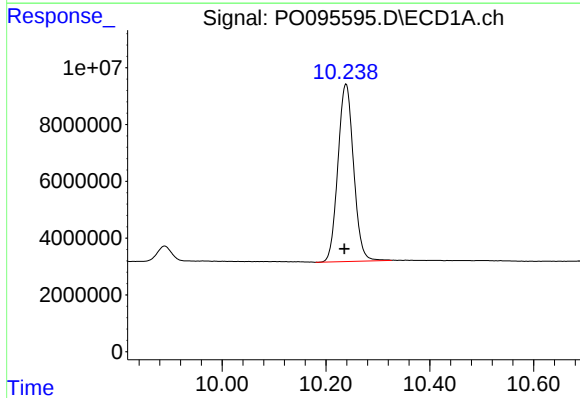
R.T.: 4.405 min
Delta R.T.: 0.002 min
Response: 214343655
Conc: 50.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



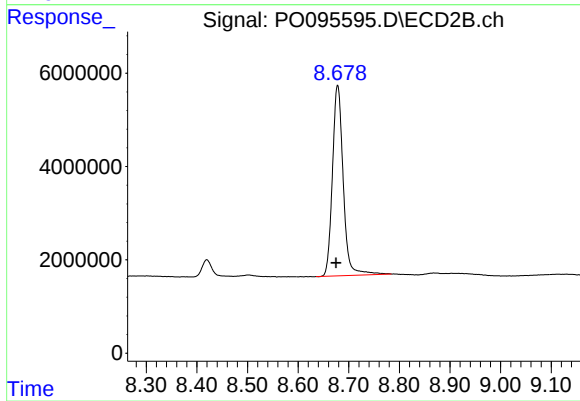
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: 0.003 min
Response: 91300468
Conc: 50.22 ng/ml



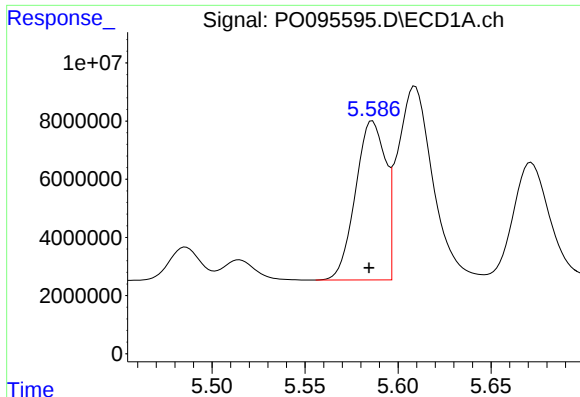
#2 Decachlorobiphenyl

R.T.: 10.239 min
Delta R.T.: 0.003 min
Response: 130834263
Conc: 52.50 ng/ml



#2 Decachlorobiphenyl

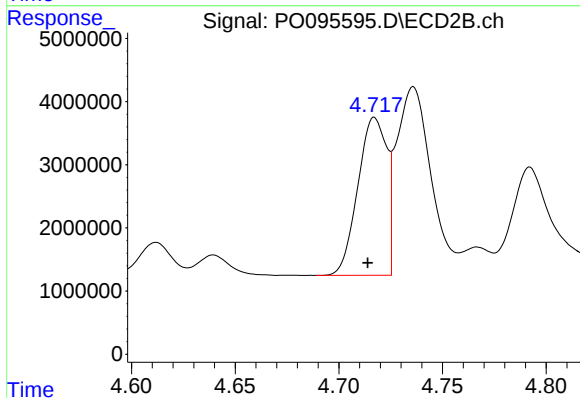
R.T.: 8.678 min
Delta R.T.: 0.003 min
Response: 60474488
Conc: 54.30 ng/ml



#3 AR-1016-1

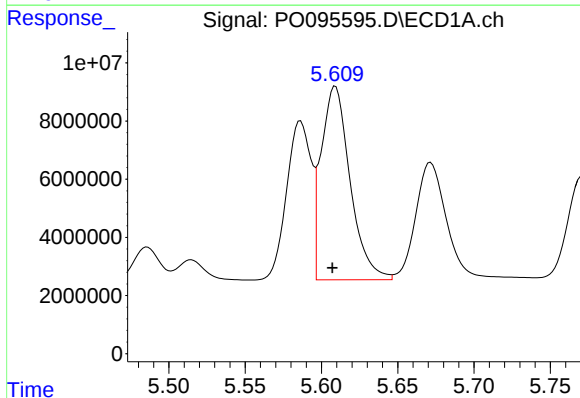
R.T.: 5.586 min
Delta R.T.: 0.002 min
Response: 61286052
Conc: 491.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



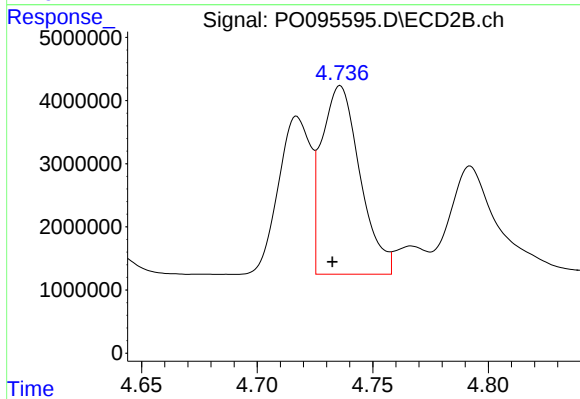
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 24242775
Conc: 508.35 ng/ml



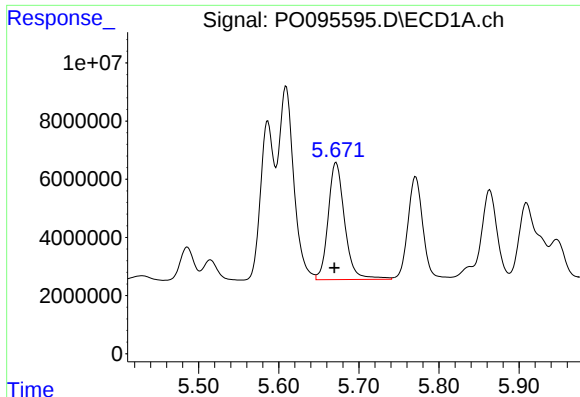
#4 AR-1016-2

R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 87861534
Conc: 480.93 ng/ml



#4 AR-1016-2

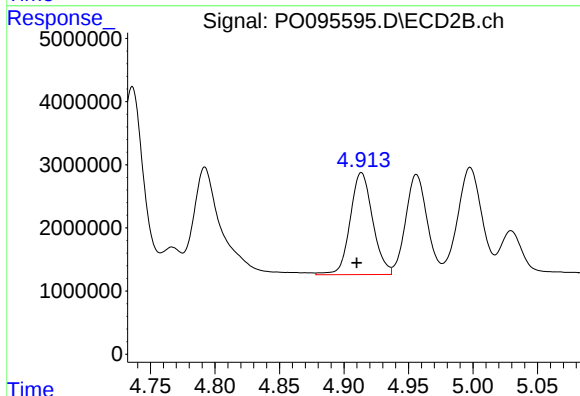
R.T.: 4.736 min
Delta R.T.: 0.004 min
Response: 34427078
Conc: 507.20 ng/ml



#5 AR-1016-3

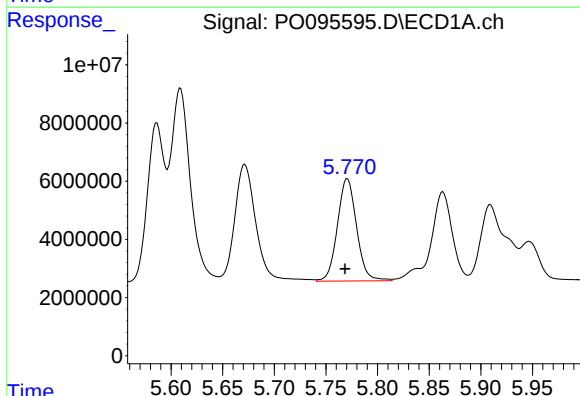
R.T.: 5.672 min
Delta R.T.: 0.002 min
Response: 57441688
Conc: 488.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



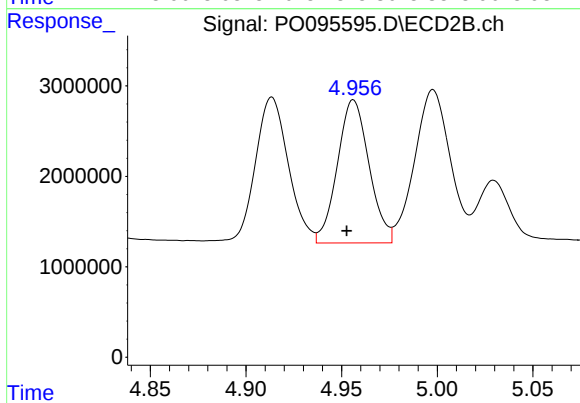
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: 0.004 min
Response: 19622640
Conc: 528.23 ng/ml



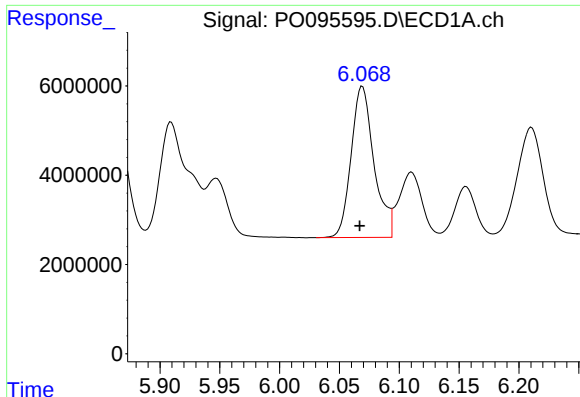
#6 AR-1016-4

R.T.: 5.771 min
Delta R.T.: 0.002 min
Response: 45463798
Conc: 489.33 ng/ml



#6 AR-1016-4

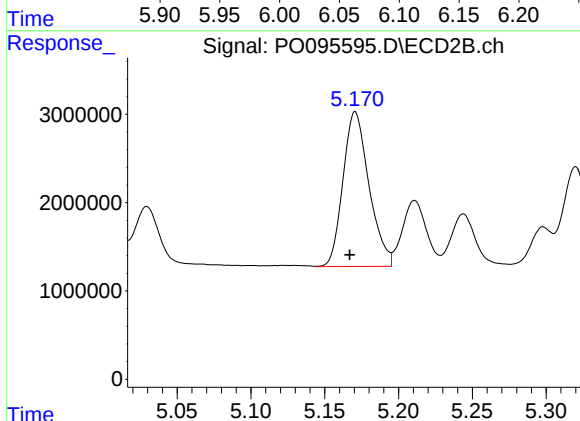
R.T.: 4.956 min
Delta R.T.: 0.003 min
Response: 18278346
Conc: 514.51 ng/ml



