

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110922\
 Data File : PR057998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2022 01:46
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 05:54:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 10 05:50:38 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.694	2.918	94966929	63266755	51.226	50.766
2)	SA Decachlor...	9.664	8.169	111.4E6	142.9E6	48.877	49.557
Target Compounds							
3)	L1 AR-1016-1	4.926	4.033	35984183	17932342	498.399	502.258
4)	L1 AR-1016-2	4.949	4.052	49079148	29834461	499.454	503.026
5)	L1 AR-1016-3	5.013	4.229	31424076	17242454	500.213	509.215
6)	L1 AR-1016-4	5.117	4.281	26001082	9409233	497.588	514.417
7)	L1 AR-1016-5	5.436	4.497	26589262	14308057	495.998	510.420
8)	L2 AR-1221-1	3.912	3.143	3842850	1896529	160.984	134.139
9)	L2 AR-1221-2	4.006	3.228	5352609	2996569	291.285	259.221
10)	L2 AR-1221-3	4.085	3.305	18544574	11498222	342.191	339.684
11)	L3 AR-1232-1	4.085	3.305	18544574	11498222	451.395	447.958
12)	L3 AR-1232-2	4.639	4.052	25572182	29834461	1050.456	1119.082
13)	L3 AR-1232-3	4.949	4.229	49079148	17242454	1121.608	1131.569
14)	L3 AR-1232-4	5.117	4.322	26001082	12299419	1073.578	1265.847
15)	L3 AR-1232-5	5.222	4.497	21034497	14308057	1192.920	1177.701
16)	L4 AR-1242-1	4.926	4.033	35984183	17932342	631.891	628.411
17)	L4 AR-1242-2	4.949	4.052	49079148	29834461	631.906	651.741
18)	L4 AR-1242-3	5.013	4.229	31424076	17242454	631.582	650.833
19)	L4 AR-1242-4	5.117	4.322	26001082	12299419	638.035	634.537
20)	L4 AR-1242-5	5.912	4.866	4713472	11213860	97.027	387.235 #
21)	L5 AR-1248-1	4.926	4.033	35984183	17932342	811.138	822.662
22)	L5 AR-1248-2	5.222	4.281	21034497	9409233	359.842	370.722
23)	L5 AR-1248-3	5.436	4.322	26589262	12299419	378.734	450.557
24)	L5 AR-1248-4	5.872	4.497	5238556	14308057	63.999	387.463 #
25)	L5 AR-1248-5	5.912	4.908	4713472	2652323	58.880	58.668
26)	L6 AR-1254-1	5.843	4.866	22010837	11213860	257.605	200.337
27)	L6 AR-1254-2	6.083	5.025	23960243	10264562	175.637	208.176
28)	L6 AR-1254-3	6.476	5.447	13755466	7084109	92.764	72.281
29)	L6 AR-1254-4	6.789	5.692	9105842	3405027	77.630	53.293 #
30)	L6 AR-1254-5	7.248	6.135	85087004	55314946	640.737	552.639
31)	L7 AR-1260-1	6.658	5.586	56955547	28577578	488.137	504.268
32)	L7 AR-1260-2	6.942	5.790	69723470	37447756	483.260	498.785
33)	L7 AR-1260-3	7.335	5.948	47535181	38748168	497.629	455.625
34)	L7 AR-1260-4	7.580	6.454	57647701	30990316	485.111	504.295
35)	L7 AR-1260-5	7.919	6.719	108.3E6	104.8E6	495.799	507.913
36)	L8 AR-1262-1	7.335	6.180	47535181	31111309	321.955	326.131
37)	L8 AR-1262-2	7.919	6.454	108.3E6	30990316	408.603	352.263
38)	L8 AR-1262-3	8.238	7.024	71834004	23663708	393.171	209.536 #
39)	L8 AR-1262-4	8.317	7.091	17081727	82226087	201.277	384.570 #
40)	L8 AR-1262-5	8.952	7.629	29239991	34476687	294.068	278.269
41)	L9 AR-1268-1	8.238	7.024	71834004	23663708	225.308	69.556 #

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

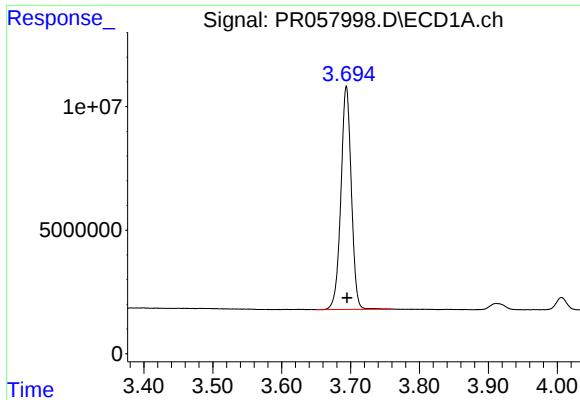
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 05:54:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110922.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	8.317	7.091	17081727	82226087	59.048	217.044 #
43) L9	AR-1268-3	8.542	7.316	2495275	2462078	10.259	7.250 #
44) L9	AR-1268-4	8.952	7.629	29239991	34476687	260.455	248.282
45) L9	AR-1268-5	9.345	7.925	9732757	11894434	12.093	9.650

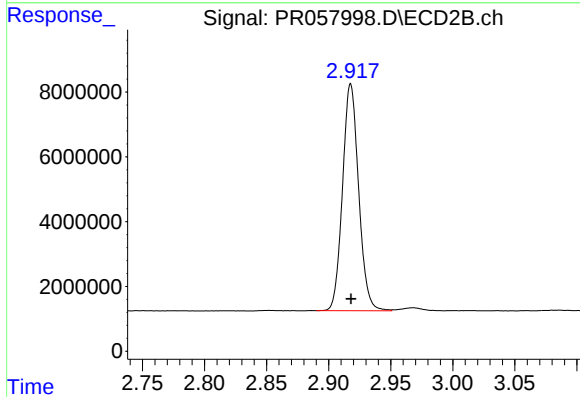
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

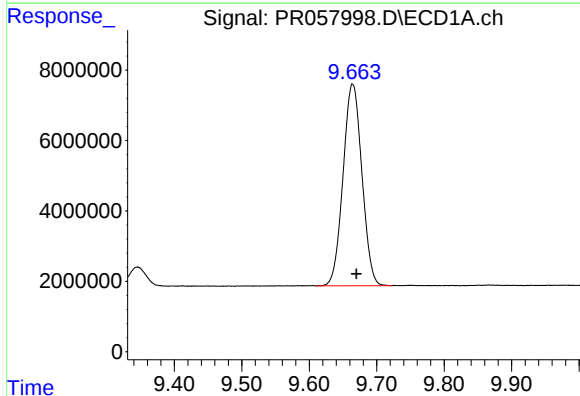
R.T.: 3.694 min
Delta R.T.: -0.001 min
Response: 94966929
Conc: 51.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



