

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031523\
 Data File : P0093159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 11:49
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 22:04:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.429	3.634	150.0E6	54876272	47.890	48.655
2)	SA Decachlor...	10.265	8.666	99504538	46364187	45.976	47.352
Target Compounds							
3)	L1 AR-1016-1	5.606	4.720	37551032	14407041	392.990	402.479
4)	L1 AR-1016-2	5.628	4.738	55739198	20716891	390.352	399.199
5)	L1 AR-1016-3	5.691	4.914	36105983	11212486	397.934	405.290
6)	L1 AR-1016-4	5.789	4.957	27324544	9947390	403.307	400.075
7)	L1 AR-1016-5	6.087	5.171	30375117	13242919	405.693	418.433
8)	L2 AR-1221-1	4.634	3.847	4810189	1792368	118.998	121.892
9)	L2 AR-1221-2	4.726	3.933	6934773	2578251	228.834	236.089
10)	L2 AR-1221-3	4.802	4.009	24486213	9382157	267.838	275.401
11)	L3 AR-1232-1	4.802	4.009	24486213	9382157	335.387	332.180
12)	L3 AR-1232-2	5.336	4.738	31131942	20716891	865.826	840.773
13)	L3 AR-1232-3	5.628	4.914	55739198	11212486	851.437	886.239
14)	L3 AR-1232-4	5.789	4.999	27324544	12514823	892.466	977.137
15)	L3 AR-1232-5	5.882	5.171	24292128	13242919	875.435	944.296
16)	L4 AR-1242-1	5.606	4.720	37551032	14407041	458.144	474.123
17)	L4 AR-1242-2	5.628	4.738	55739198	20716891	464.404	466.620
18)	L4 AR-1242-3	5.691	4.914	36105983	11212486	470.447	479.583
19)	L4 AR-1242-4	5.789	4.999	27324544	12514823	476.789	480.413
20)	L4 AR-1242-5	6.533	5.523	29270815	14274514	468.408	499.684
21)	L5 AR-1248-1	5.606	4.720	37551032	14407041	604.065	619.080
22)	L5 AR-1248-2	5.882	4.957	24292128	9947390	254.342	274.482
23)	L5 AR-1248-3	6.087	4.999	30375117	12514823	291.903	333.492
24)	L5 AR-1248-4	6.495	5.171	27006156	13242919	265.205	307.821
25)	L5 AR-1248-5	6.533	5.564	29270815	11501798	285.961	312.741
26)	L6 AR-1254-1	6.467	5.523	20483889	14274514	175.285	227.433 #
27)	L6 AR-1254-2	6.692	5.671	24404241	4507507	142.825	79.989 #
28)	L6 AR-1254-3	7.059	6.077	10575898	5594057	63.619	64.976
29)	L6 AR-1254-4	7.347	6.306	7691484	4041798	72.154	88.382
30)	L6 AR-1254-5	7.770	6.727	4801860	1984156	35.462	26.867
31)	L7 AR-1260-1	7.226	6.221	1308817	3159063	10.103	51.960 #
32)	L7 AR-1260-2	7.484	6.396	3613018	1098689	24.474	15.197 #
33)	L7 AR-1260-3	7.850	6.549	68913	1115592	0.613	16.683 #
34)	L7 AR-1260-4	8.059	7.062f	1634461	499280	12.746	9.073 #
35)	L7 AR-1260-5	8.365f	0.000	358979	0	1.607	N.D. #
36)	L8 AR-1262-1	7.770	6.727	4801860	1984156	48.307	53.097
37)	L8 AR-1262-2	8.365f	0.000	358979	0	1.513	N.D. #
38)	L8 AR-1262-3	8.738	7.614	423873	375306	2.510	4.152 #
39)	L8 AR-1262-4	8.782	7.614	1572219	375306	17.555	4.152 #
41)	L9 AR-1268-1	8.738	7.614f	423873	375306	1.327	2.398 #
42)	L9 AR-1268-2	8.782f	7.614	1572219	375306	5.416	2.688 #

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QLast Update : Tue Mar 14 05:32:59 2023
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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

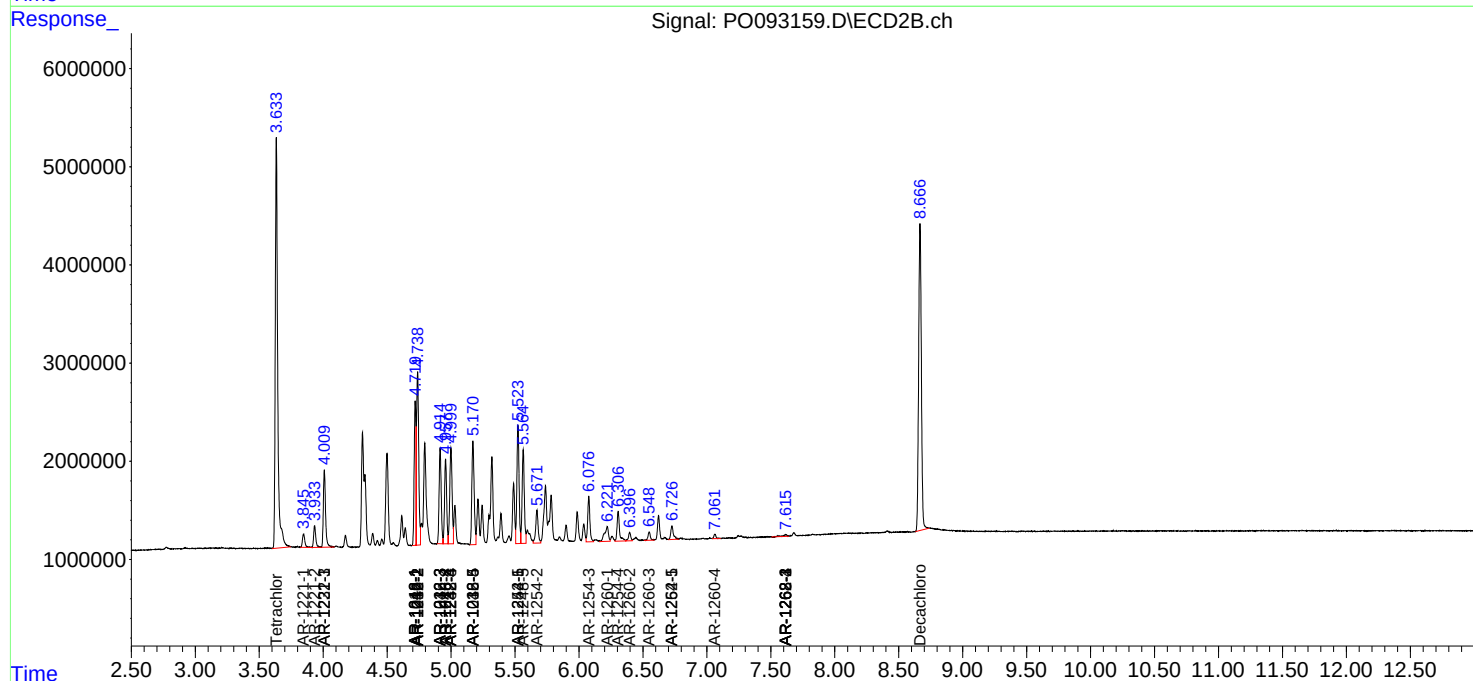
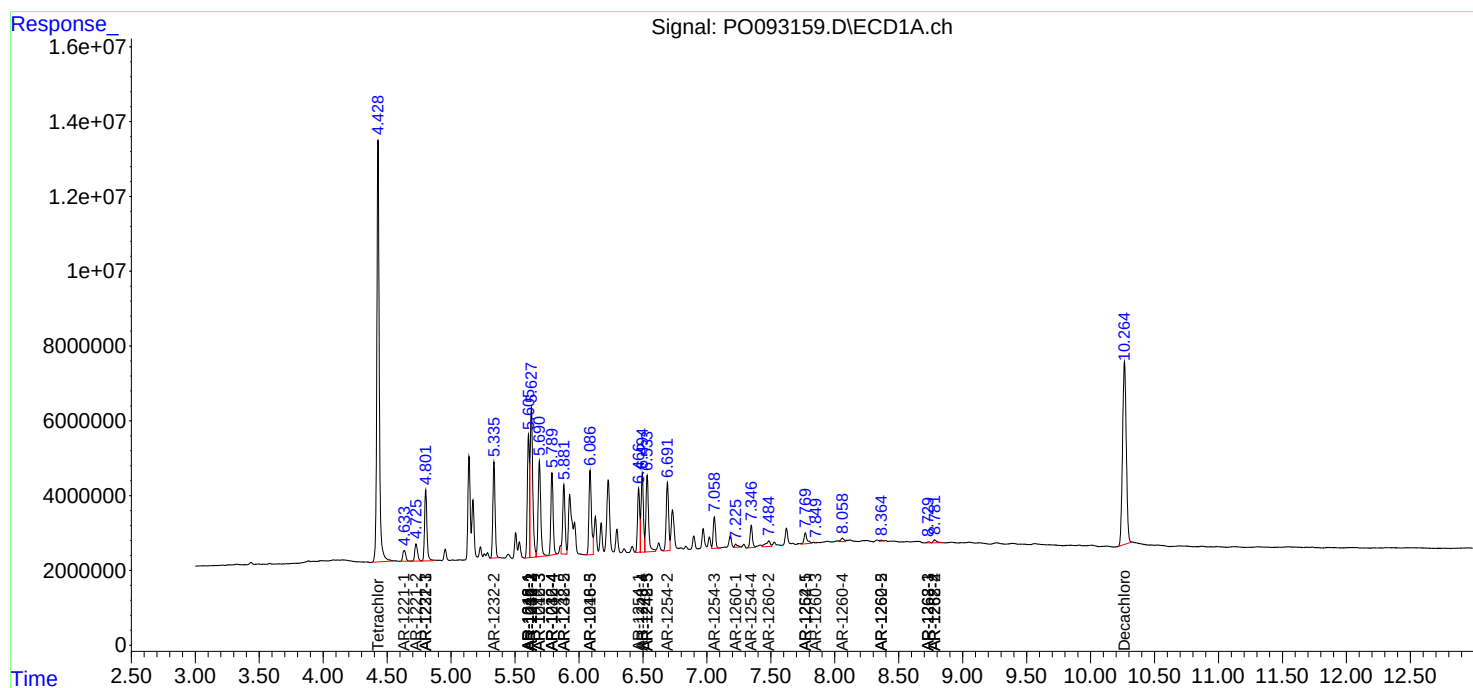
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