#7 AR-1016-5

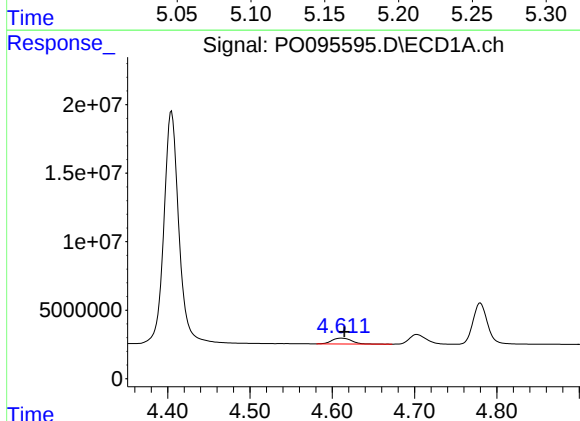
R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 44966514
Conc: 484.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



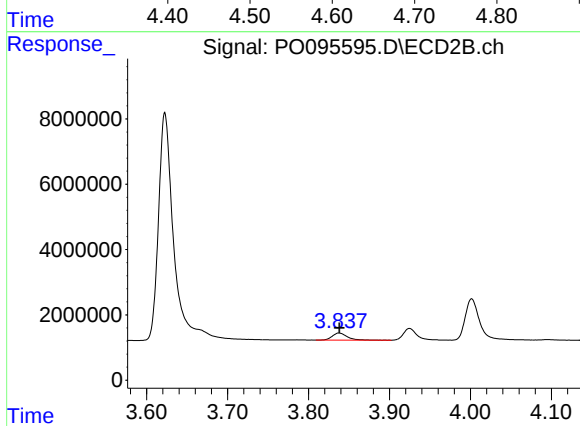
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: 0.004 min
Response: 21510872
Conc: 509.08 ng/ml



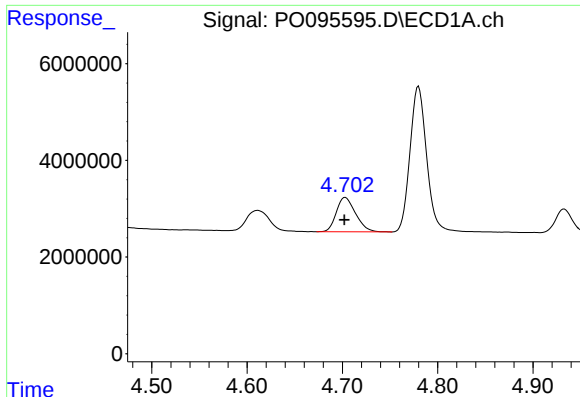
#8 AR-1221-1

R.T.: 4.611 min
Delta R.T.: -0.003 min
Response: 6974620
Conc: 134.74 ng/ml



#8 AR-1221-1

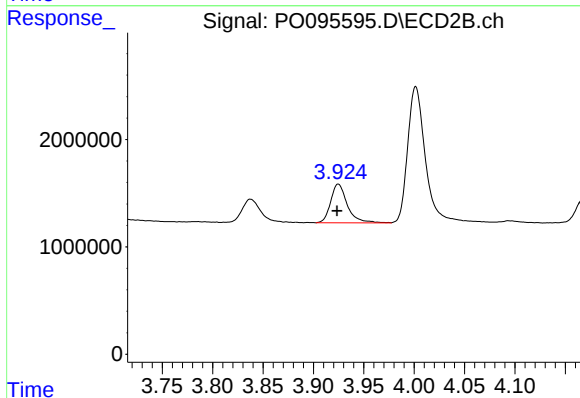
R.T.: 3.838 min
Delta R.T.: 0.000 min
Response: 2800524
Conc: 132.06 ng/ml



#9 AR-1221-2

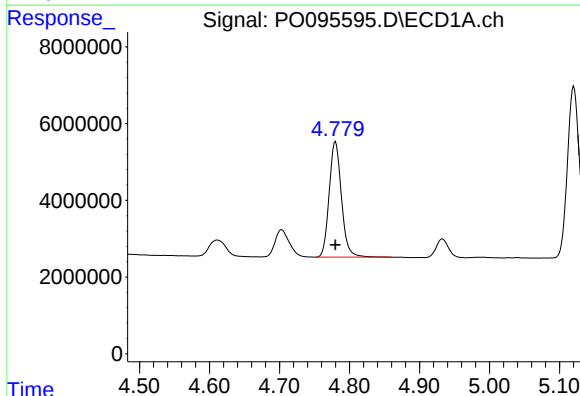
R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 10026588
Conc: 261.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



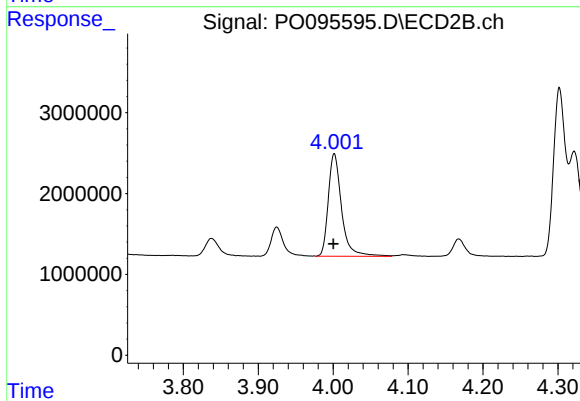
#9 AR-1221-2

R.T.: 3.925 min
Delta R.T.: 0.001 min
Response: 4134028
Conc: 259.68 ng/ml



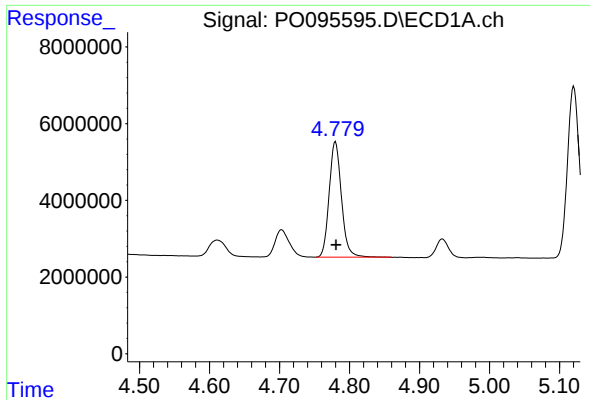
#10 AR-1221-3

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 36754090
Conc: 322.51 ng/ml



#10 AR-1221-3

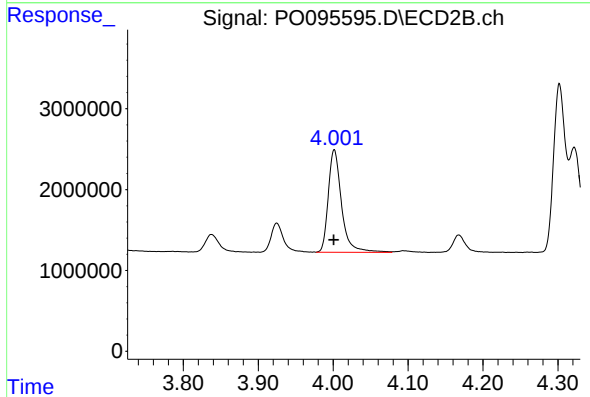
R.T.: 4.002 min
Delta R.T.: 0.001 min
Response: 15661632
Conc: 324.82 ng/ml



#11 AR-1232-1

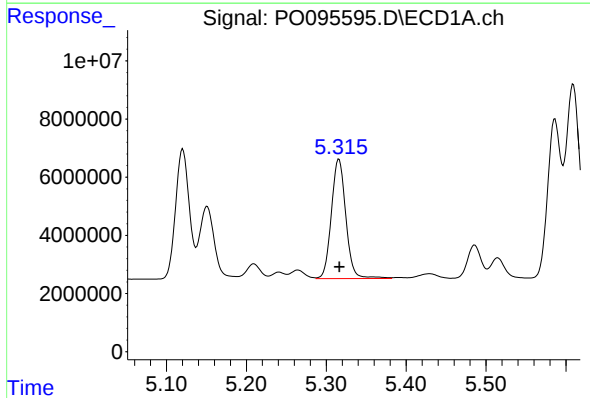
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 36754090
Conc: 450.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



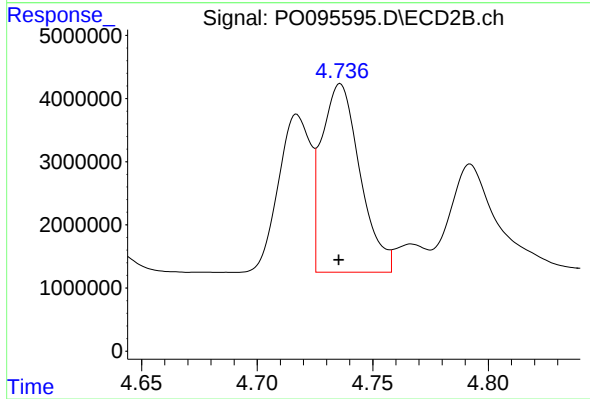
#11 AR-1232-1

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 15661632
Conc: 456.16 ng/ml