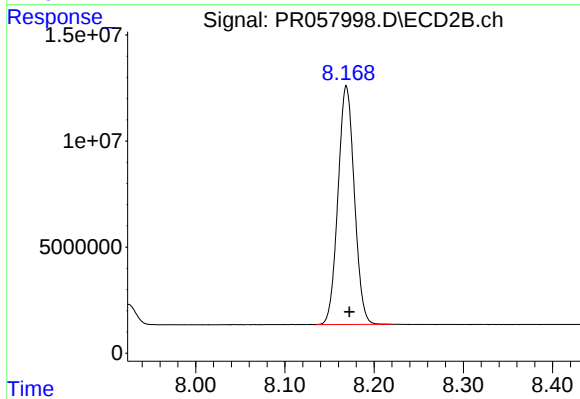
#1 Tetrachloro-m-xylene

R.T.: 2.918 min
Delta R.T.: 0.000 min
Response: 63266755
Conc: 50.77 ng/ml



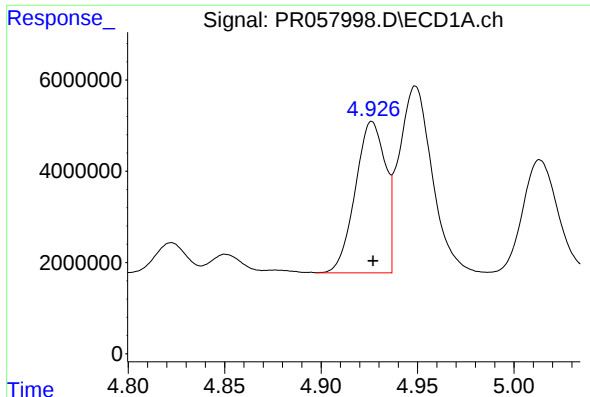
#2 Decachlorobiphenyl

R.T.: 9.664 min
Delta R.T.: -0.006 min
Response: 111385638
Conc: 48.88 ng/ml



#2 Decachlorobiphenyl

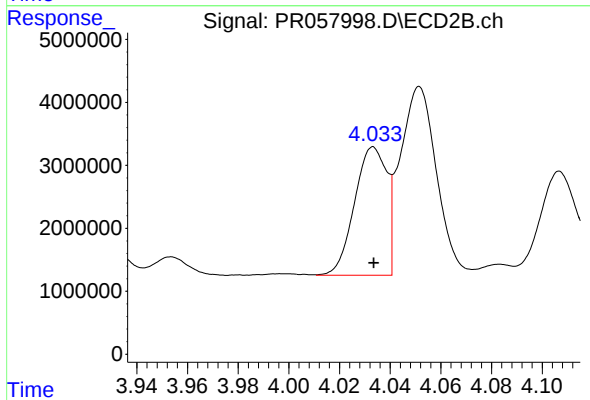
R.T.: 8.169 min
Delta R.T.: -0.003 min
Response: 142883519
Conc: 49.56 ng/ml



#3 AR-1016-1

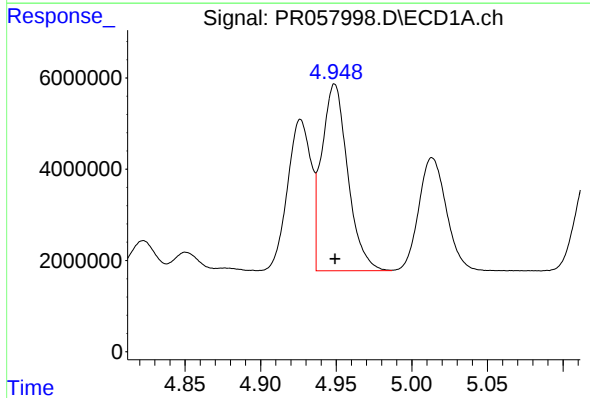
R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 35984183
Conc: 498.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



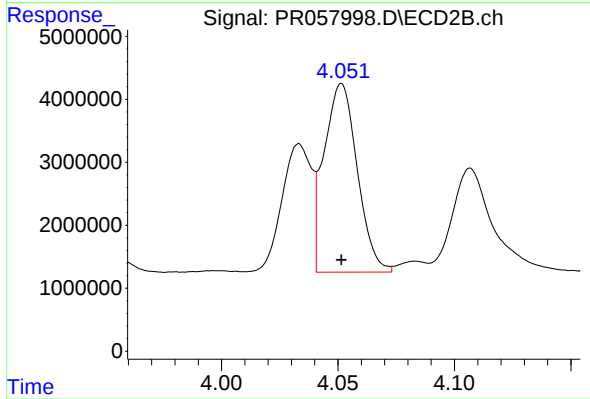
#3 AR-1016-1

R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 17932342
Conc: 502.26 ng/ml



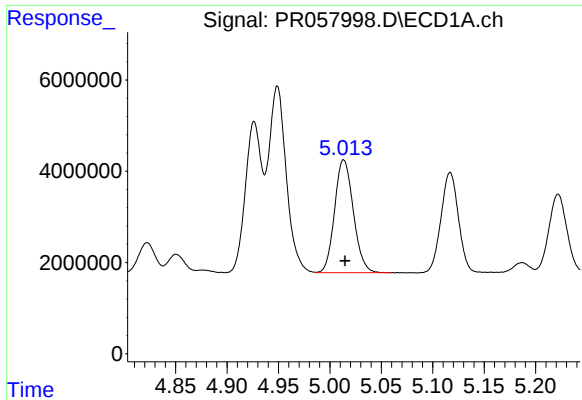
#4 AR-1016-2

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 49079148
Conc: 499.45 ng/ml



#4 AR-1016-2

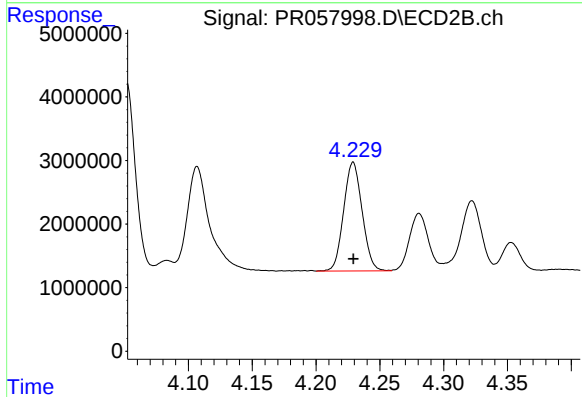
R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 29834461
Conc: 503.03 ng/ml



#5 AR-1016-3

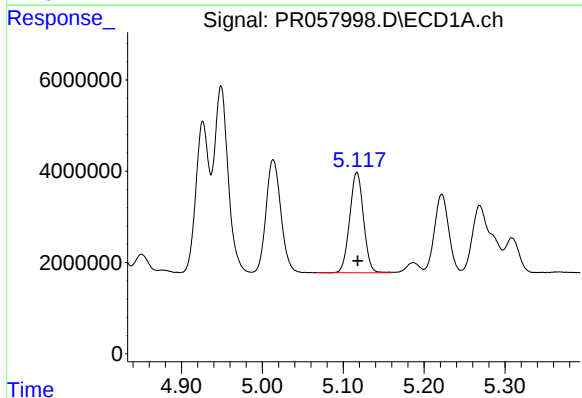
R.T.: 5.013 min
Delta R.T.: -0.001 min
Response: 31424076
Conc: 500.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



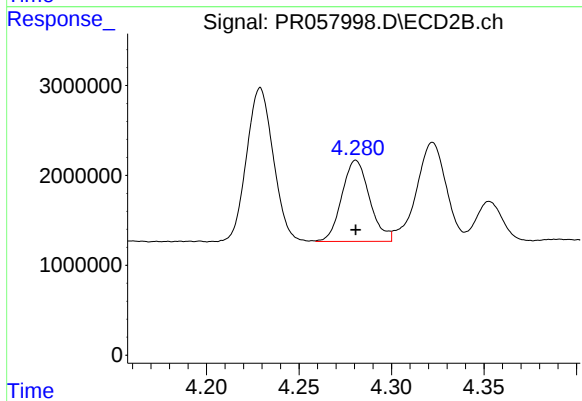
#5 AR-1016-3

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 17242454
Conc: 509.22 ng/ml