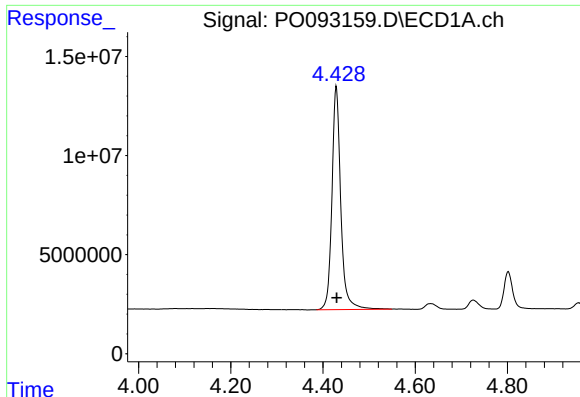
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031523\
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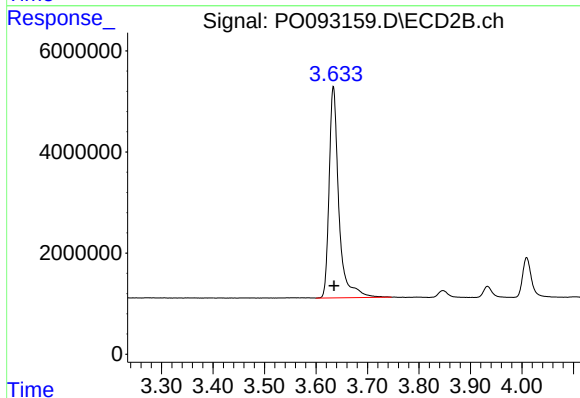




#1 Tetrachloro-m-xylene

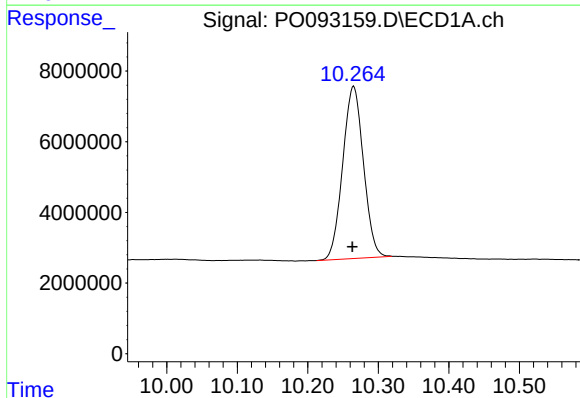
R.T.: 4.429 min
Delta R.T.: -0.001 min
Response: 149968675
Conc: 47.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



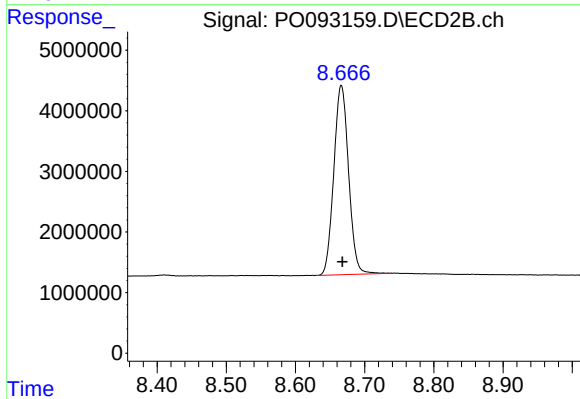
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: -0.001 min
Response: 54876272
Conc: 48.66 ng/ml



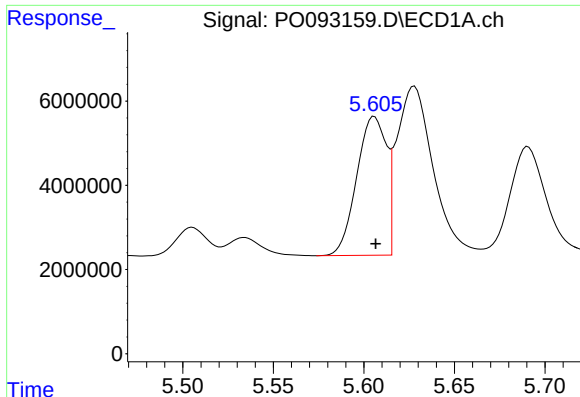
#2 Decachlorobiphenyl

R.T.: 10.265 min
Delta R.T.: 0.002 min
Response: 99504538
Conc: 45.98 ng/ml



#2 Decachlorobiphenyl

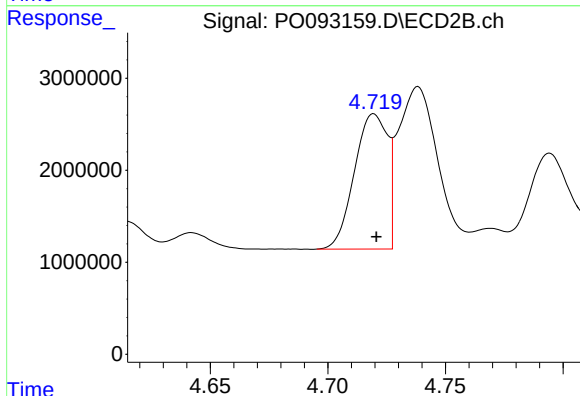
R.T.: 8.666 min
Delta R.T.: -0.002 min
Response: 46364187
Conc: 47.35 ng/ml



#3 AR-1016-1

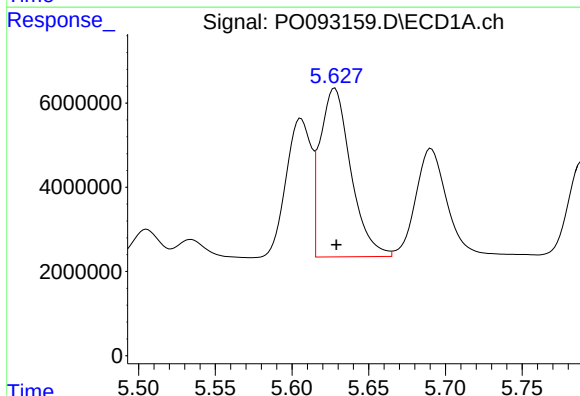
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 37551032
Conc: 392.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



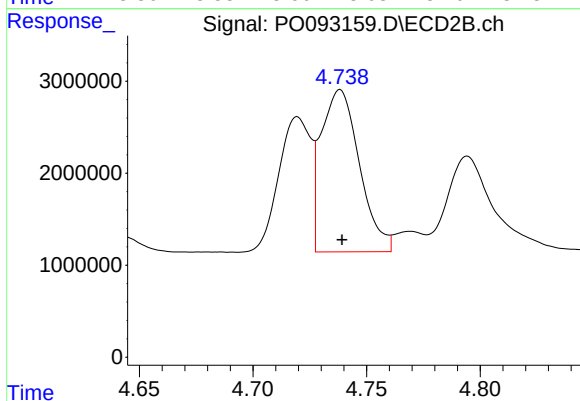
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.001 min
Response: 14407041
Conc: 402.48 ng/ml



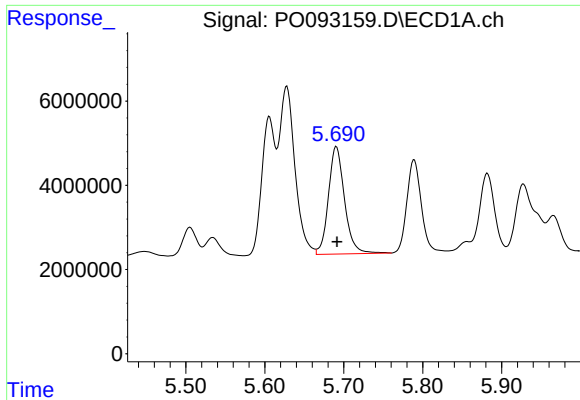
#4 AR-1016-2

R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 55739198
Conc: 390.35 ng/ml



#4 AR-1016-2

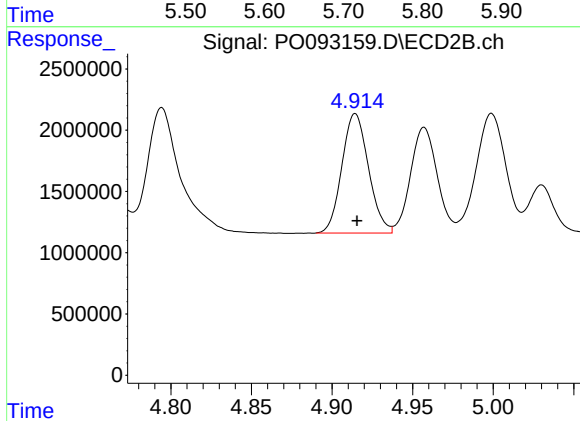
R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 20716891
Conc: 399.20 ng/ml



#5 AR-1016-3

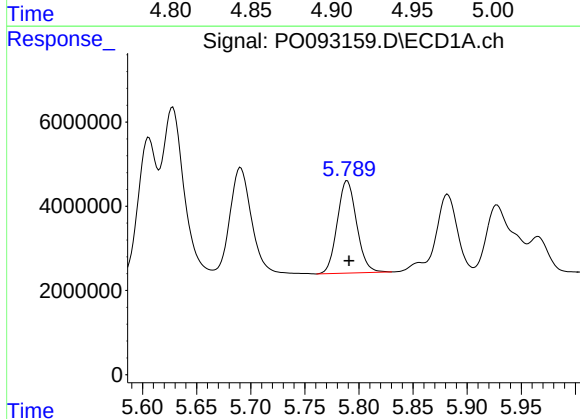
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 36105983
Conc: 397.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



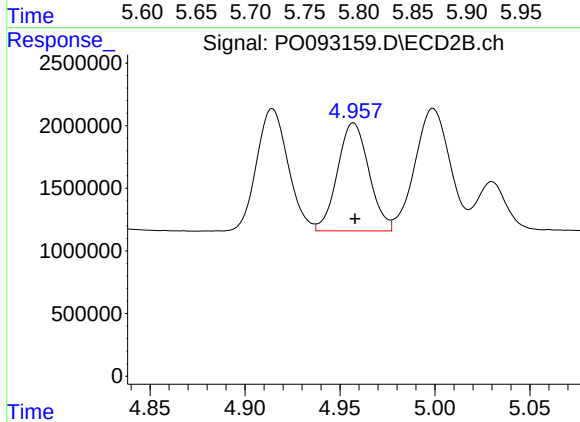
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.001 min
Response: 11212486
Conc: 405.29 ng/ml