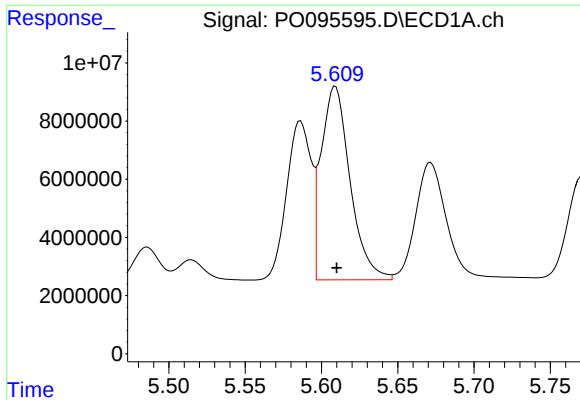
#12 AR-1232-2

R.T.: 5.316 min
Delta R.T.: 0.000 min
Response: 51754171
Conc: 1091.15 ng/ml



#12 AR-1232-2

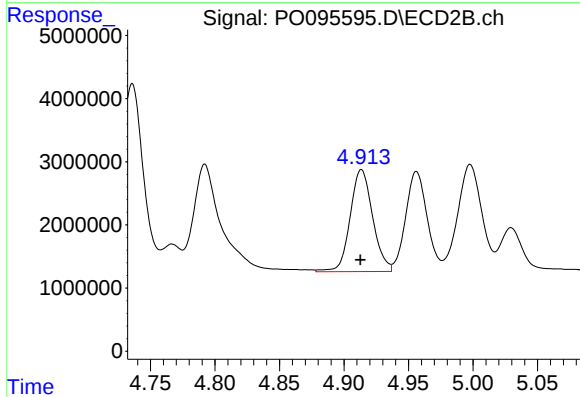
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 34427078
Conc: 1143.79 ng/ml



#13 AR-1232-3

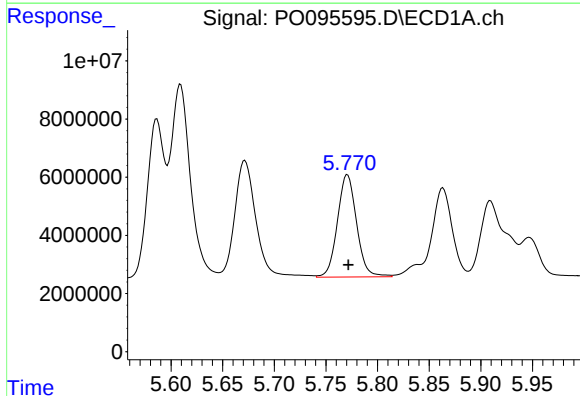
R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 87861534
Conc: 1118.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



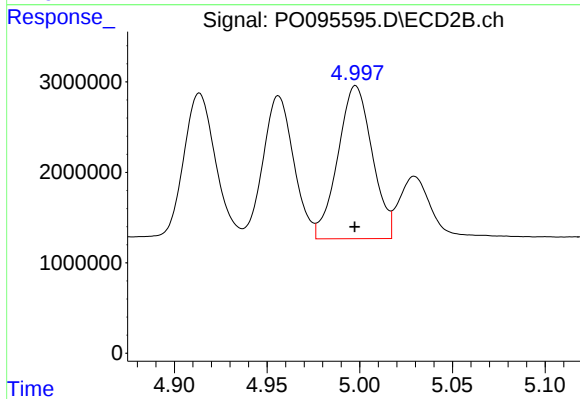
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 19622640
Conc: 1235.03 ng/ml



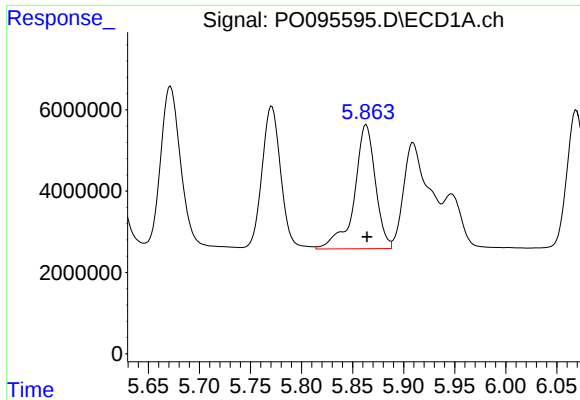
#14 AR-1232-4

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 45463798
Conc: 1128.56 ng/ml



#14 AR-1232-4

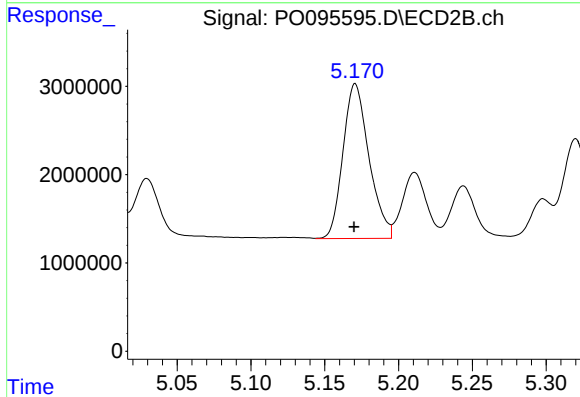
R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 21841557
Conc: 1284.77 ng/ml



#15 AR-1232-5

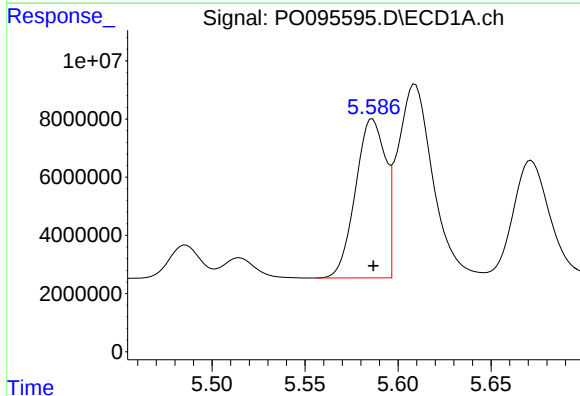
R.T.: 5.863 min
Delta R.T.: -0.001 min
Response: 43795014
Conc: 1341.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



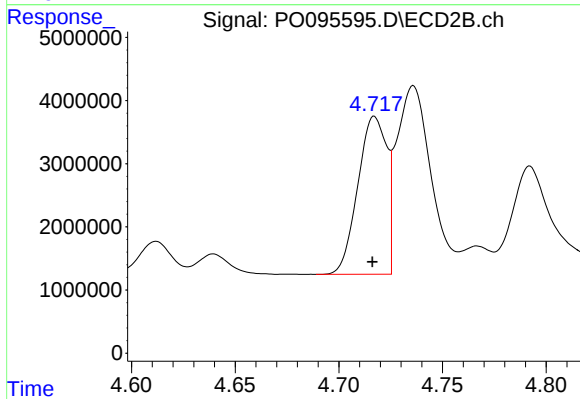
#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 21510872
Conc: 1175.12 ng/ml



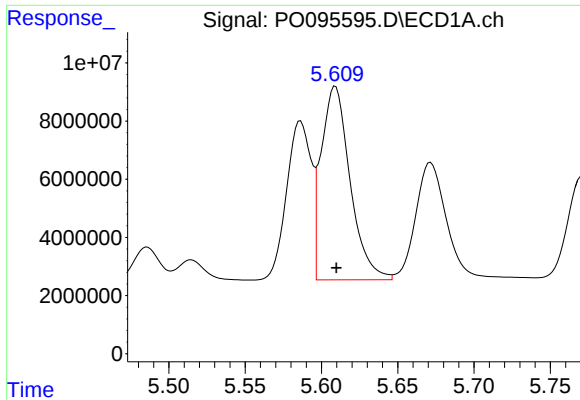
#16 AR-1242-1

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 61286052
Conc: 731.71 ng/ml



#16 AR-1242-1

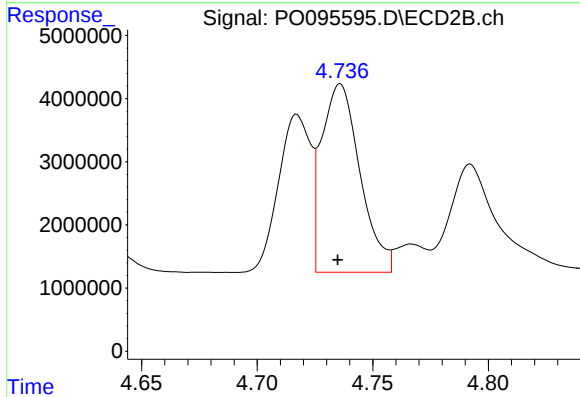
R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 24242775
Conc: 760.32 ng/ml



#17 AR-1242-2

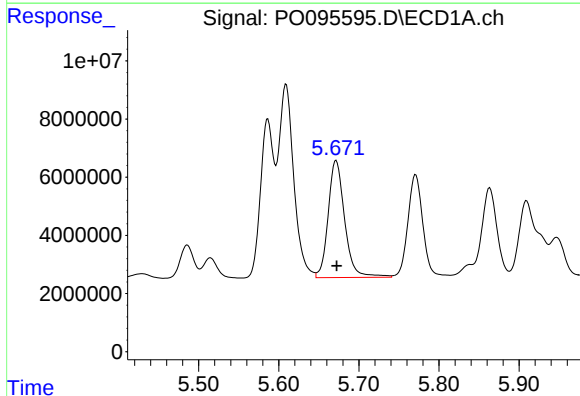
R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 87861534
Conc: 711.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