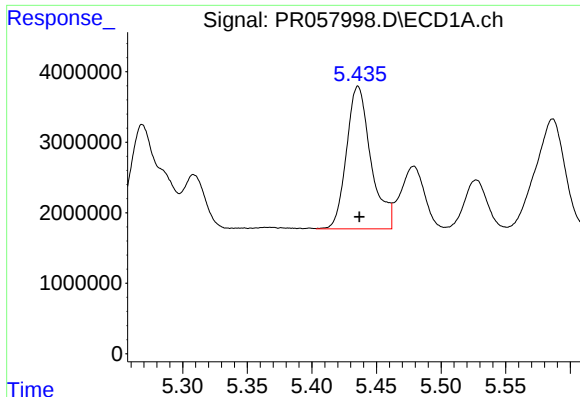
#6 AR-1016-4

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 26001082
Conc: 497.59 ng/ml



#6 AR-1016-4

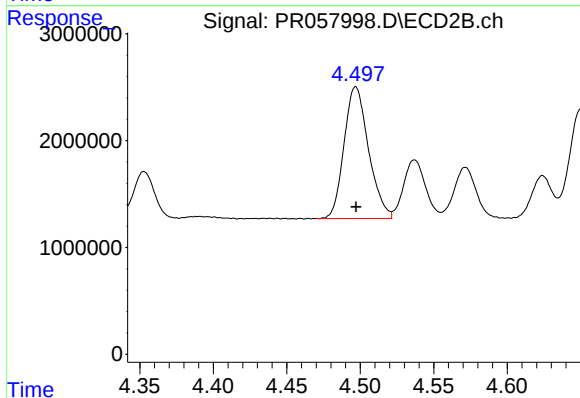
R.T.: 4.281 min
Delta R.T.: 0.000 min
Response: 9409233
Conc: 514.42 ng/ml



#7 AR-1016-5

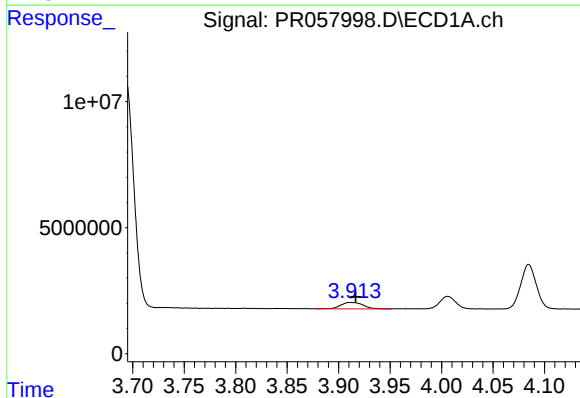
R.T.: 5.436 min
Delta R.T.: -0.001 min
Response: 26589262
Conc: 496.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



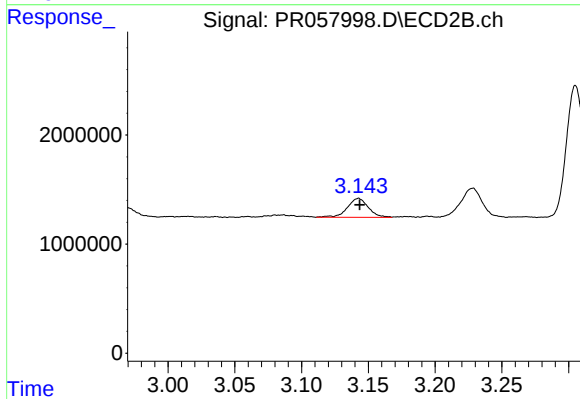
#7 AR-1016-5

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 14308057
Conc: 510.42 ng/ml



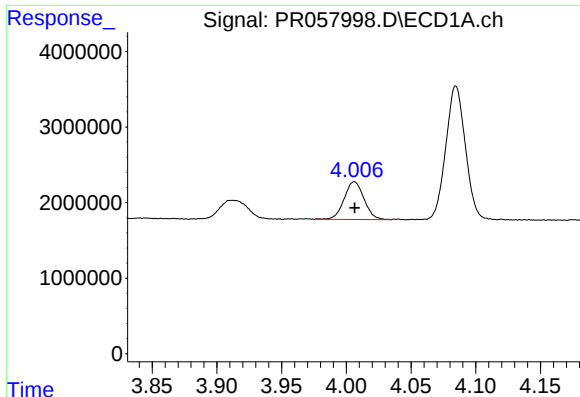
#8 AR-1221-1

R.T.: 3.912 min
Delta R.T.: -0.005 min
Response: 3842850
Conc: 160.98 ng/ml



#8 AR-1221-1

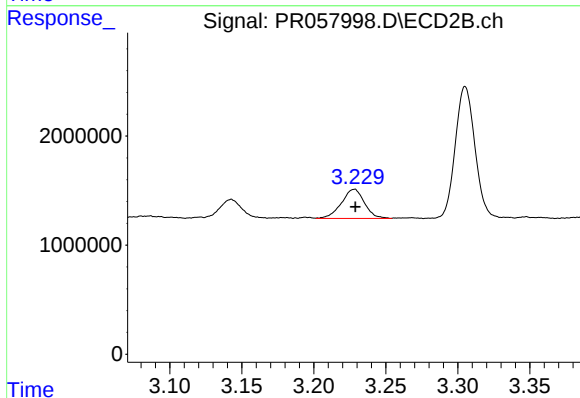
R.T.: 3.143 min
Delta R.T.: 0.000 min
Response: 1896529
Conc: 134.14 ng/ml



#9 AR-1221-2

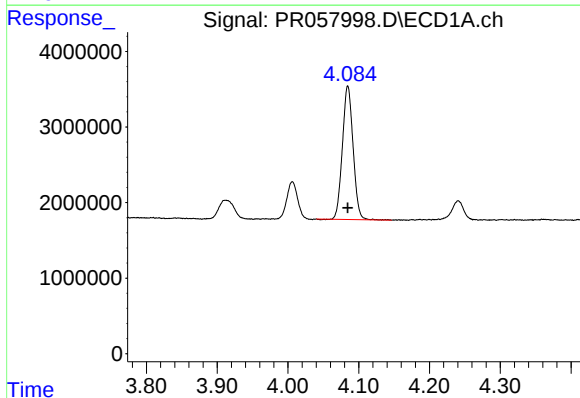
R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 5352609
Conc: 291.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



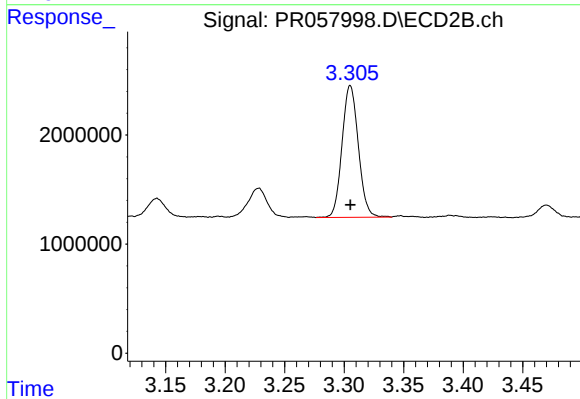
#9 AR-1221-2

R.T.: 3.228 min
Delta R.T.: 0.000 min
Response: 2996569
Conc: 259.22 ng/ml



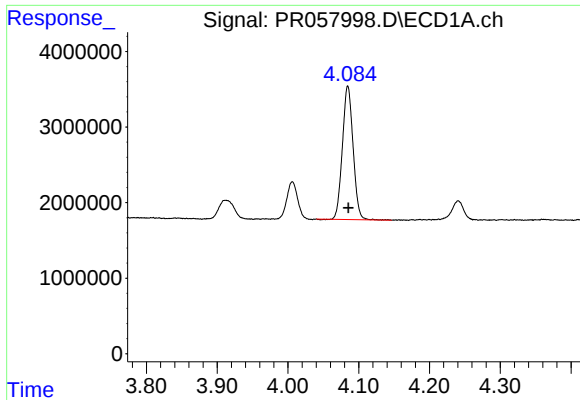
#10 AR-1221-3

R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 18544574
Conc: 342.19 ng/ml