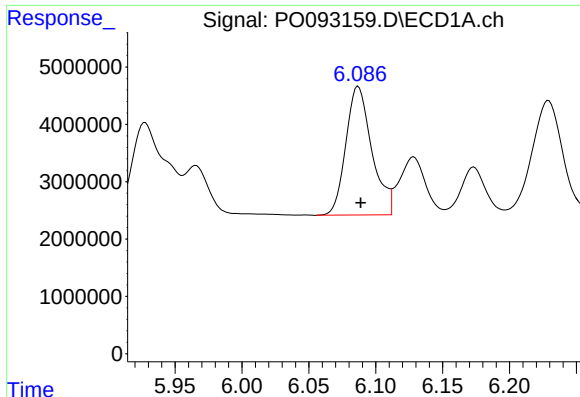
#6 AR-1016-4

R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 27324544
Conc: 403.31 ng/ml



#6 AR-1016-4

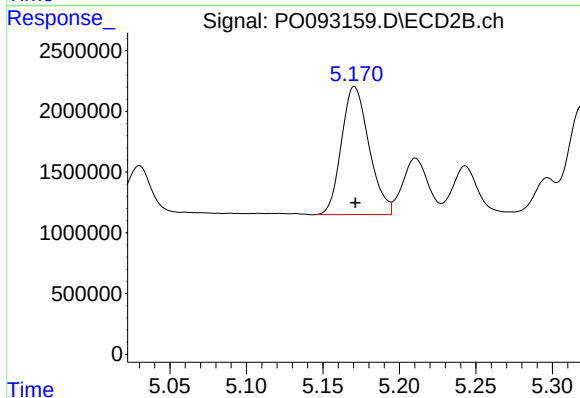
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 9947390
Conc: 400.08 ng/ml



#7 AR-1016-5

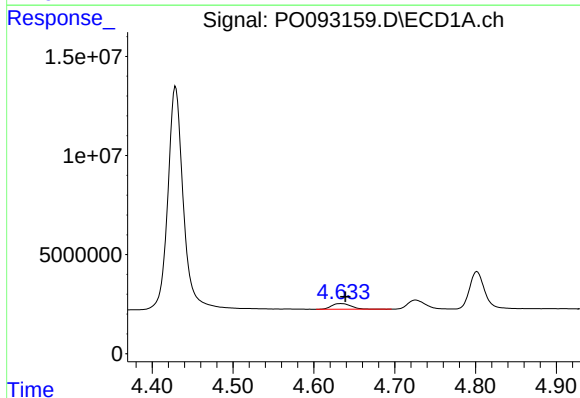
R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 30375117
Conc: 405.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



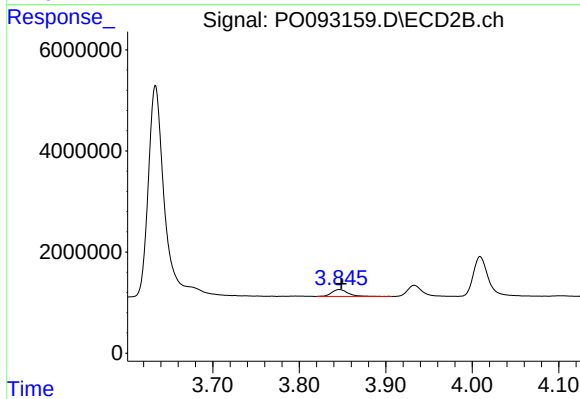
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 13242919
Conc: 418.43 ng/ml



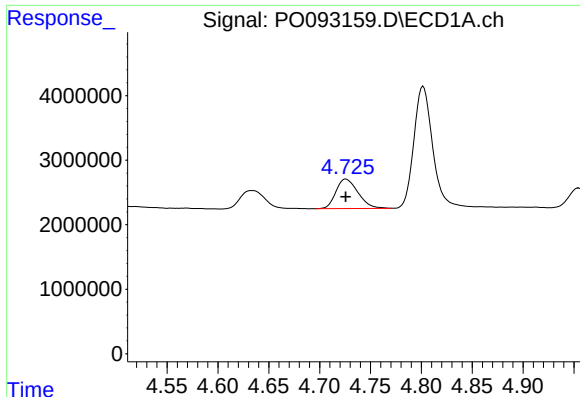
#8 AR-1221-1

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 4810189
Conc: 119.00 ng/ml



#8 AR-1221-1

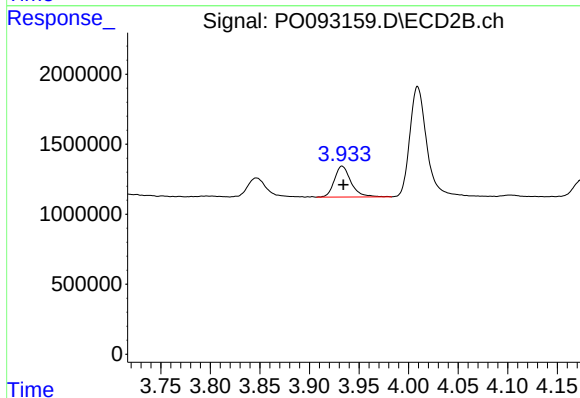
R.T.: 3.847 min
Delta R.T.: -0.002 min
Response: 1792368
Conc: 121.89 ng/ml



#9 AR-1221-2

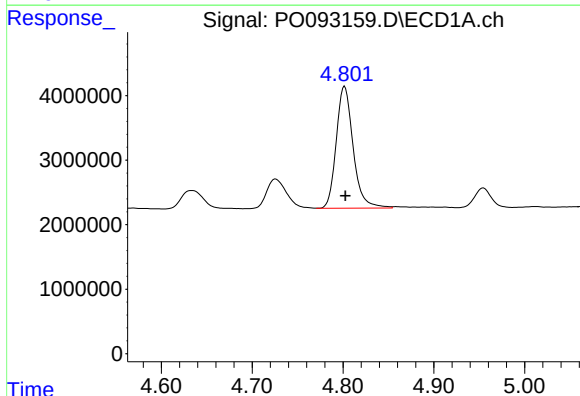
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 6934773
Conc: 228.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



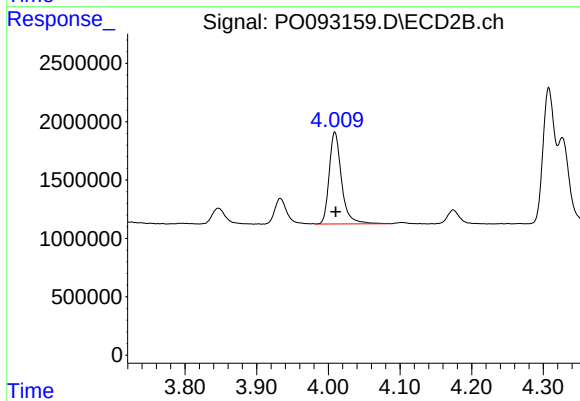
#9 AR-1221-2

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 2578251
Conc: 236.09 ng/ml



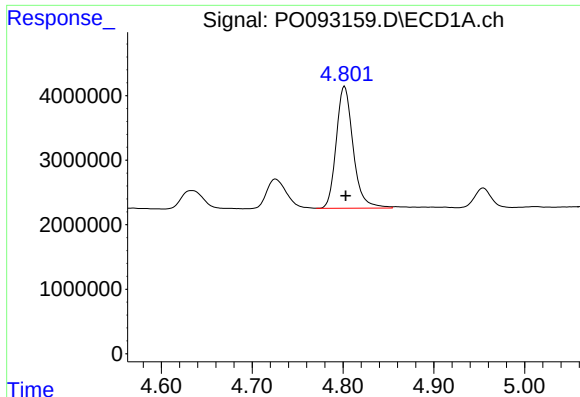
#10 AR-1221-3

R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 24486213
Conc: 267.84 ng/ml



#10 AR-1221-3

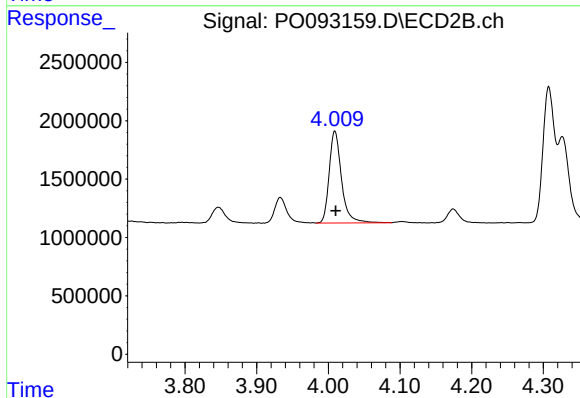
R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 9382157
Conc: 275.40 ng/ml



#11 AR-1232-1

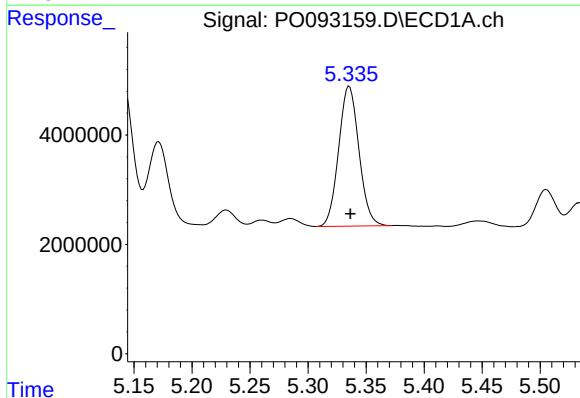
R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 24486213
Conc: 335.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



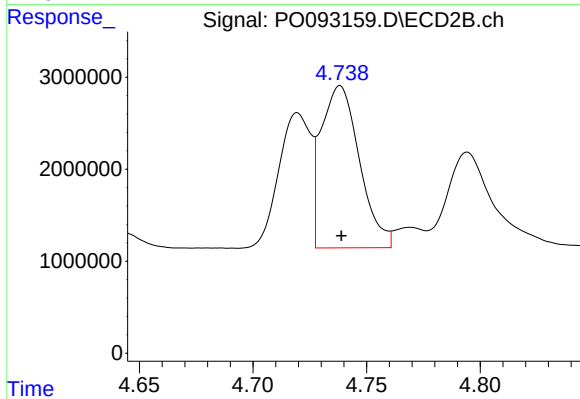
#11 AR-1232-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 9382157
Conc: 332.18 ng/ml