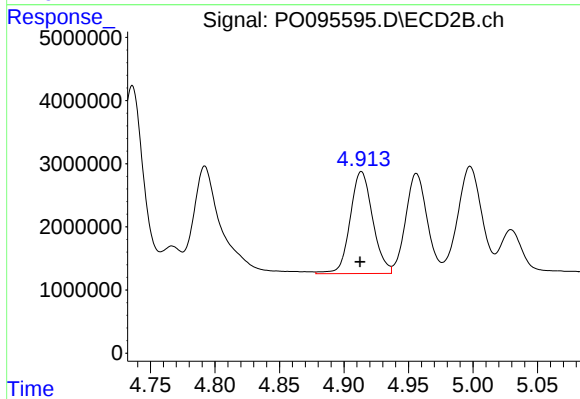
#17 AR-1242-2

R.T.: 4.736 min
Delta R.T.: 0.001 min
Response: 34427078
Conc: 771.11 ng/ml



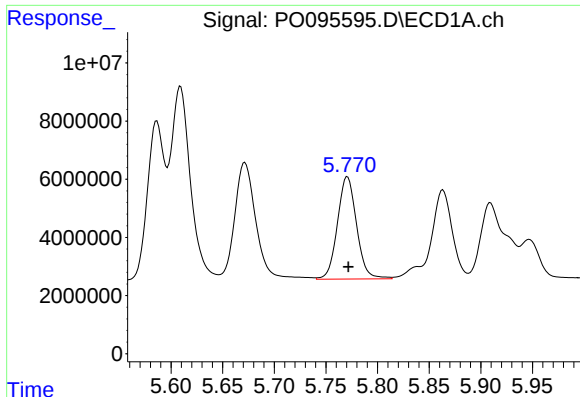
#18 AR-1242-3

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 57441688
Conc: 725.24 ng/ml



#18 AR-1242-3

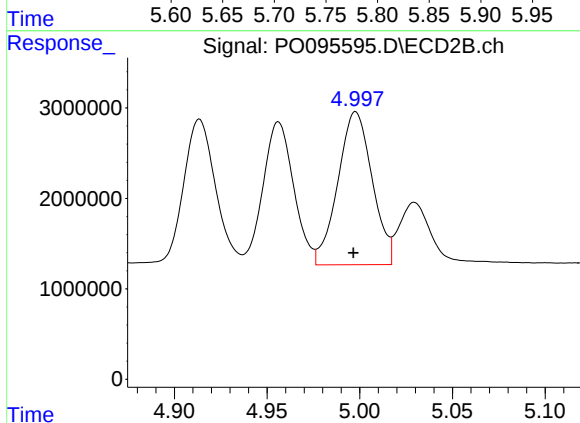
R.T.: 4.914 min
Delta R.T.: 0.001 min
Response: 19622640
Conc: 764.44 ng/ml



#19 AR-1242-4

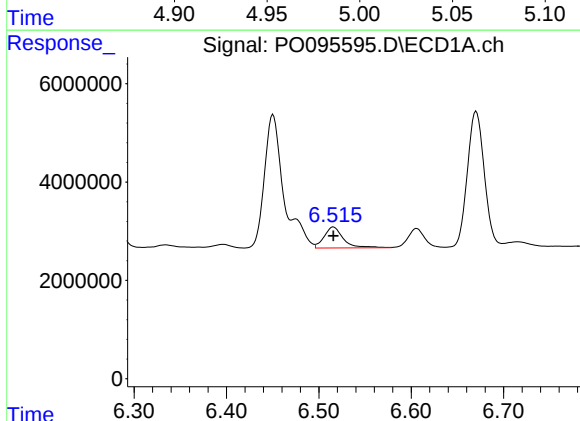
R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 45463798
Conc: 718.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



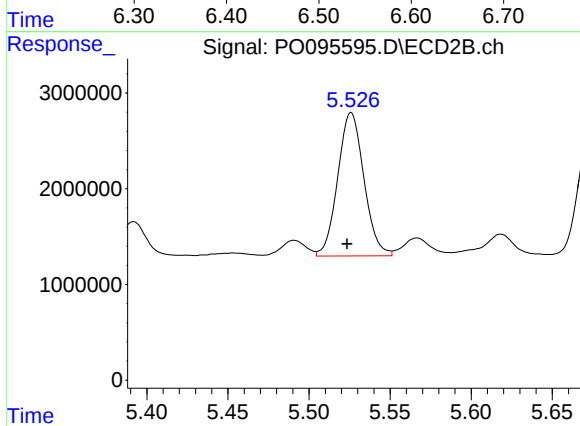
#19 AR-1242-4

R.T.: 4.998 min
Delta R.T.: 0.001 min
Response: 21841557
Conc: 751.59 ng/ml



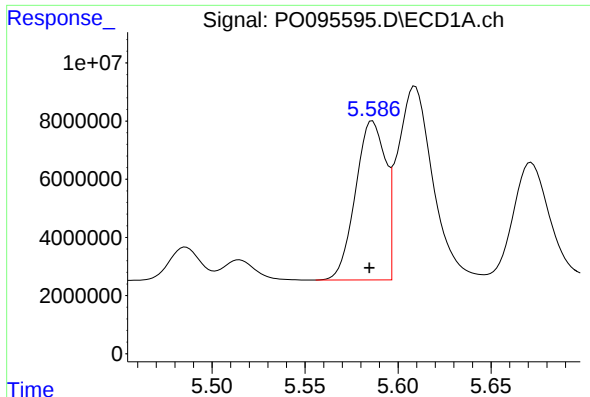
#20 AR-1242-5

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 6189130
Conc: 100.60 ng/ml



#20 AR-1242-5

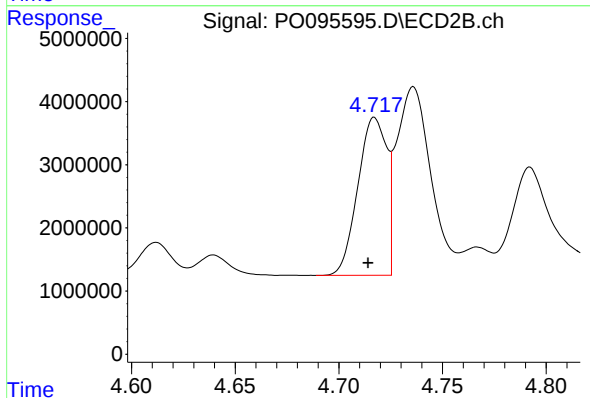
R.T.: 5.526 min
Delta R.T.: 0.002 min
Response: 16813424
Conc: 577.91 ng/ml



#21 AR-1248-1

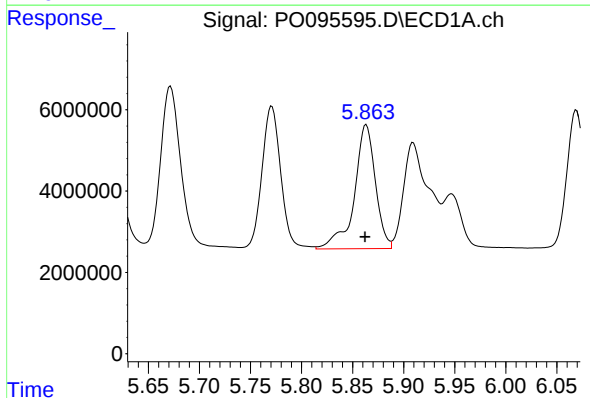
R.T.: 5.586 min
Delta R.T.: 0.002 min
Response: 61286052
Conc: 909.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



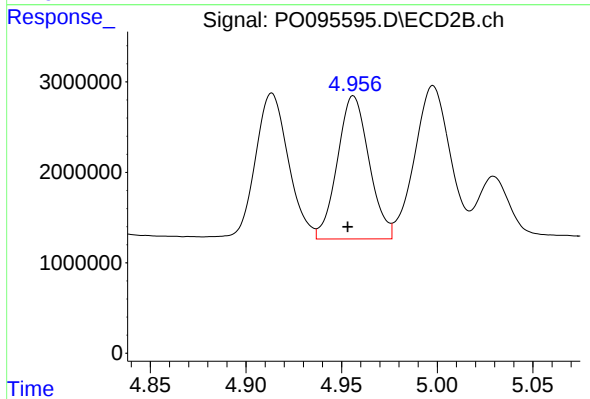
#21 AR-1248-1

R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 24242775
Conc: 943.46 ng/ml



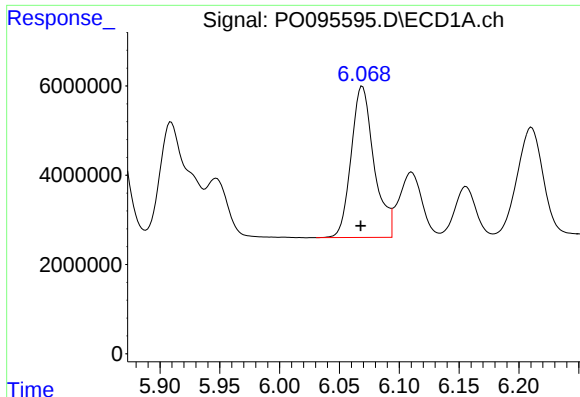
#22 AR-1248-2

R.T.: 5.863 min
Delta R.T.: 0.001 min
Response: 43795014
Conc: 404.59 ng/ml



#22 AR-1248-2

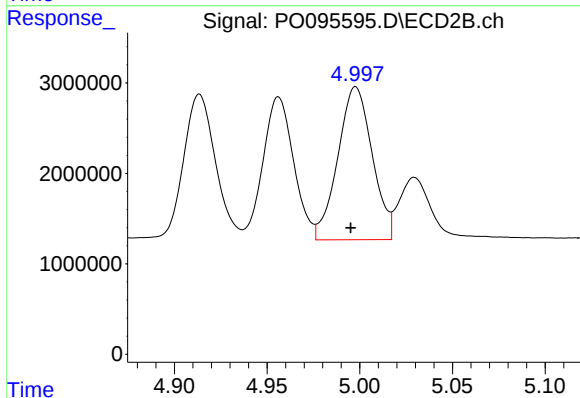
R.T.: 4.956 min
Delta R.T.: 0.003 min
Response: 18278346
Conc: 417.30 ng/ml