#10 AR-1221-3

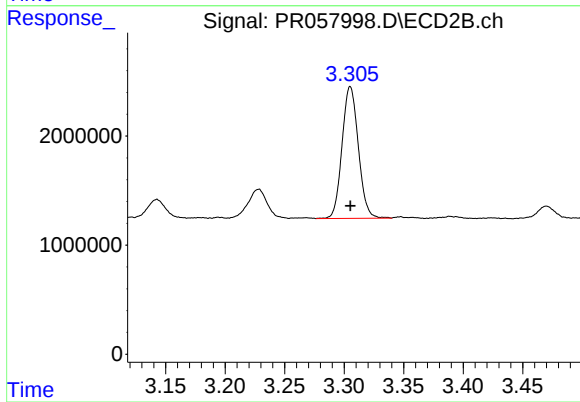
R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 11498222
Conc: 339.68 ng/ml



#11 AR-1232-1

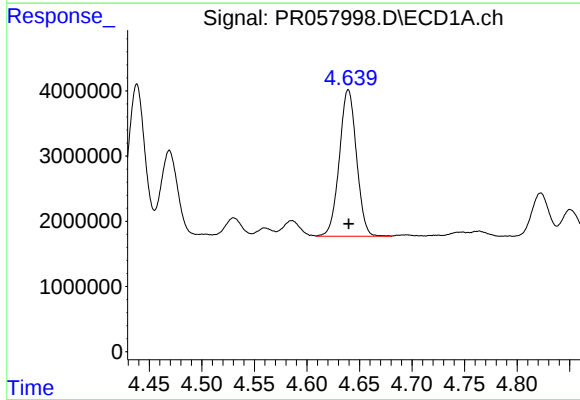
R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 18544574
Conc: 451.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



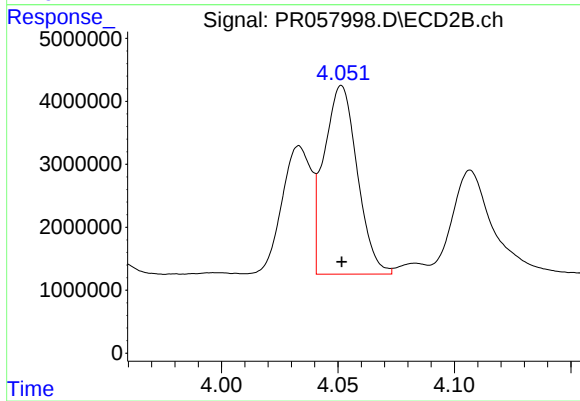
#11 AR-1232-1

R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 11498222
Conc: 447.96 ng/ml



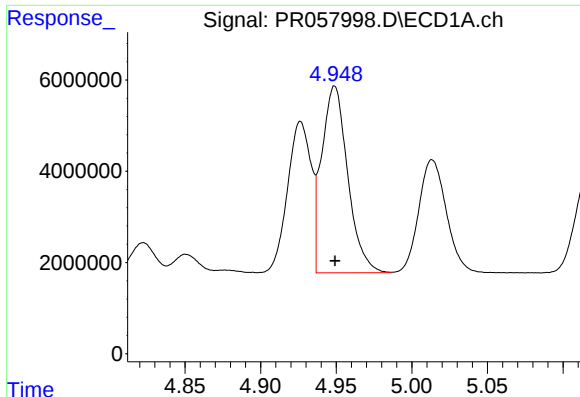
#12 AR-1232-2

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 25572182
Conc: 1050.46 ng/ml



#12 AR-1232-2

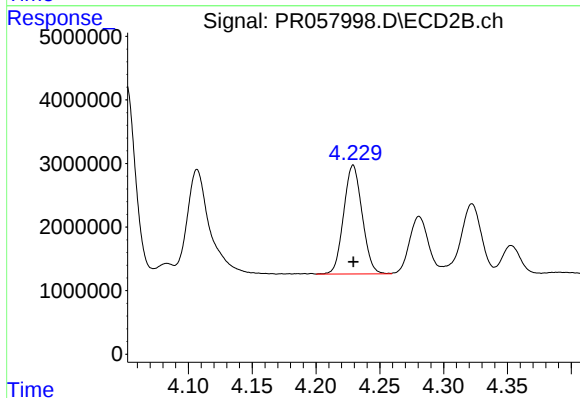
R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 29834461
Conc: 1119.08 ng/ml



#13 AR-1232-3

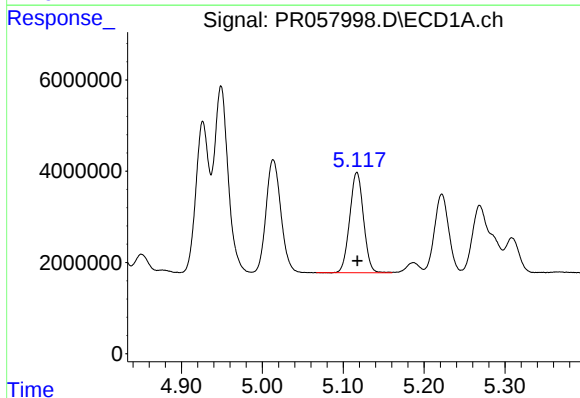
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 49079148
Conc: 1121.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



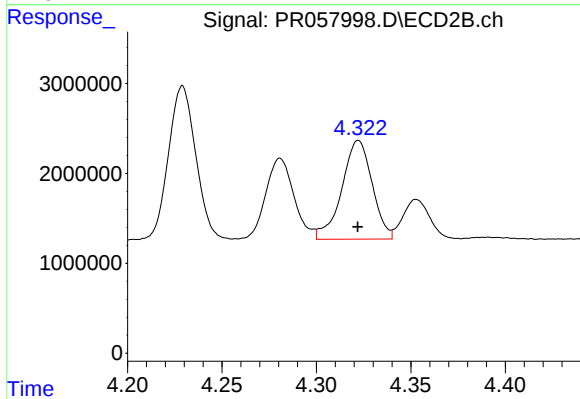
#13 AR-1232-3

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 17242454
Conc: 1131.57 ng/ml



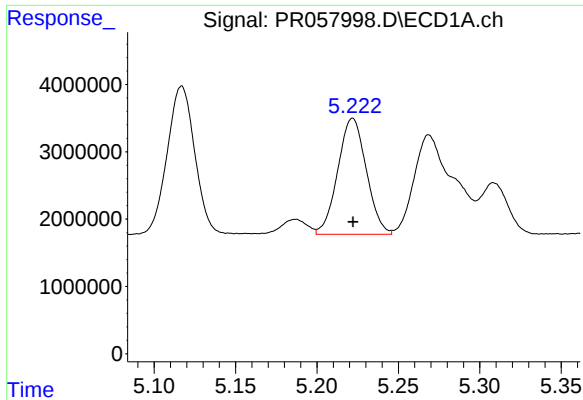
#14 AR-1232-4

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 26001082
Conc: 1073.58 ng/ml