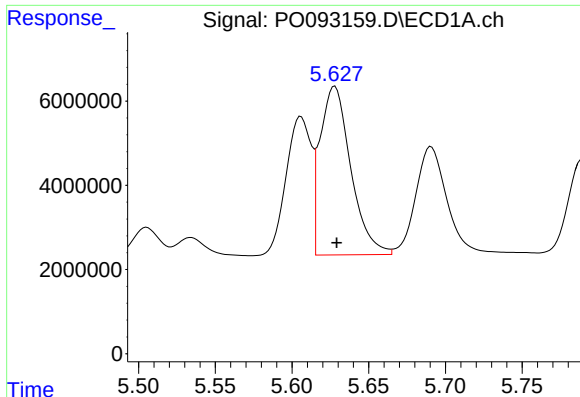
#12 AR-1232-2

R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 31131942
Conc: 865.83 ng/ml



#12 AR-1232-2

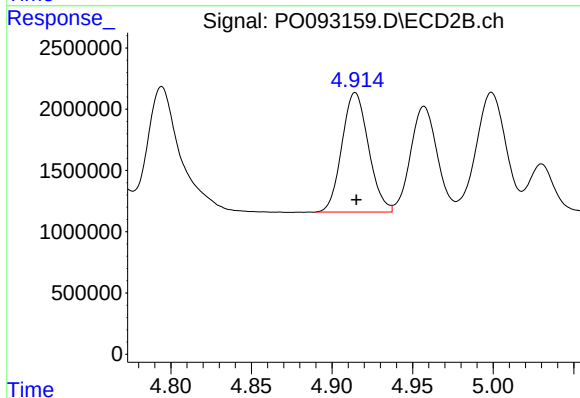
R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 20716891
Conc: 840.77 ng/ml



#13 AR-1232-3

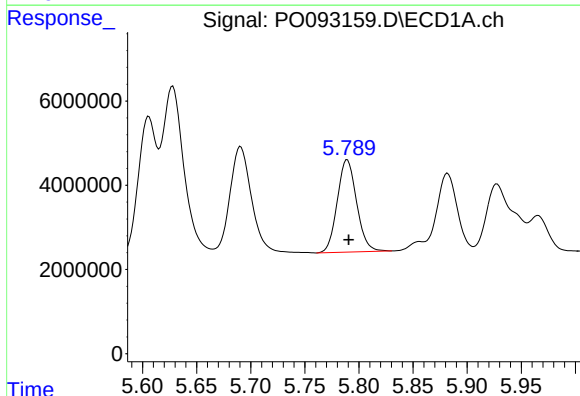
R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 55739198
Conc: 851.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



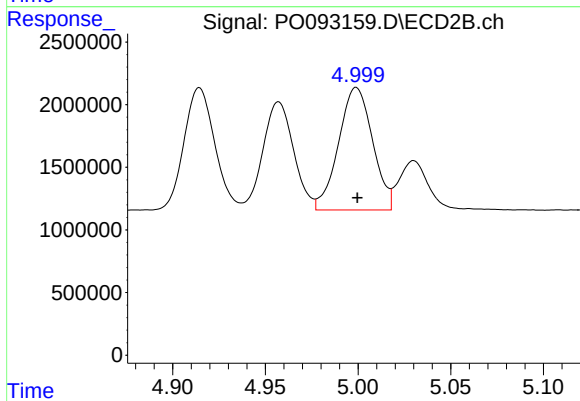
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 11212486
Conc: 886.24 ng/ml



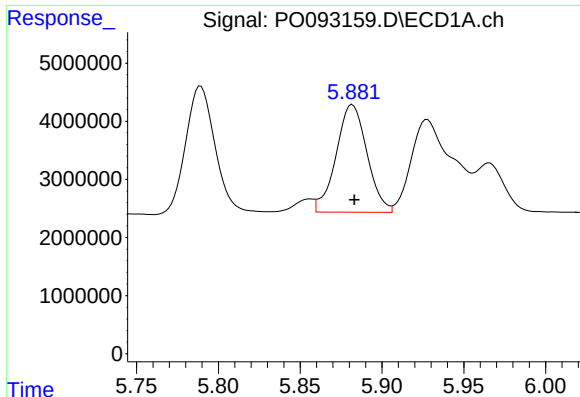
#14 AR-1232-4

R.T.: 5.789 min
Delta R.T.: -0.001 min
Response: 27324544
Conc: 892.47 ng/ml



#14 AR-1232-4

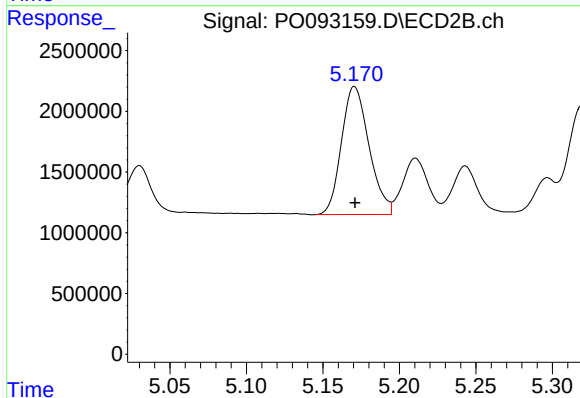
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 12514823
Conc: 977.14 ng/ml



#15 AR-1232-5

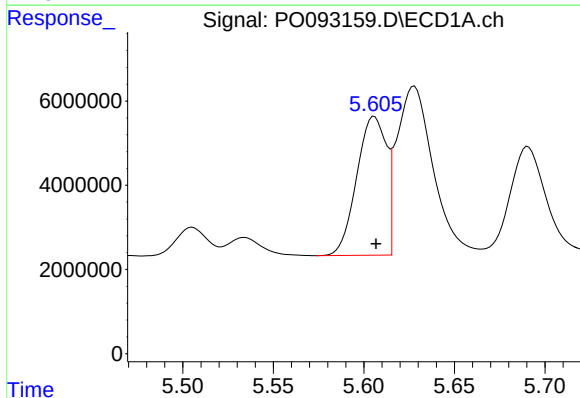
R.T.: 5.882 min
Delta R.T.: -0.001 min
Response: 24292128
Conc: 875.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



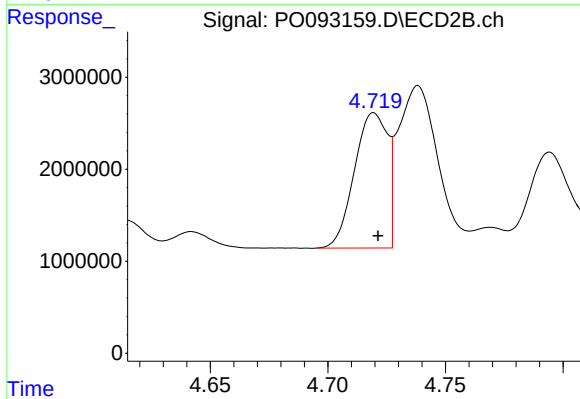
#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 13242919
Conc: 944.30 ng/ml



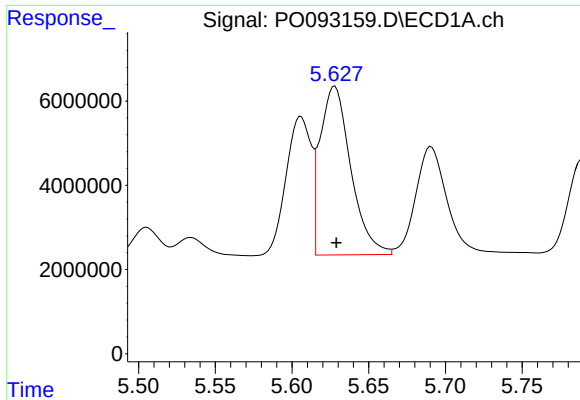
#16 AR-1242-1

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 37551032
Conc: 458.14 ng/ml



#16 AR-1242-1

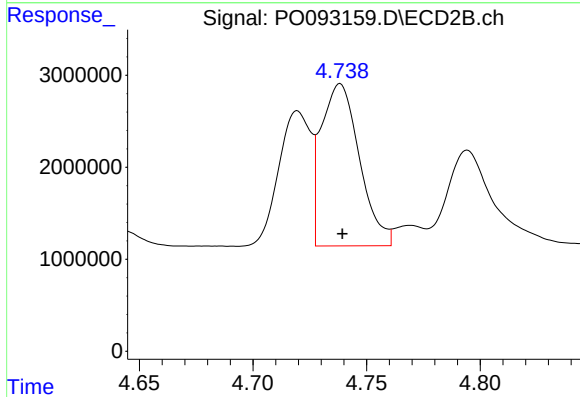
R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 14407041
Conc: 474.12 ng/ml



#17 AR-1242-2

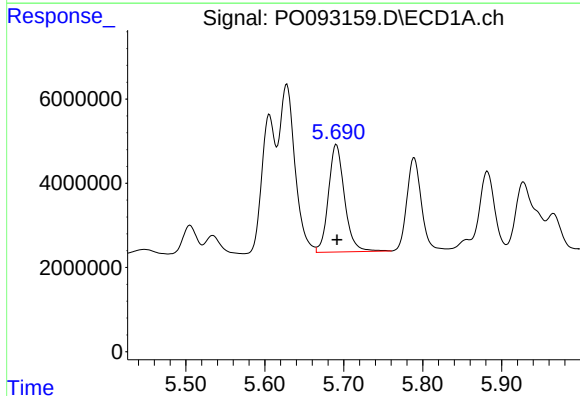
R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 55739198
Conc: 464.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