#23 AR-1248-3

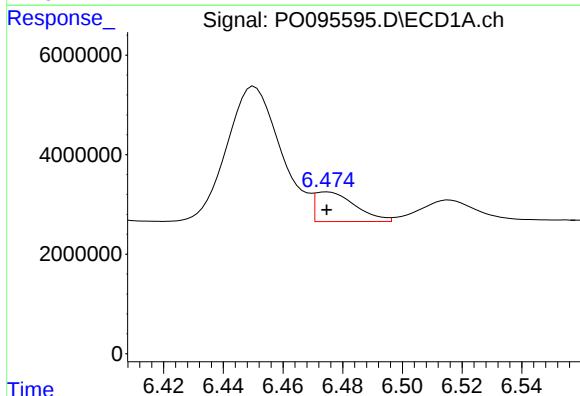
R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 44966514
Conc: 406.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



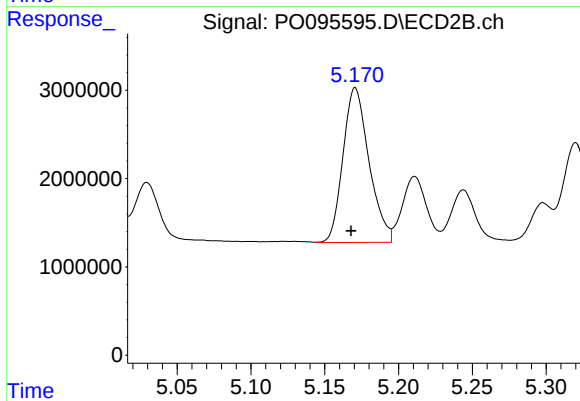
#23 AR-1248-3

R.T.: 4.998 min
Delta R.T.: 0.003 min
Response: 21841557
Conc: 483.94 ng/ml



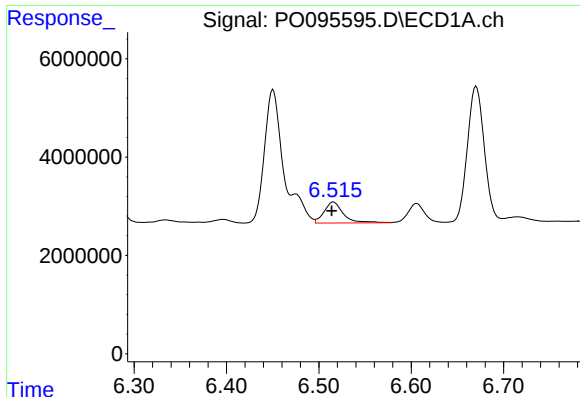
#24 AR-1248-4

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 5582713
Conc: 50.82 ng/ml



#24 AR-1248-4

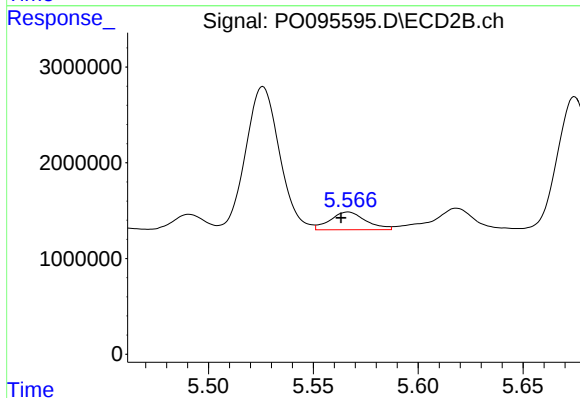
R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 21510872
Conc: 423.70 ng/ml



#25 AR-1248-5

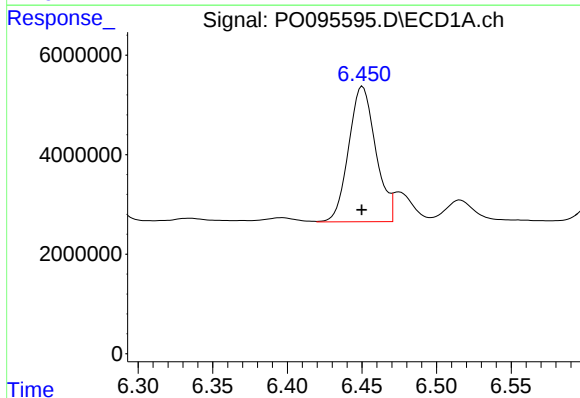
R.T.: 6.516 min
Delta R.T.: 0.002 min
Response: 6189130
Conc: 55.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



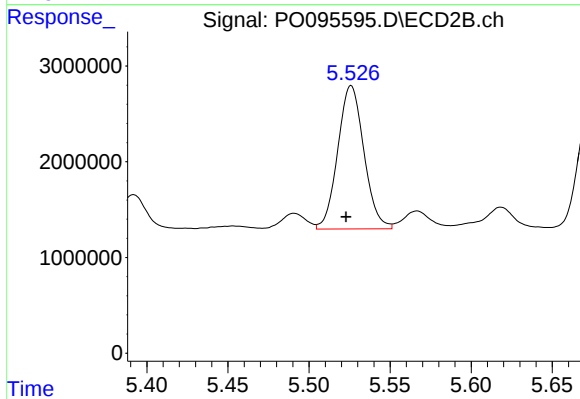
#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.004 min
Response: 2189258
Conc: 56.85 ng/ml



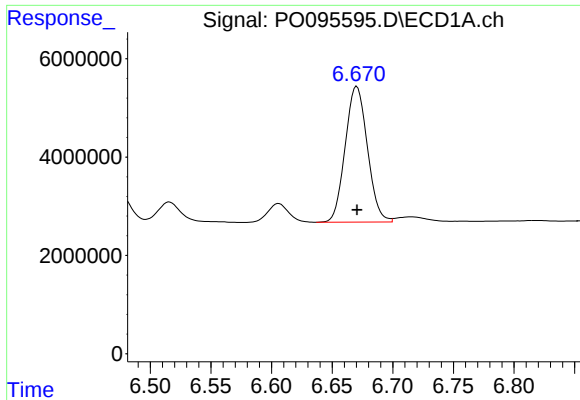
#26 AR-1254-1

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 34317286
Conc: 277.47 ng/ml



#26 AR-1254-1

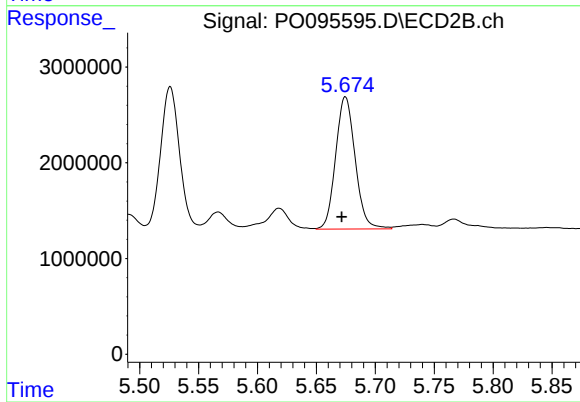
R.T.: 5.526 min
Delta R.T.: 0.003 min
Response: 16813424
Conc: 242.12 ng/ml



#27 AR-1254-2

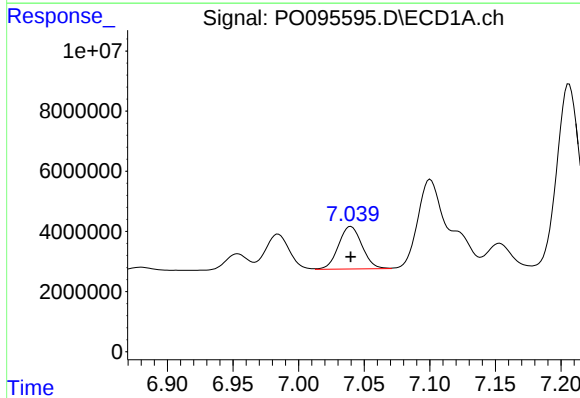
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 35256368
Conc: 197.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



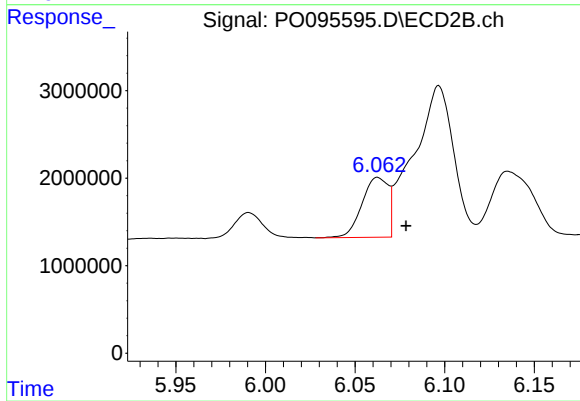
#27 AR-1254-2

R.T.: 5.675 min
Delta R.T.: 0.003 min
Response: 15949860
Conc: 250.04 ng/ml



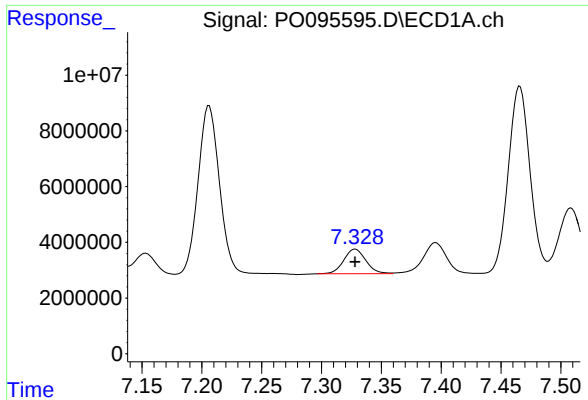
#28 AR-1254-3

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 17659063
Conc: 101.85 ng/ml