#14 AR-1232-4

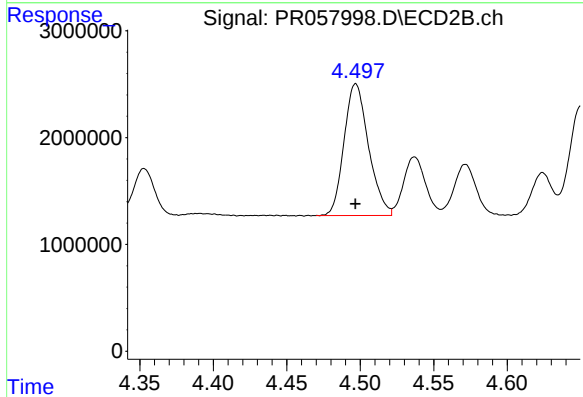
R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 12299419
Conc: 1265.85 ng/ml



#15 AR-1232-5

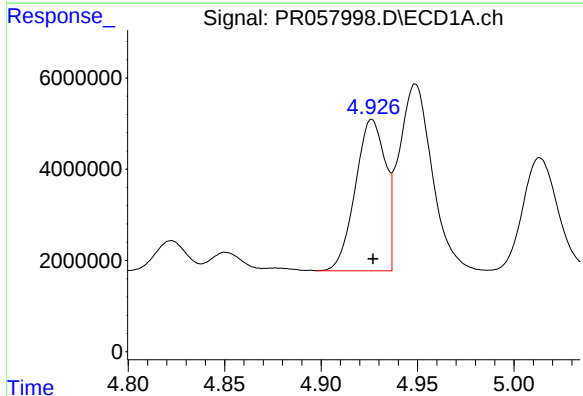
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 21034497
Conc: 1192.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



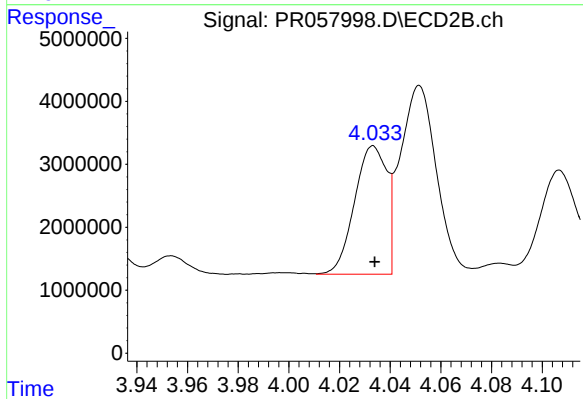
#15 AR-1232-5

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 14308057
Conc: 1177.70 ng/ml



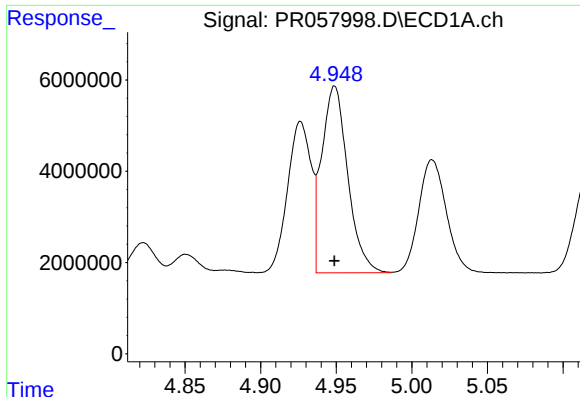
#16 AR-1242-1

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 35984183
Conc: 631.89 ng/ml



#16 AR-1242-1

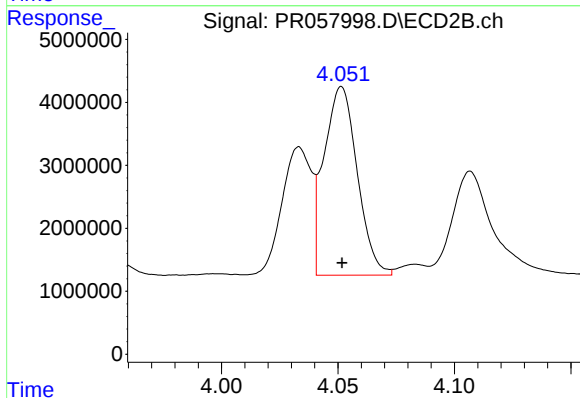
R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 17932342
Conc: 628.41 ng/ml



#17 AR-1242-2

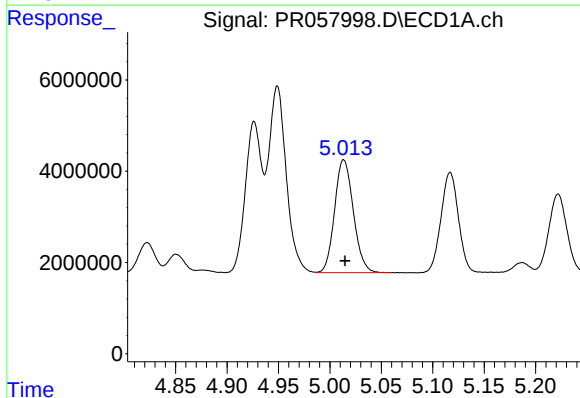
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 49079148
Conc: 631.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



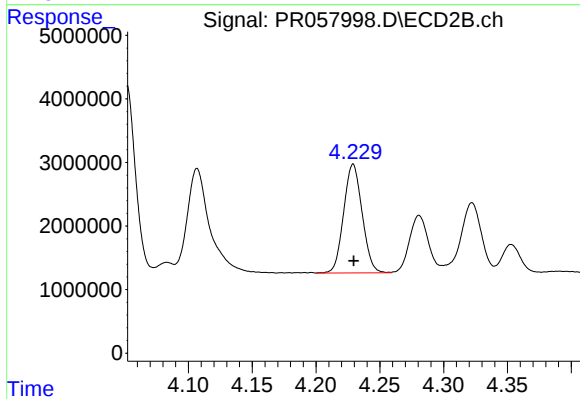
#17 AR-1242-2

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 29834461
Conc: 651.74 ng/ml



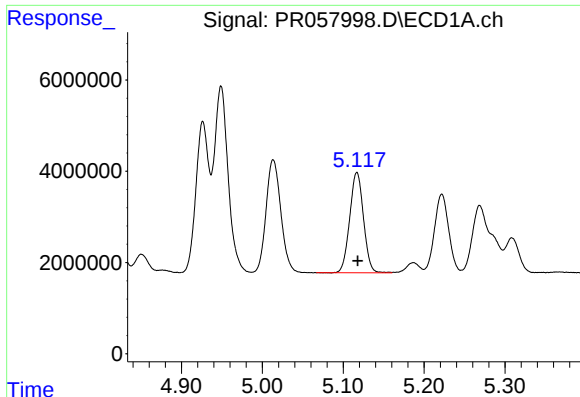
#18 AR-1242-3

R.T.: 5.013 min
Delta R.T.: -0.001 min
Response: 31424076
Conc: 631.58 ng/ml



#18 AR-1242-3

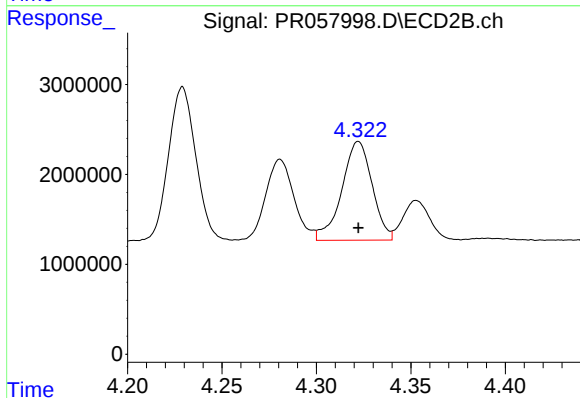
R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 17242454
Conc: 650.83 ng/ml