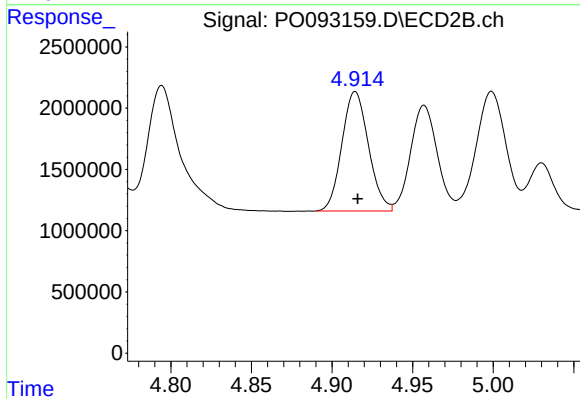
#17 AR-1242-2

R.T.: 4.738 min
Delta R.T.: -0.001 min
Response: 20716891
Conc: 466.62 ng/ml



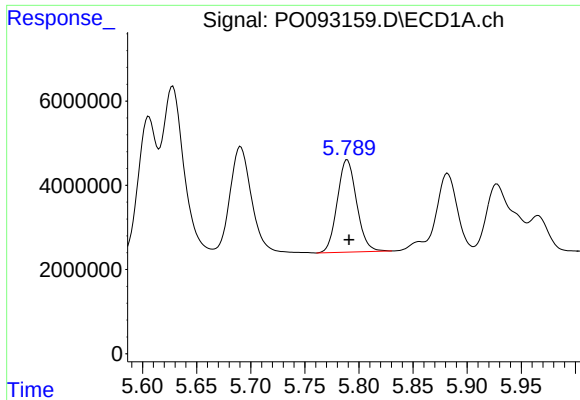
#18 AR-1242-3

R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 36105983
Conc: 470.45 ng/ml



#18 AR-1242-3

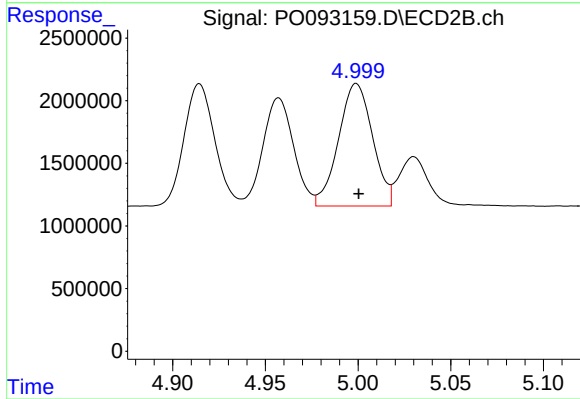
R.T.: 4.914 min
Delta R.T.: -0.002 min
Response: 11212486
Conc: 479.58 ng/ml



#19 AR-1242-4

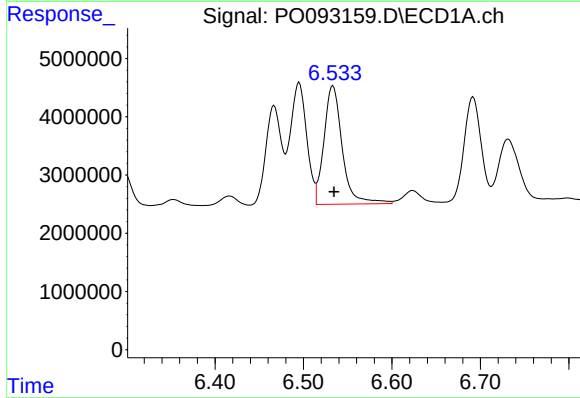
R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 27324544
Conc: 476.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



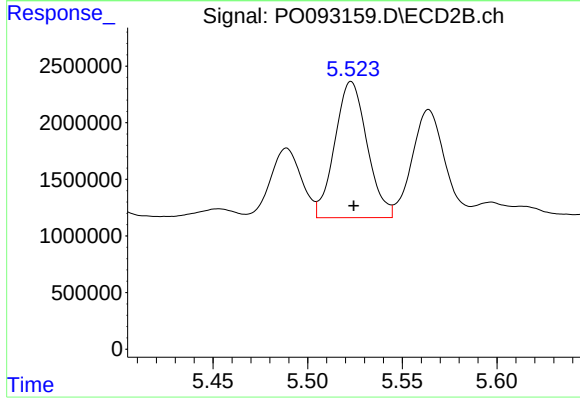
#19 AR-1242-4

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 12514823
Conc: 480.41 ng/ml



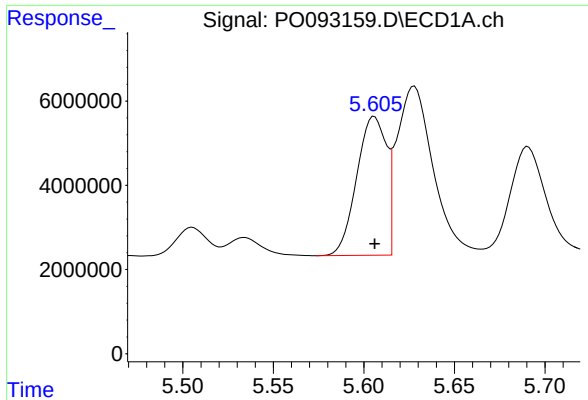
#20 AR-1242-5

R.T.: 6.533 min
Delta R.T.: -0.001 min
Response: 29270815
Conc: 468.41 ng/ml



#20 AR-1242-5

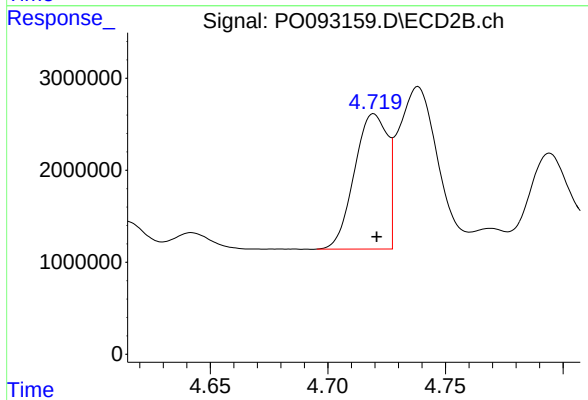
R.T.: 5.523 min
Delta R.T.: -0.001 min
Response: 14274514
Conc: 499.68 ng/ml



#21 AR-1248-1

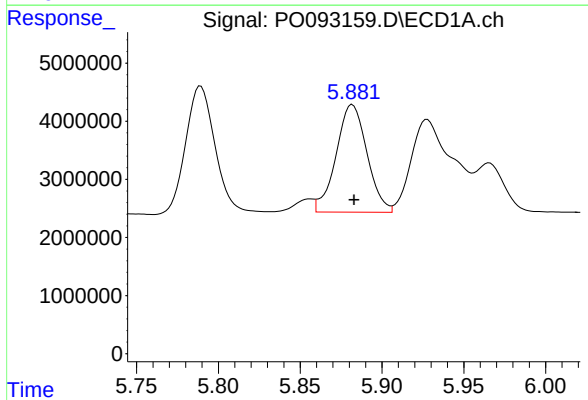
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 37551032
Conc: 604.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



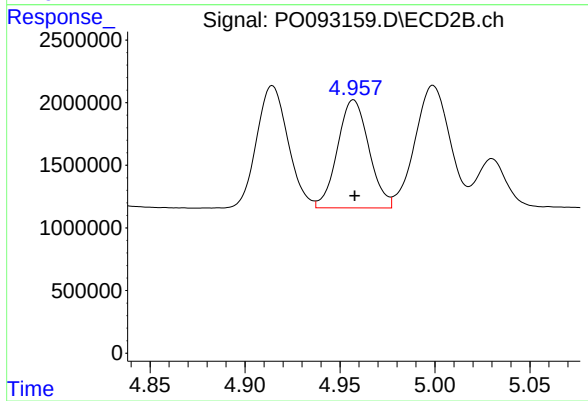
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: -0.001 min
Response: 14407041
Conc: 619.08 ng/ml



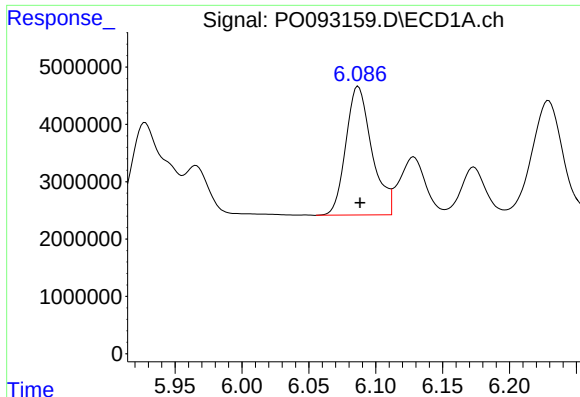
#22 AR-1248-2

R.T.: 5.882 min
Delta R.T.: -0.001 min
Response: 24292128
Conc: 254.34 ng/ml



#22 AR-1248-2

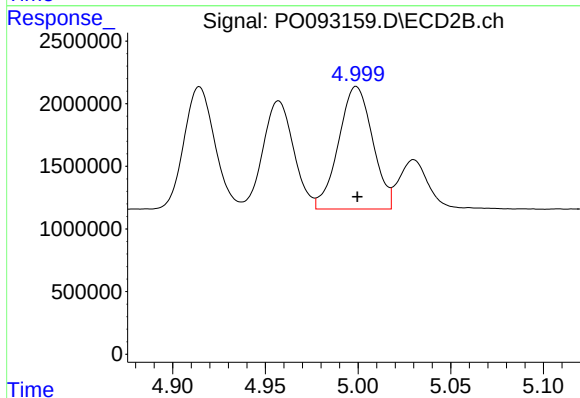
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 9947390
Conc: 274.48 ng/ml



#23 AR-1248-3

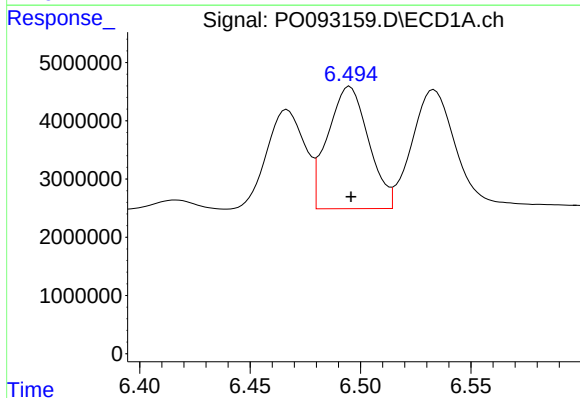
R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 30375117
Conc: 291.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