#28 AR-1254-3

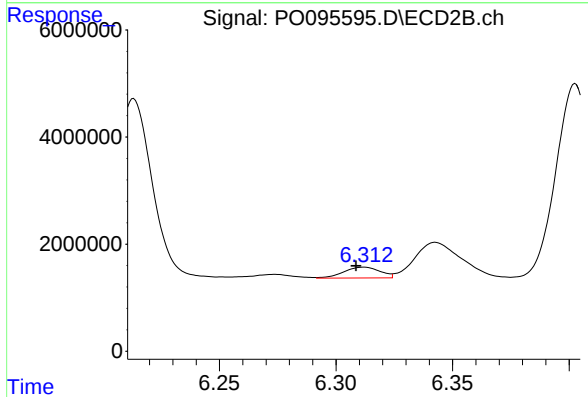
R.T.: 6.063 min
Delta R.T.: -0.016 min
Response: 6957428
Conc: 75.89 ng/ml



#29 AR-1254-4

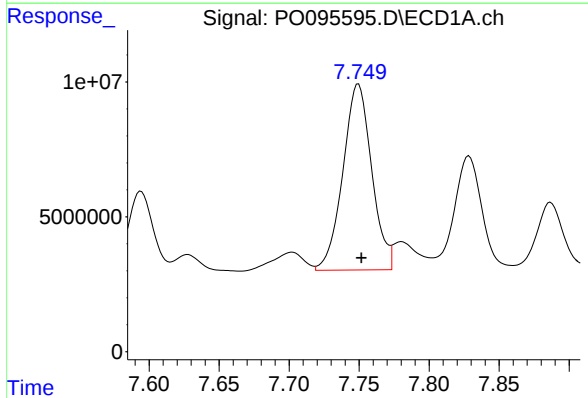
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 11257505
Conc: 98.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



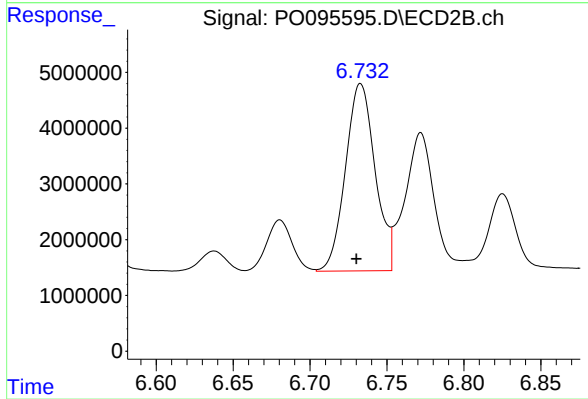
#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: 0.003 min
Response: 2169770
Conc: 50.87 ng/ml



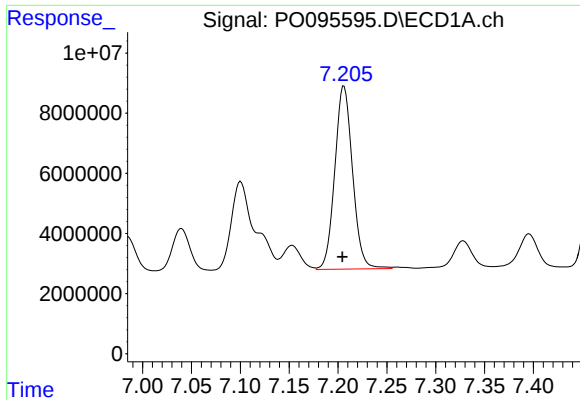
#30 AR-1254-5

R.T.: 7.749 min
Delta R.T.: -0.002 min
Response: 98693755
Conc: 715.63 ng/ml



#30 AR-1254-5

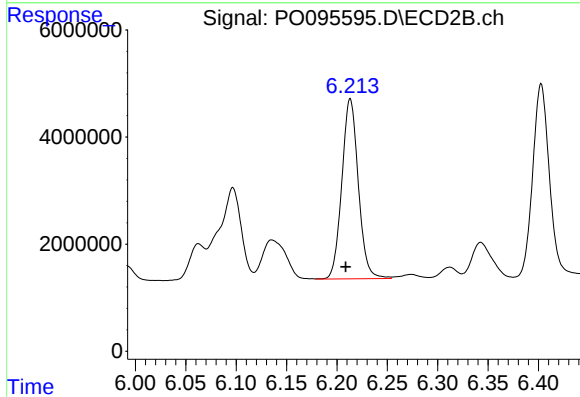
R.T.: 6.733 min
Delta R.T.: 0.003 min
Response: 44985085
Conc: 578.62 ng/ml



#31 AR-1260-1

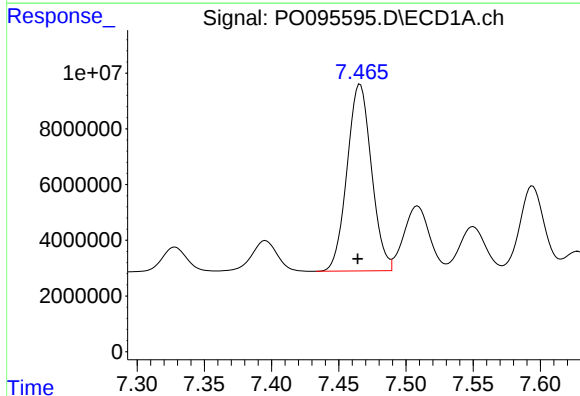
R.T.: 7.206 min
Delta R.T.: 0.001 min
Response: 76959753
Conc: 488.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



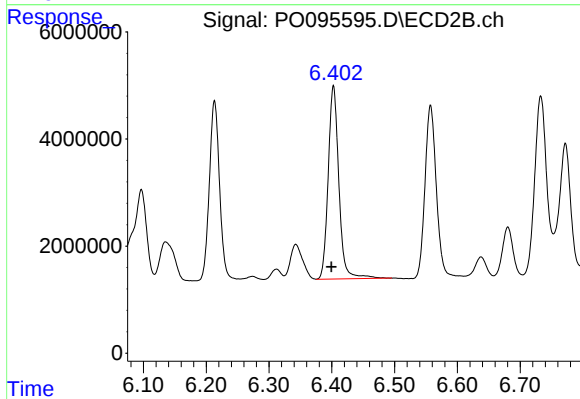
#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: 0.004 min
Response: 38302379
Conc: 502.55 ng/ml



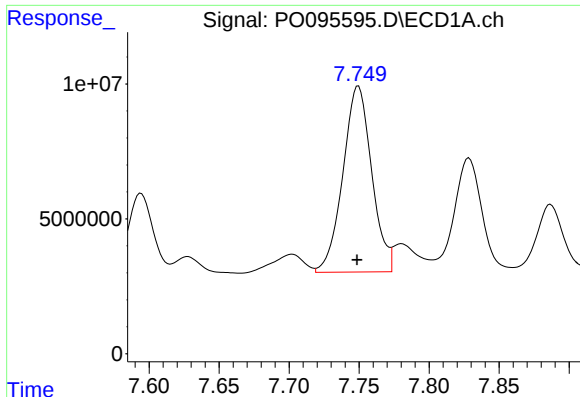
#32 AR-1260-2

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 84575494
Conc: 493.03 ng/ml



#32 AR-1260-2

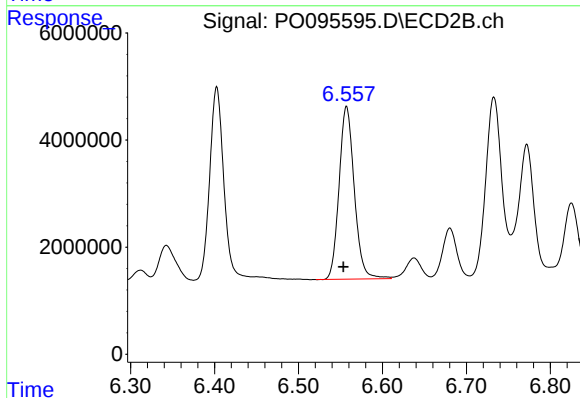
R.T.: 6.403 min
Delta R.T.: 0.004 min
Response: 42621100
Conc: 532.49 ng/ml



#33 AR-1260-3

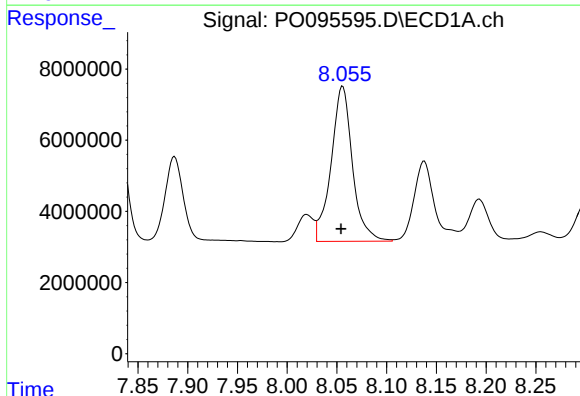
R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 98693755
Conc: 504.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