#19 AR-1242-4

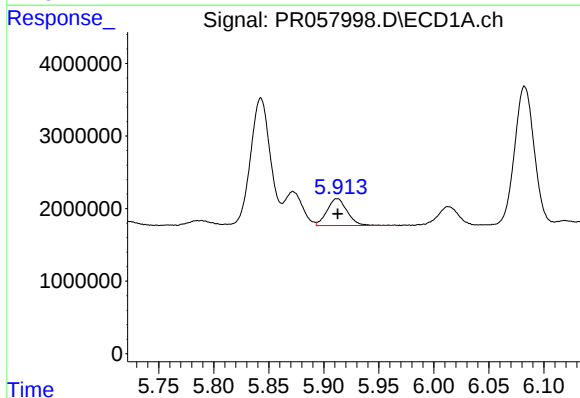
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 26001082
Conc: 638.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



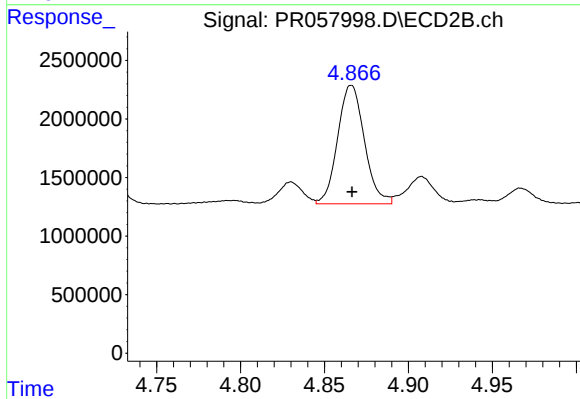
#19 AR-1242-4

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 12299419
Conc: 634.54 ng/ml



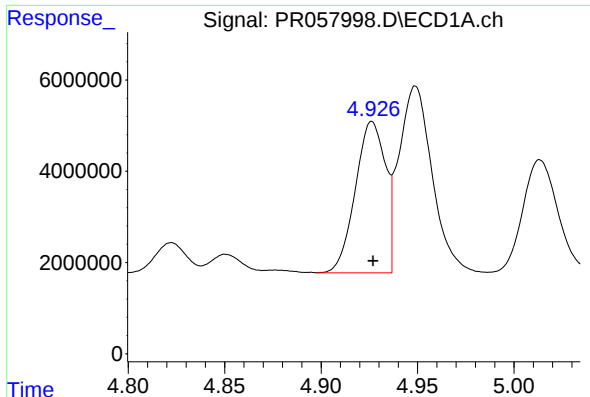
#20 AR-1242-5

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 4713472
Conc: 97.03 ng/ml



#20 AR-1242-5

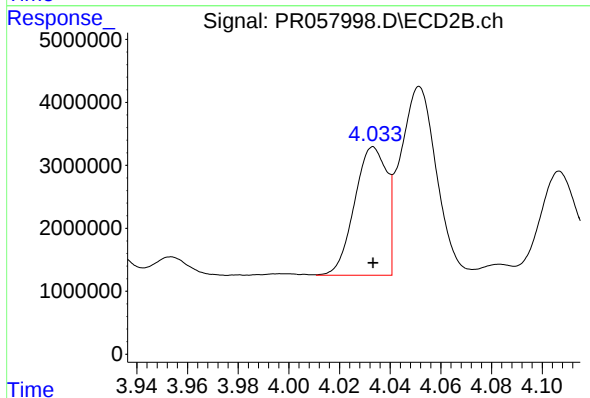
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 11213860
Conc: 387.23 ng/ml



#21 AR-1248-1

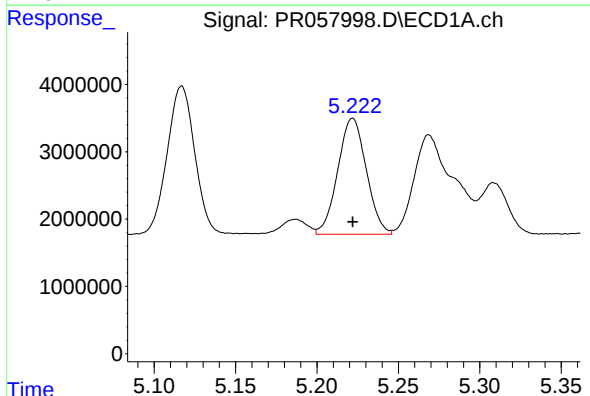
R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 35984183
Conc: 811.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



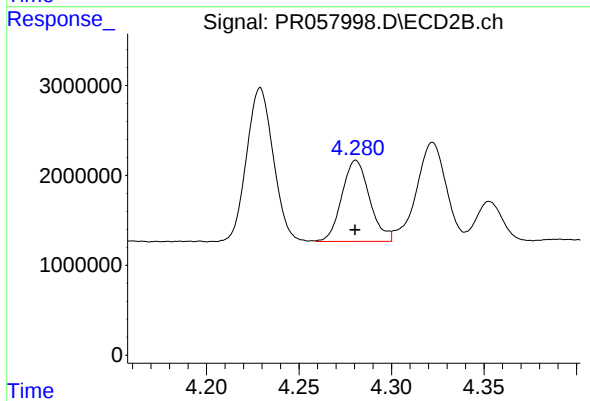
#21 AR-1248-1

R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 17932342
Conc: 822.66 ng/ml



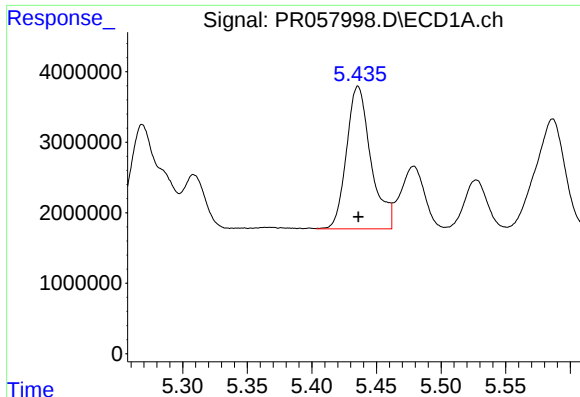
#22 AR-1248-2

R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 21034497
Conc: 359.84 ng/ml



#22 AR-1248-2

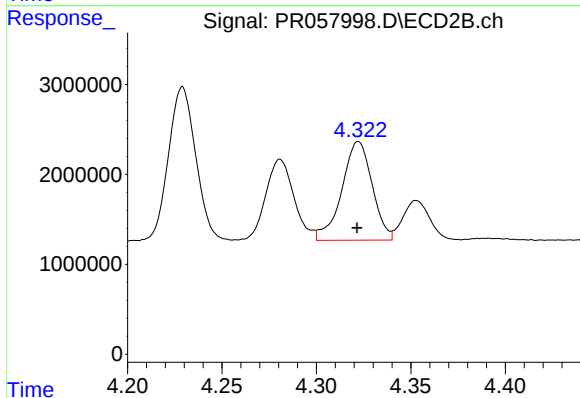
R.T.: 4.281 min
Delta R.T.: 0.000 min
Response: 9409233
Conc: 370.72 ng/ml