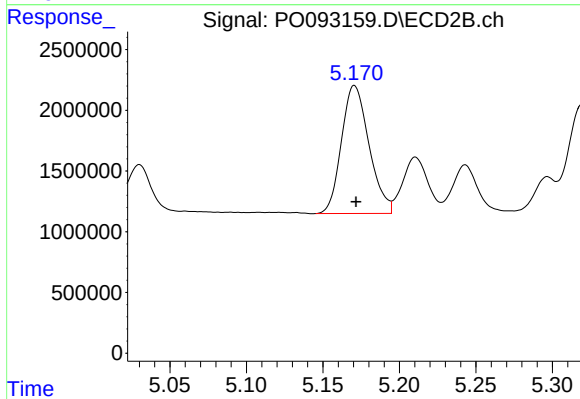
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 12514823
Conc: 333.49 ng/ml



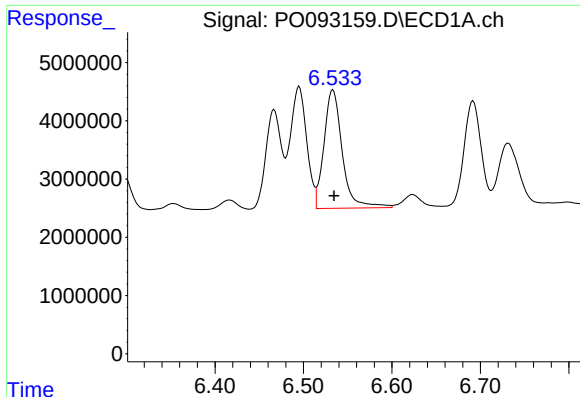
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 27006156
Conc: 265.21 ng/ml



#24 AR-1248-4

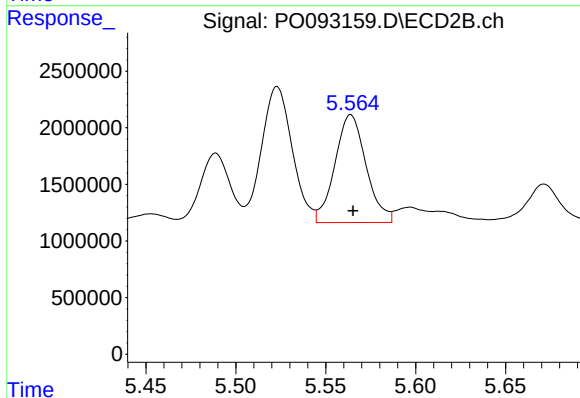
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 13242919
Conc: 307.82 ng/ml



#25 AR-1248-5

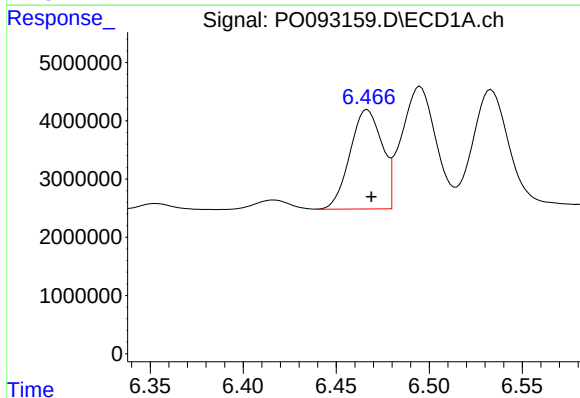
R.T.: 6.533 min
Delta R.T.: -0.001 min
Response: 29270815
Conc: 285.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



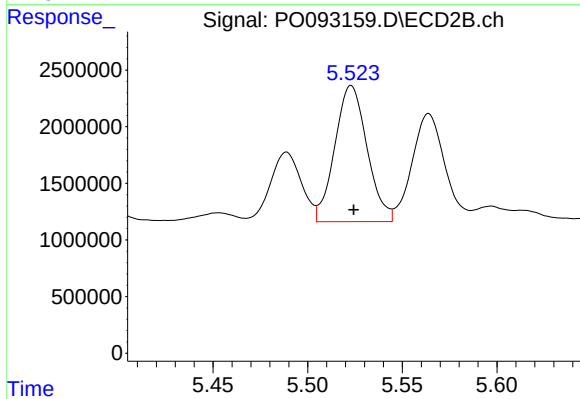
#25 AR-1248-5

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 11501798
Conc: 312.74 ng/ml



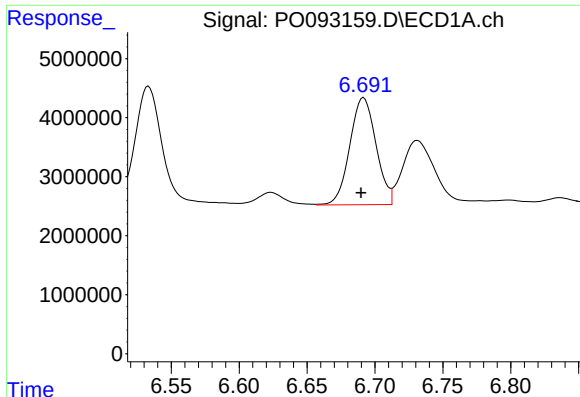
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 20483889
Conc: 175.29 ng/ml



#26 AR-1254-1

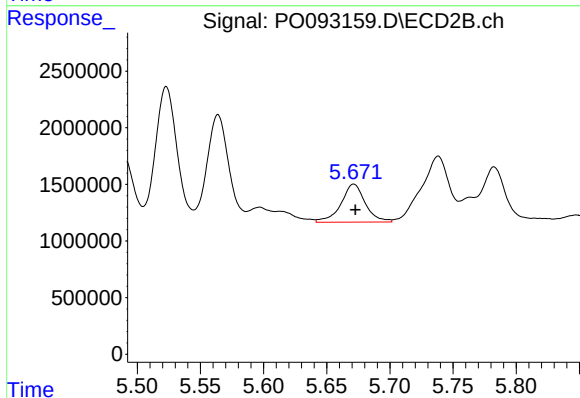
R.T.: 5.523 min
Delta R.T.: -0.001 min
Response: 14274514
Conc: 227.43 ng/ml



#27 AR-1254-2

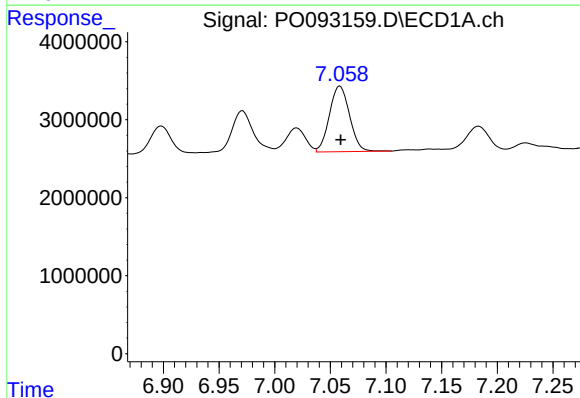
R.T.: 6.692 min
Delta R.T.: 0.002 min
Response: 24404241
Conc: 142.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



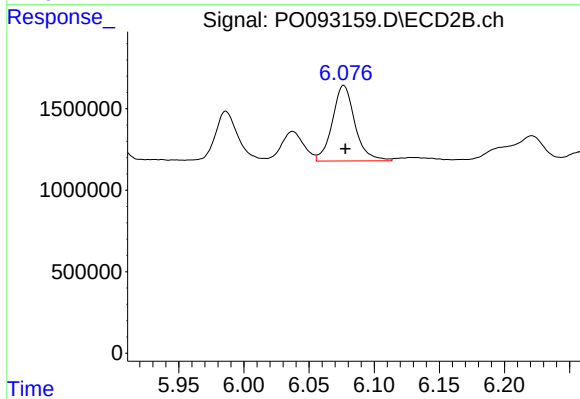
#27 AR-1254-2

R.T.: 5.671 min
Delta R.T.: -0.001 min
Response: 4507507
Conc: 79.99 ng/ml



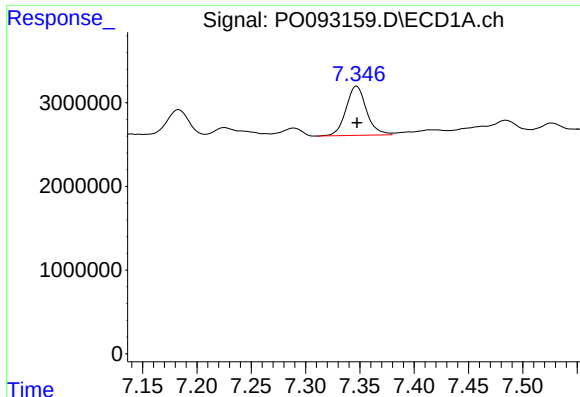
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 10575898
Conc: 63.62 ng/ml



#28 AR-1254-3

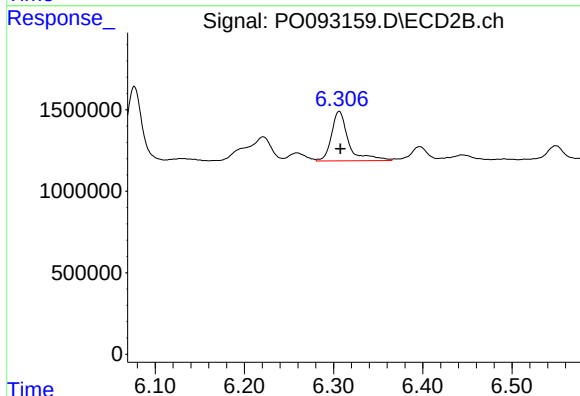
R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 5594057
Conc: 64.98 ng/ml



#29 AR-1254-4

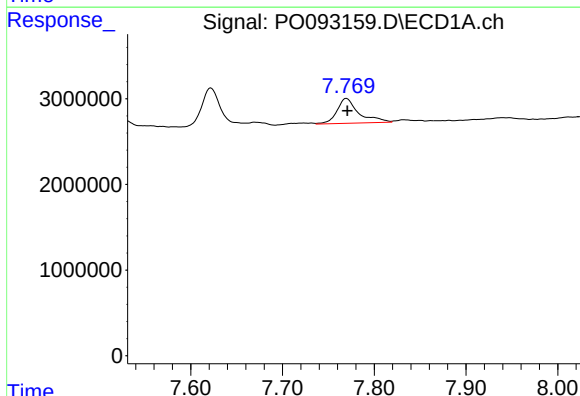
R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 7691484
Conc: 72.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