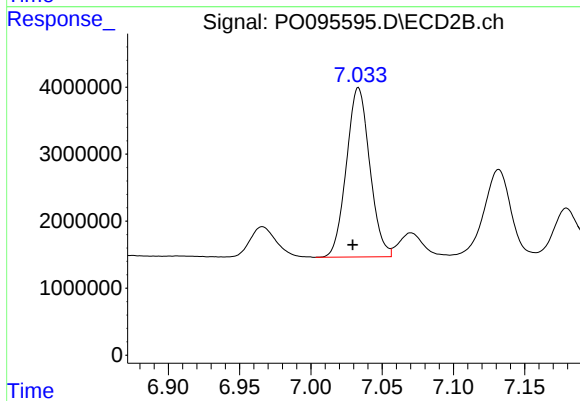
#33 AR-1260-3

R.T.: 6.557 min
Delta R.T.: 0.004 min
Response: 40623548
Conc: 523.97 ng/ml



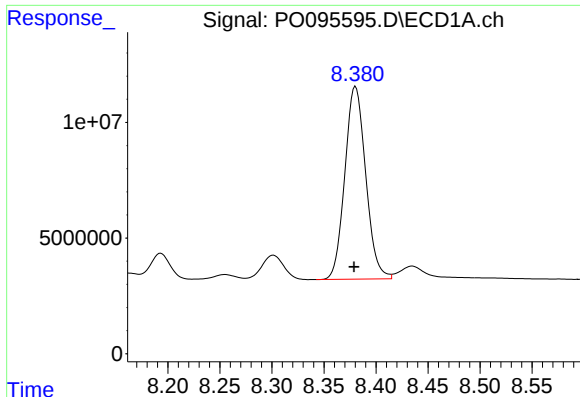
#34 AR-1260-4

R.T.: 8.056 min
Delta R.T.: 0.002 min
Response: 65218395
Conc: 511.64 ng/ml



#34 AR-1260-4

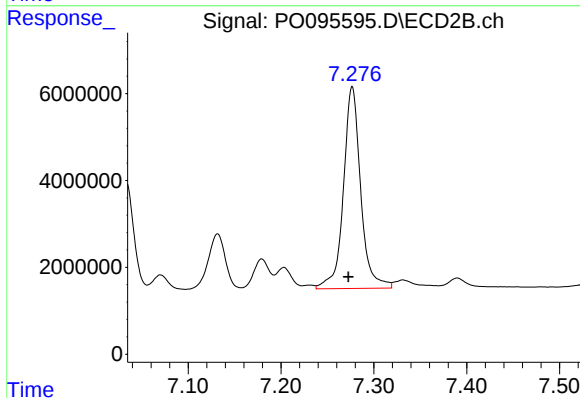
R.T.: 7.033 min
Delta R.T.: 0.004 min
Response: 28829775
Conc: 537.46 ng/ml



#35 AR-1260-5

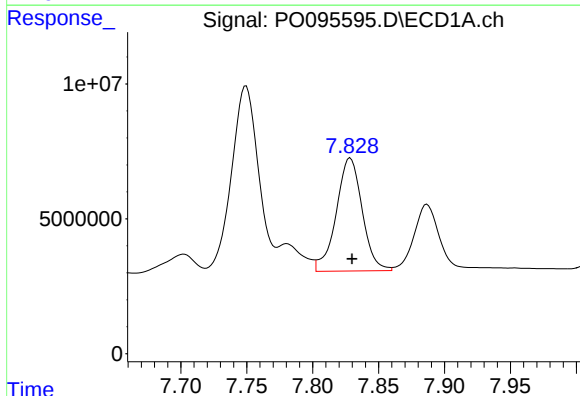
R.T.: 8.380 min
Delta R.T.: 0.001 min
Response: 116377149
Conc: 526.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



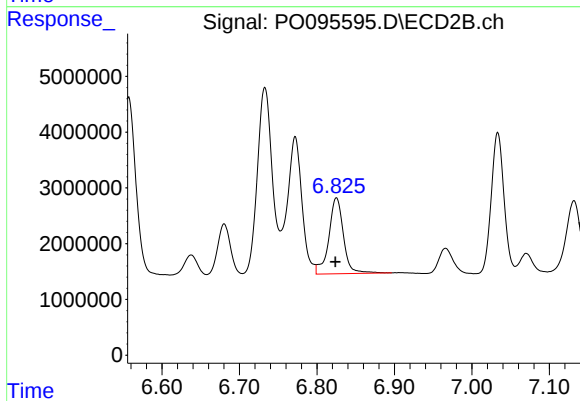
#35 AR-1260-5

R.T.: 7.277 min
Delta R.T.: 0.004 min
Response: 60025670
Conc: 561.80 ng/ml



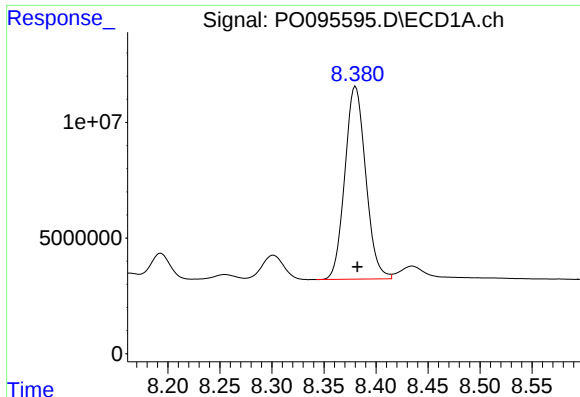
#36 AR-1262-1

R.T.: 7.829 min
Delta R.T.: -0.001 min
Response: 57433238
Conc: 332.73 ng/ml



#36 AR-1262-1

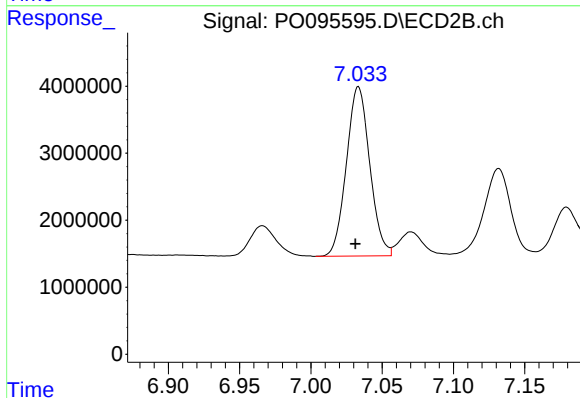
R.T.: 6.825 min
Delta R.T.: 0.001 min
Response: 17862854
Conc: 449.05 ng/ml



#37 AR-1262-2

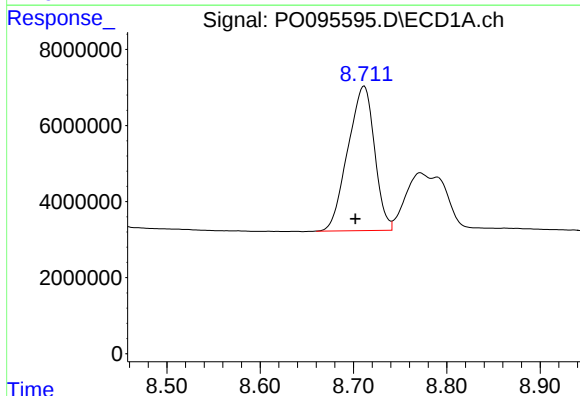
R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 116377149
Conc: 426.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



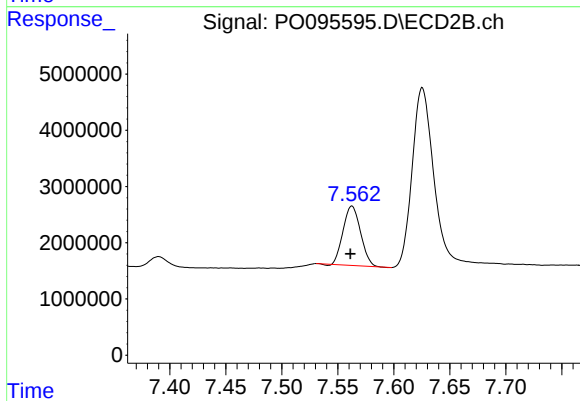
#37 AR-1262-2

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 28829775
Conc: 367.97 ng/ml



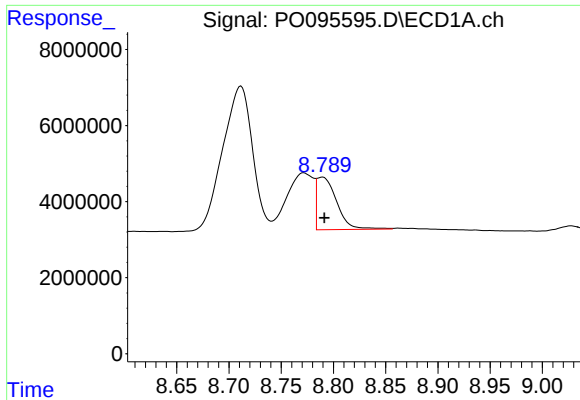
#38 AR-1262-3

R.T.: 8.711 min
Delta R.T.: 0.009 min
Response: 75459436
Conc: 390.56 ng/ml



#38 AR-1262-3

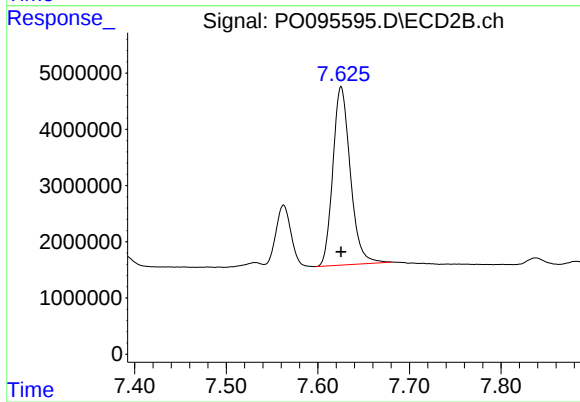
R.T.: 7.563 min
Delta R.T.: 0.001 min
Response: 11425576
Conc: 194.53 ng/ml



#39 AR-1262-4

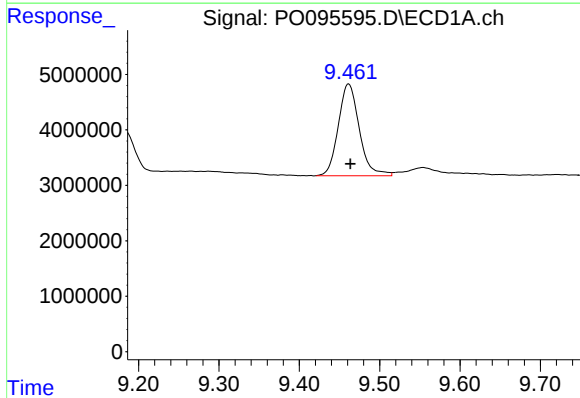
R.T.: 8.790 min
Delta R.T.: -0.001 min
Response: 18377656
Conc: 218.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