#23 AR-1248-3

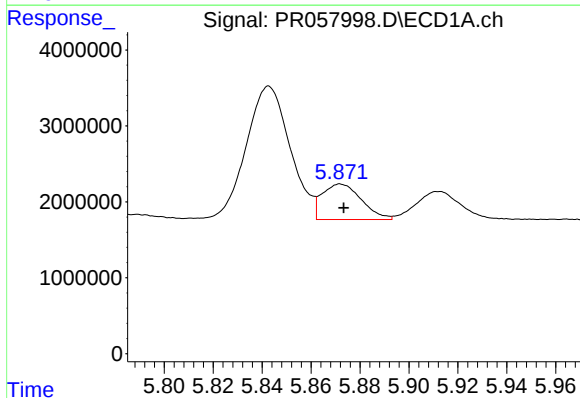
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 26589262
Conc: 378.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



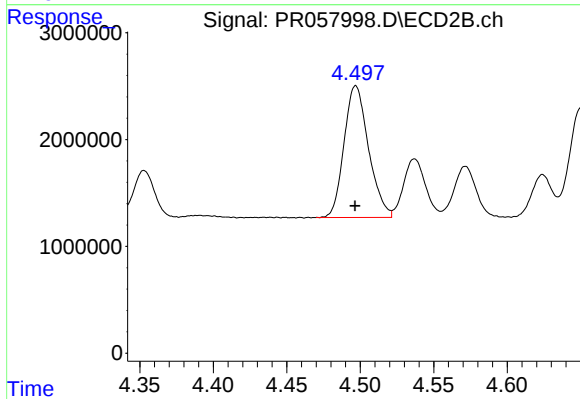
#23 AR-1248-3

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 12299419
Conc: 450.56 ng/ml



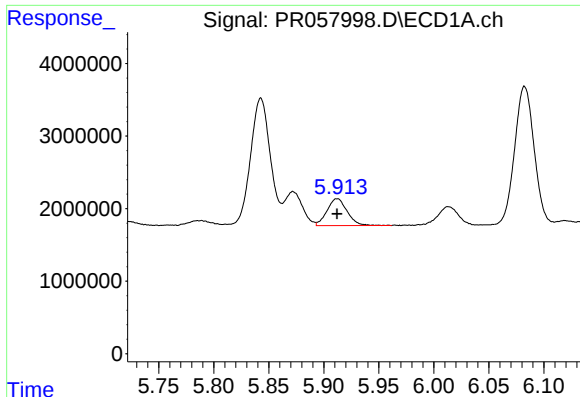
#24 AR-1248-4

R.T.: 5.872 min
Delta R.T.: -0.001 min
Response: 5238556
Conc: 64.00 ng/ml



#24 AR-1248-4

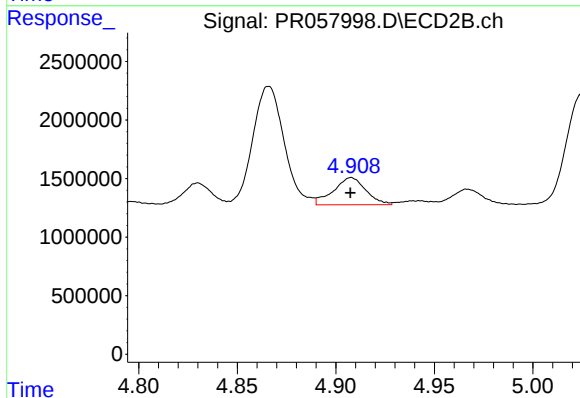
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 14308057
Conc: 387.46 ng/ml



#25 AR-1248-5

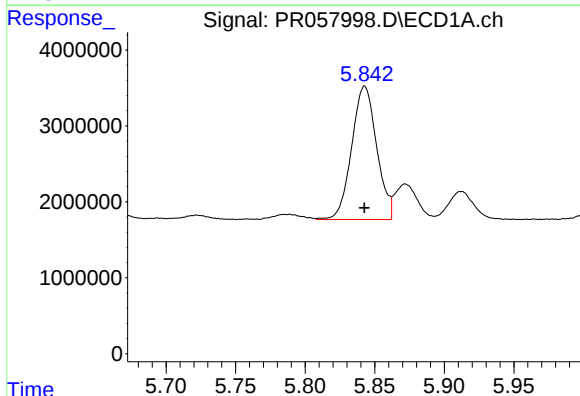
R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 4713472
Conc: 58.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



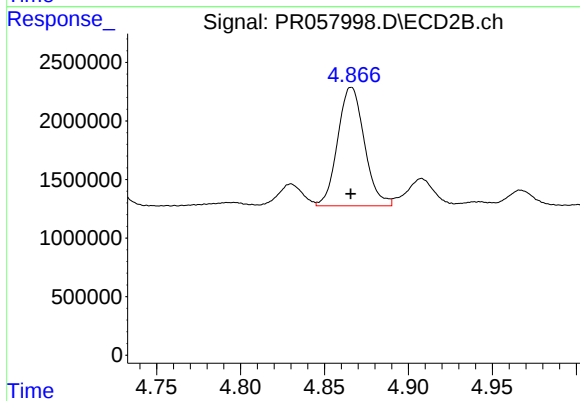
#25 AR-1248-5

R.T.: 4.908 min
Delta R.T.: 0.000 min
Response: 2652323
Conc: 58.67 ng/ml



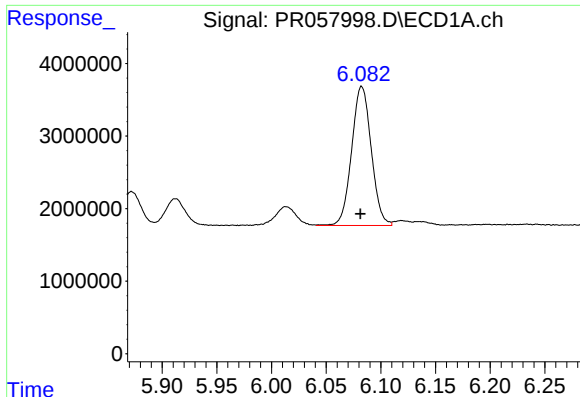
#26 AR-1254-1

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 22010837
Conc: 257.60 ng/ml



#26 AR-1254-1

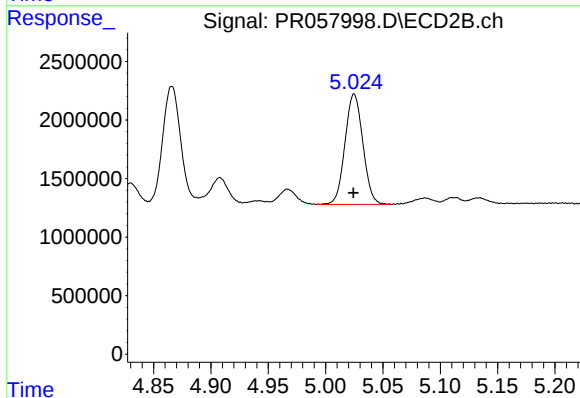
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 11213860
Conc: 200.34 ng/ml



#27 AR-1254-2

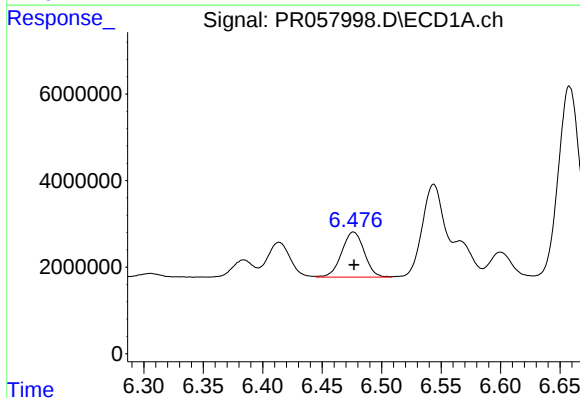
R.T.: 6.083 min
Delta R.T.: 0.001 min
Response: 23960243
Conc: 175.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