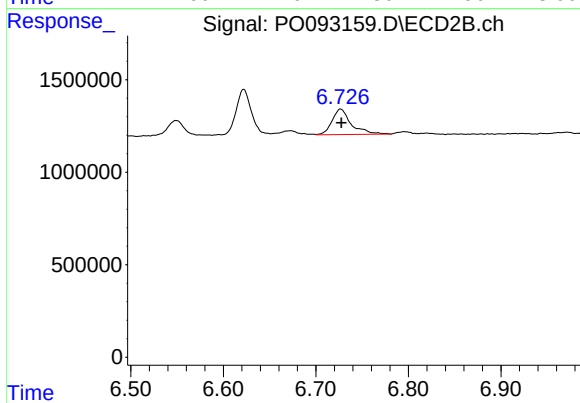
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: -0.001 min
Response: 4041798
Conc: 88.38 ng/ml



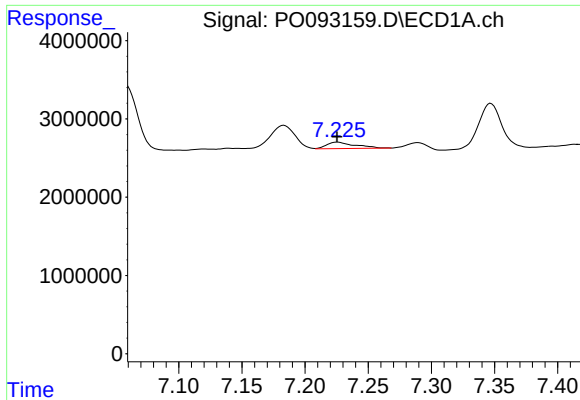
#30 AR-1254-5

R.T.: 7.770 min
Delta R.T.: -0.001 min
Response: 4801860
Conc: 35.46 ng/ml



#30 AR-1254-5

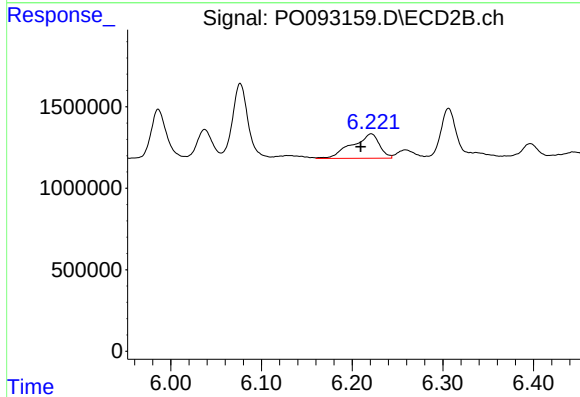
R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 1984156
Conc: 26.87 ng/ml



#31 AR-1260-1

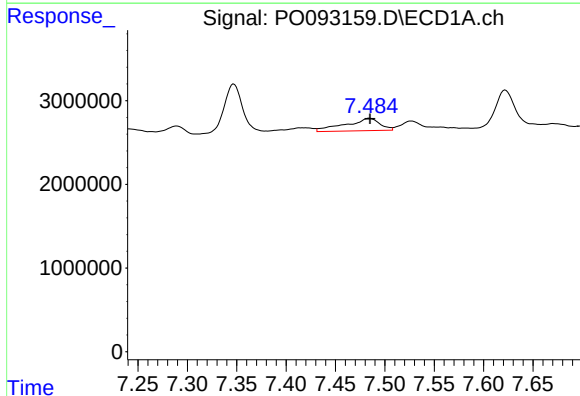
R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 1308817
Conc: 10.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



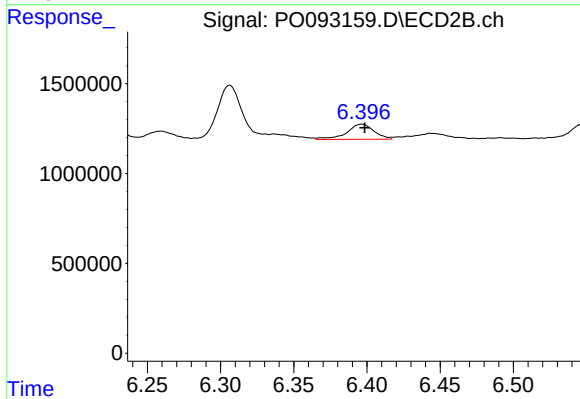
#31 AR-1260-1

R.T.: 6.221 min
Delta R.T.: 0.011 min
Response: 3159063
Conc: 51.96 ng/ml



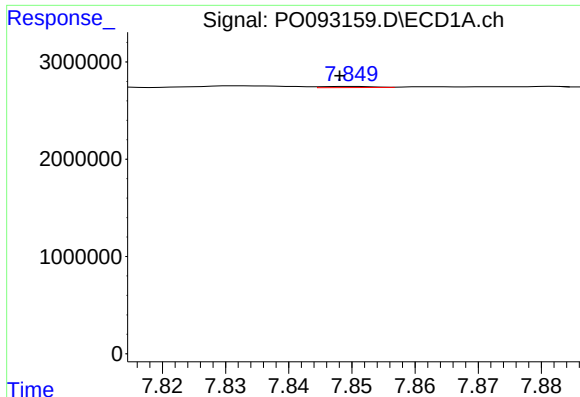
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 3613018
Conc: 24.47 ng/ml



#32 AR-1260-2

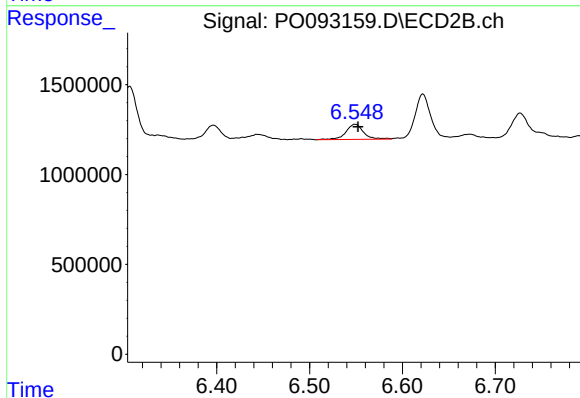
R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 1098689
Conc: 15.20 ng/ml



#33 AR-1260-3

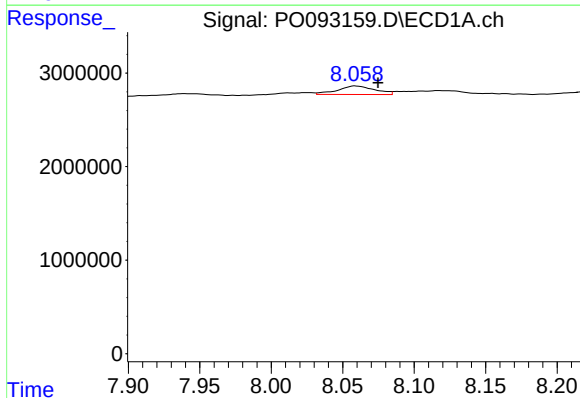
R.T.: 7.850 min
Delta R.T.: 0.002 min
Response: 68913
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



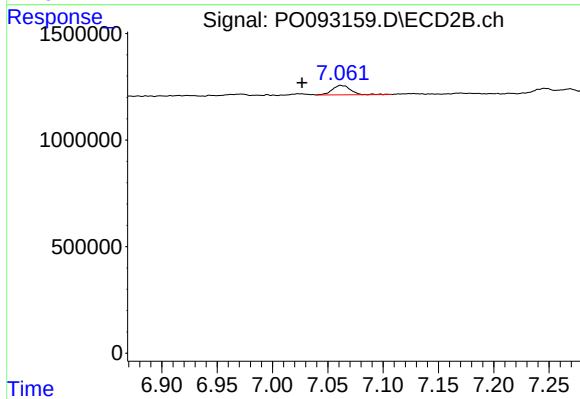
#33 AR-1260-3

R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 1115592
Conc: 16.68 ng/ml



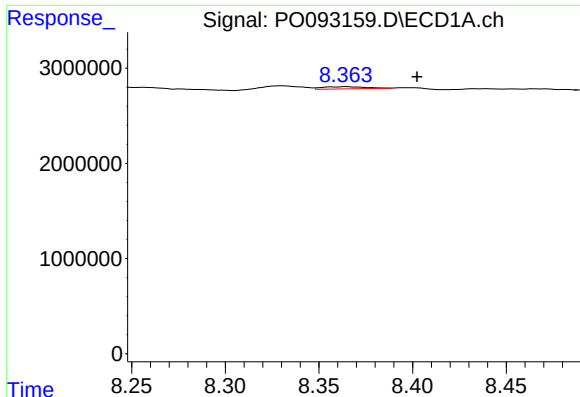
#34 AR-1260-4

R.T.: 8.059 min
Delta R.T.: -0.016 min
Response: 1634461
Conc: 12.75 ng/ml



#34 AR-1260-4

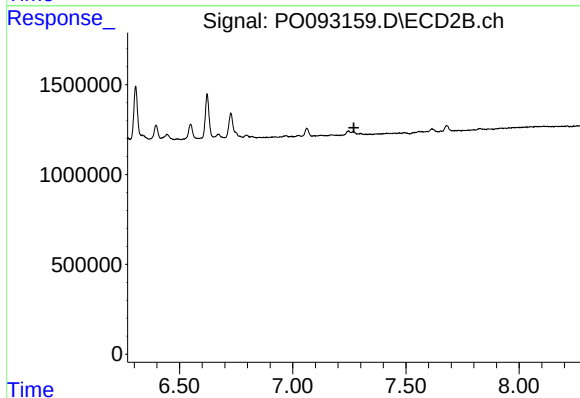
R.T.: 7.062 min
Delta R.T.: 0.035 min
Response: 499280
Conc: 9.07 ng/ml



#35 AR-1260-5

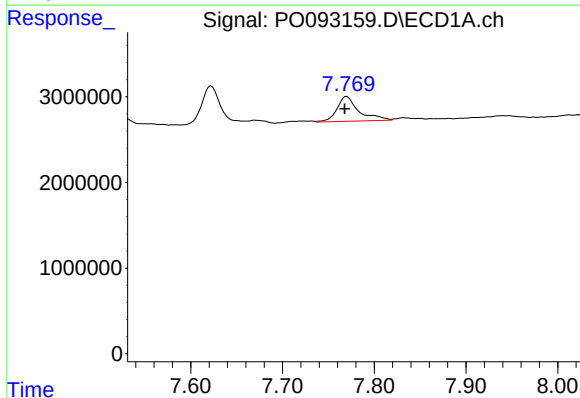
R.T.: 8.365 min
Delta R.T.: -0.038 min
Response: 358979
Conc: 1.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