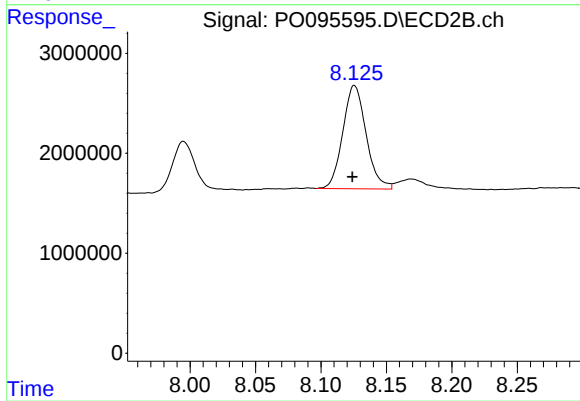
#39 AR-1262-4

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 41977804
Conc: 427.21 ng/ml



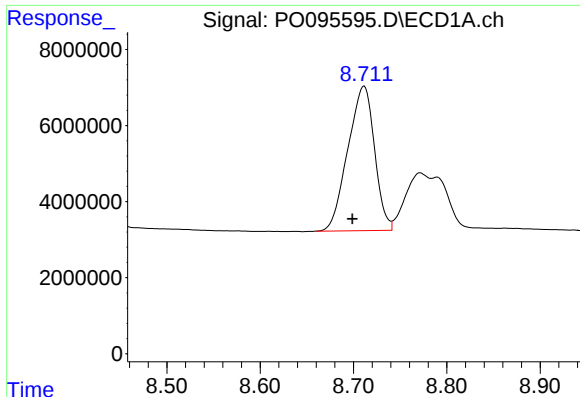
#40 AR-1262-5

R.T.: 9.462 min
Delta R.T.: -0.002 min
Response: 30026354
Conc: 289.12 ng/ml



#40 AR-1262-5

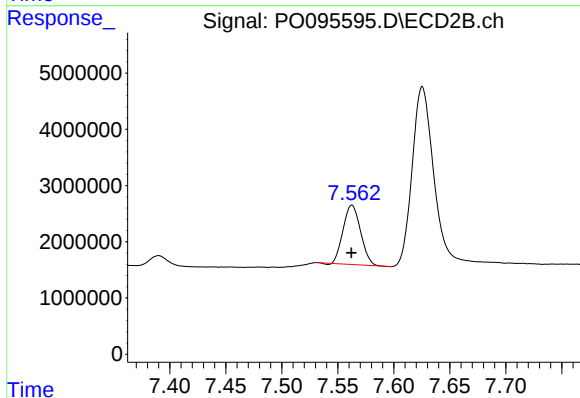
R.T.: 8.126 min
Delta R.T.: 0.002 min
Response: 12849307
Conc: 323.85 ng/ml



#41 AR-1268-1

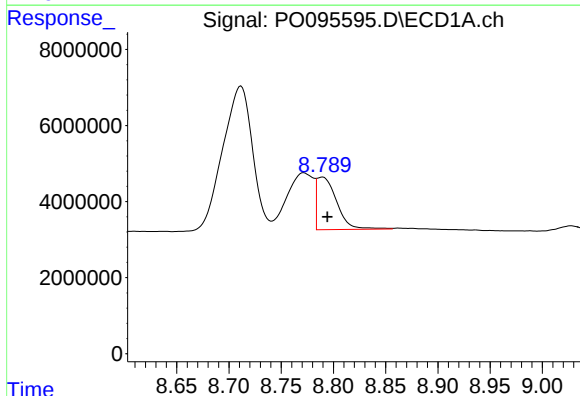
R.T.: 8.711 min
Delta R.T.: 0.013 min
Response: 75459436
Conc: 216.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



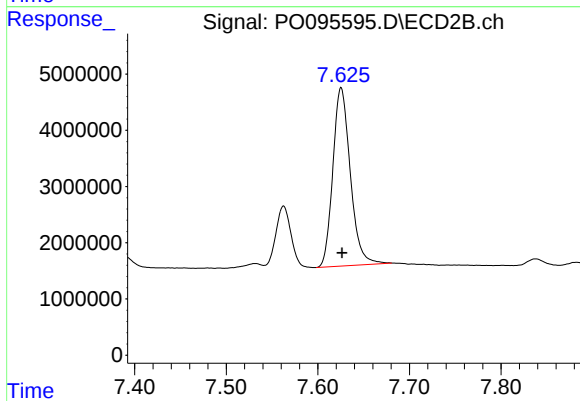
#41 AR-1268-1

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 11425576
Conc: 72.69 ng/ml



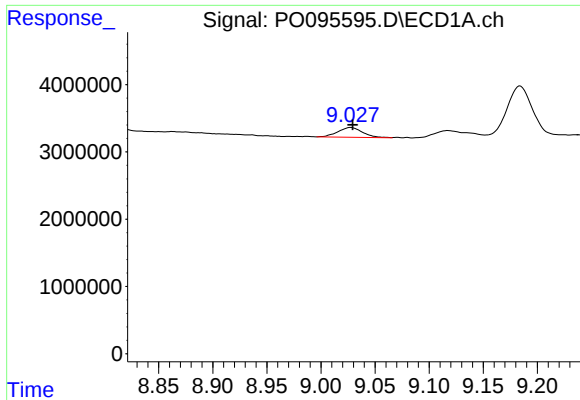
#42 AR-1268-2

R.T.: 8.790 min
Delta R.T.: -0.005 min
Response: 18377656
Conc: 58.36 ng/ml



#42 AR-1268-2

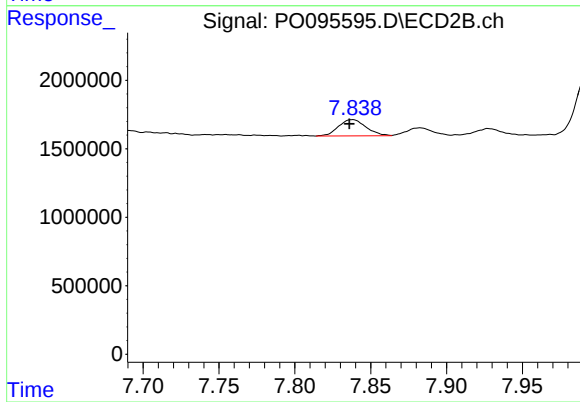
R.T.: 7.625 min
Delta R.T.: -0.001 min
Response: 41977804
Conc: 295.42 ng/ml



#43 AR-1268-3

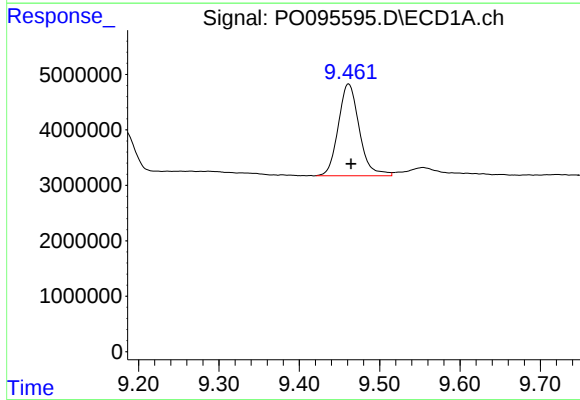
R.T.: 9.028 min
Delta R.T.: -0.002 min
Response: 2303494
Conc: 8.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



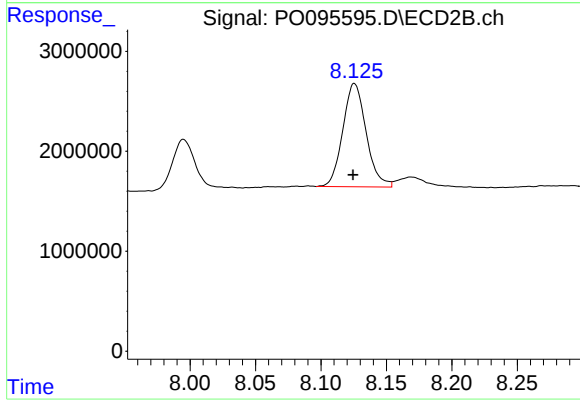
#43 AR-1268-3

R.T.: 7.838 min
Delta R.T.: 0.002 min
Response: 1501575
Conc: 10.81 ng/ml



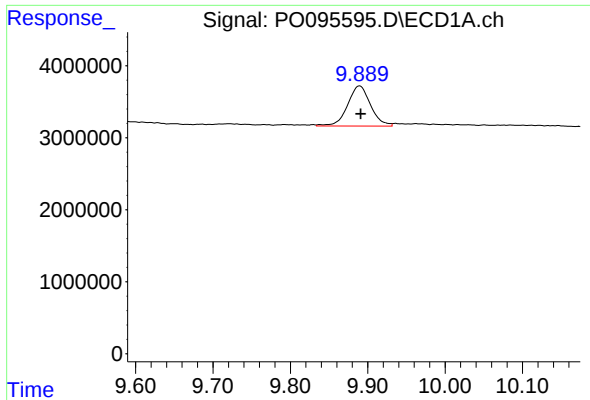
#44 AR-1268-4

R.T.: 9.462 min
Delta R.T.: -0.003 min
Response: 30026354
Conc: 258.10 ng/ml



#44 AR-1268-4

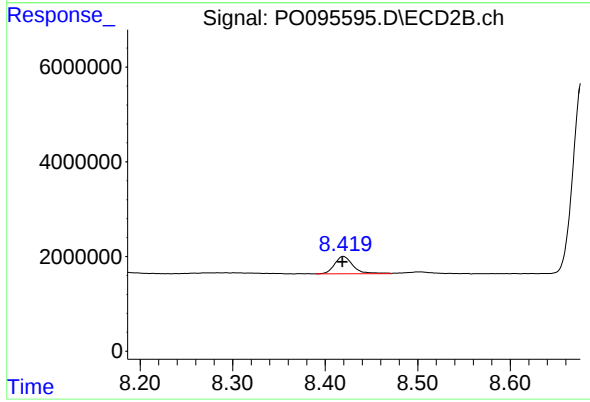
R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 12849307
Conc: 274.79 ng/ml



#45 AR-1268-5

R.T.: 9.890 min
Delta R.T.: -0.001 min
Response: 11527871
Conc: 12.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 5089836
Conc: 12.99 ng/ml