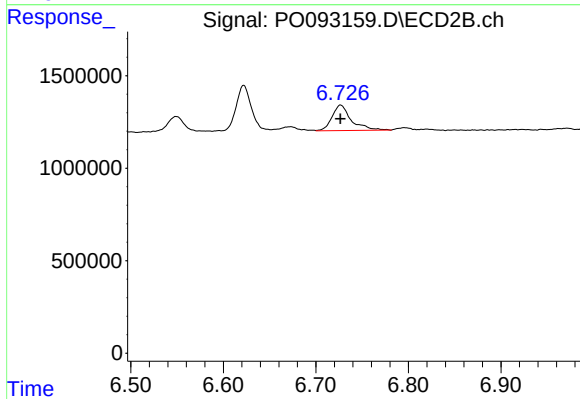
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



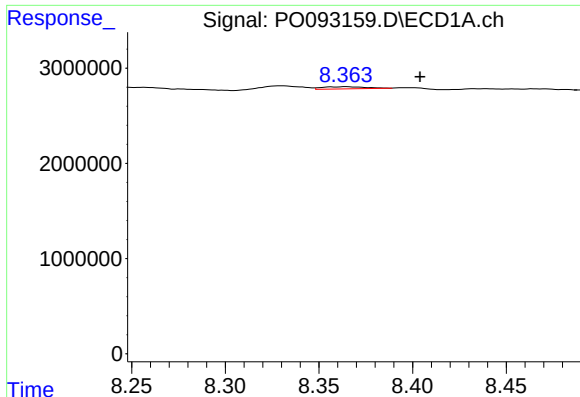
#36 AR-1262-1

R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 4801860
Conc: 48.31 ng/ml



#36 AR-1262-1

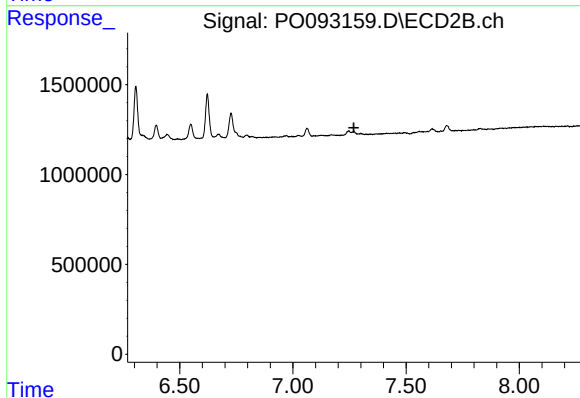
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 1984156
Conc: 53.10 ng/ml



#37 AR-1262-2

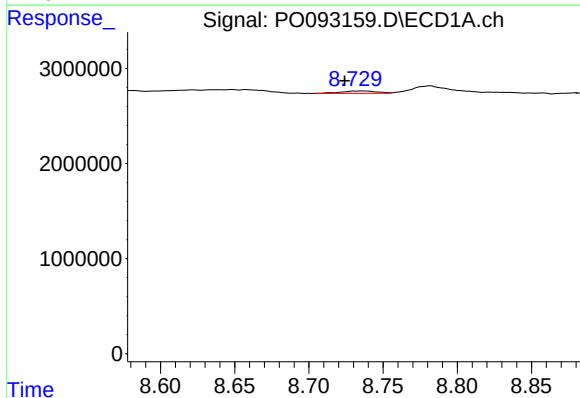
R.T.: 8.365 min
Delta R.T.: -0.039 min
Response: 358979
Conc: 1.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



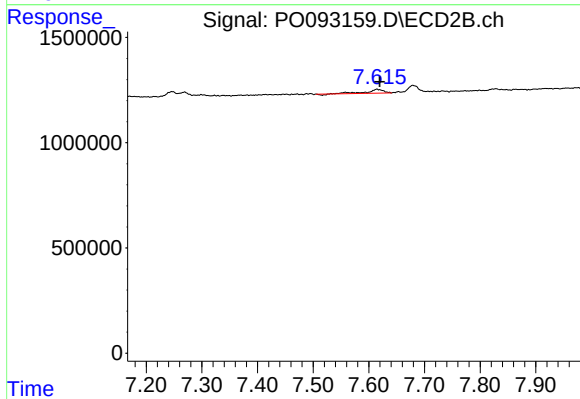
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



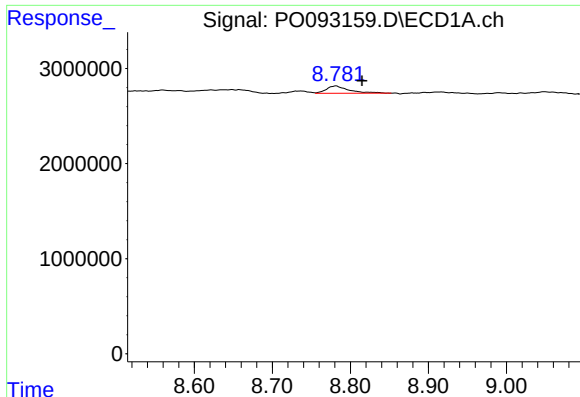
#38 AR-1262-3

R.T.: 8.738 min
Delta R.T.: 0.014 min
Response: 423873
Conc: 2.51 ng/ml



#38 AR-1262-3

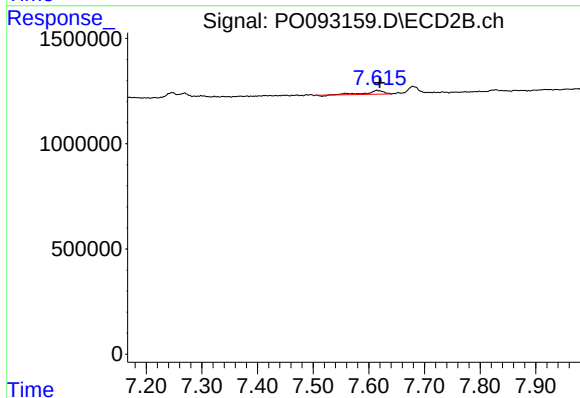
R.T.: 7.614 min
Delta R.T.: -0.005 min
Response: 375306
Conc: 4.15 ng/ml



#39 AR-1262-4

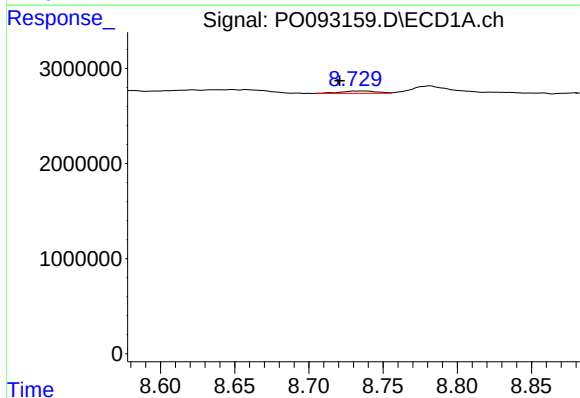
R.T.: 8.782 min
Delta R.T.: -0.033 min
Response: 1572219
Conc: 17.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



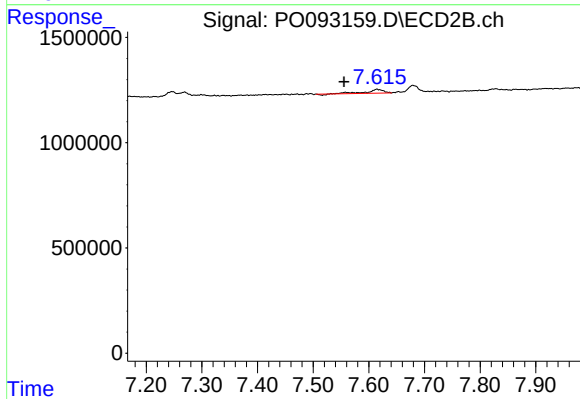
#39 AR-1262-4

R.T.: 7.614 min
Delta R.T.: -0.005 min
Response: 375306
Conc: 4.15 ng/ml



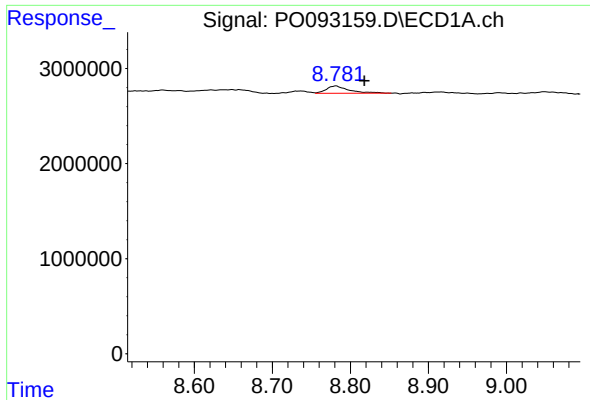
#41 AR-1268-1

R.T.: 8.738 min
Delta R.T.: 0.017 min
Response: 423873
Conc: 1.33 ng/ml



#41 AR-1268-1

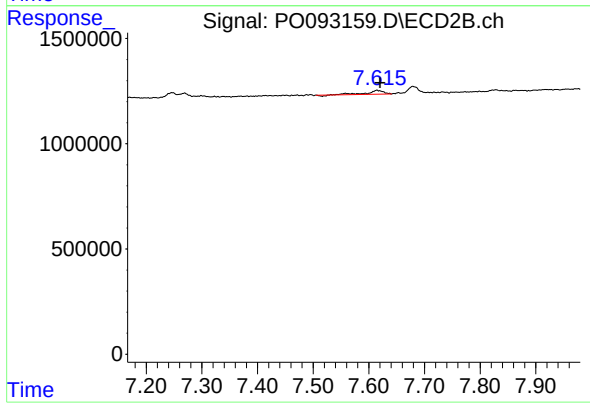
R.T.: 7.614 min
Delta R.T.: 0.059 min
Response: 375306
Conc: 2.40 ng/ml



#42 AR-1268-2

R.T.: 8.782 min
Delta R.T.: -0.036 min
Response: 1572219
Conc: 5.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#42 AR-1268-2

R.T.: 7.614 min
Delta R.T.: -0.006 min
Response: 375306
Conc: 2.69 ng/ml