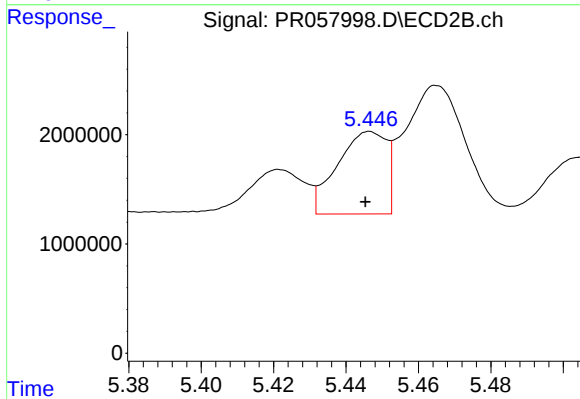
#27 AR-1254-2

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 10264562
Conc: 208.18 ng/ml



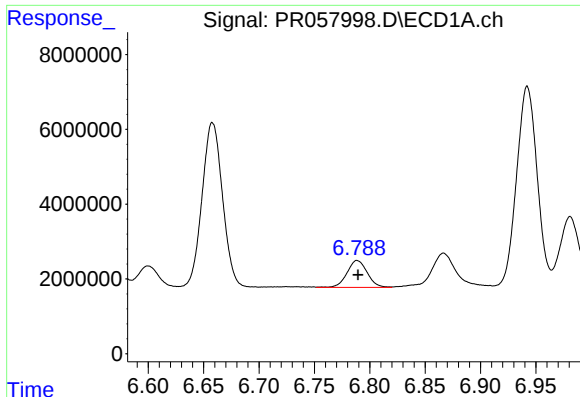
#28 AR-1254-3

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 13755466
Conc: 92.76 ng/ml



#28 AR-1254-3

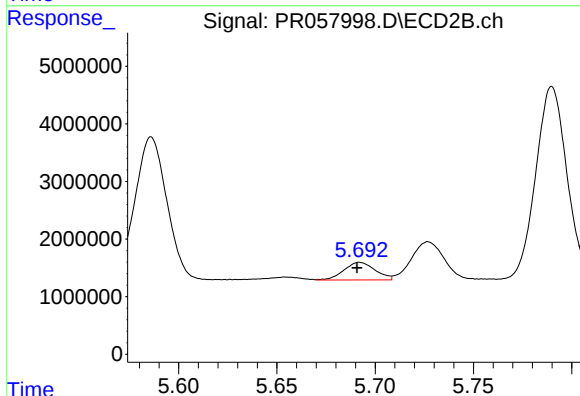
R.T.: 5.447 min
Delta R.T.: 0.001 min
Response: 7084109
Conc: 72.28 ng/ml



#29 AR-1254-4

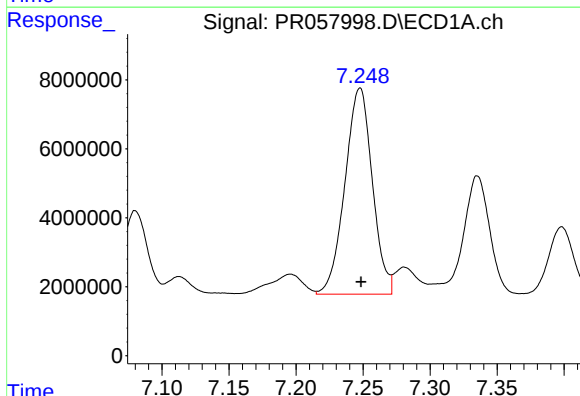
R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 9105842
Conc: 77.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



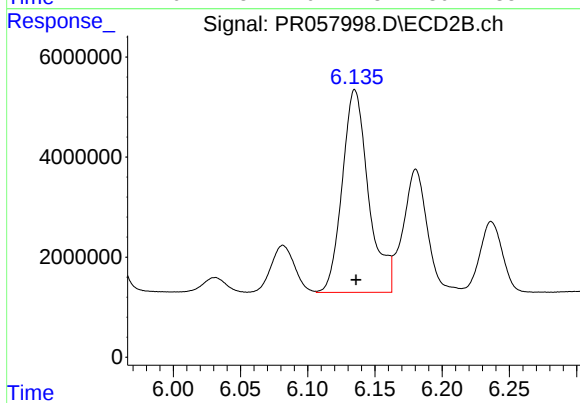
#29 AR-1254-4

R.T.: 5.692 min
Delta R.T.: 0.001 min
Response: 3405027
Conc: 53.29 ng/ml



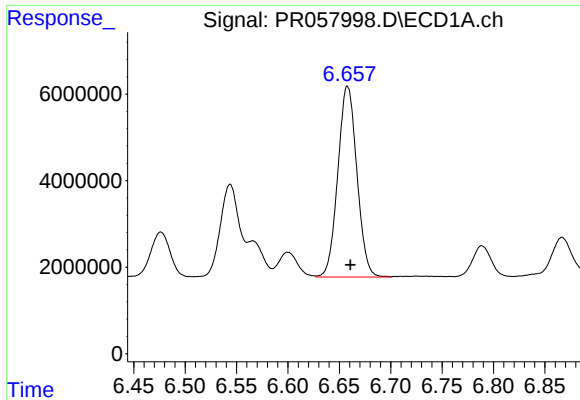
#30 AR-1254-5

R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 85087004
Conc: 640.74 ng/ml



#30 AR-1254-5

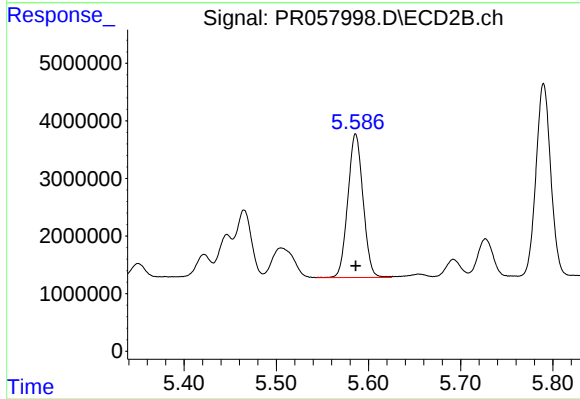
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 55314946
Conc: 552.64 ng/ml



#31 AR-1260-1

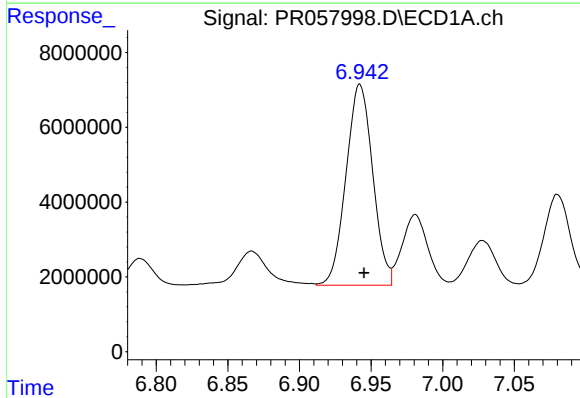
R.T.: 6.658 min
Delta R.T.: -0.003 min
Response: 56955547
Conc: 488.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



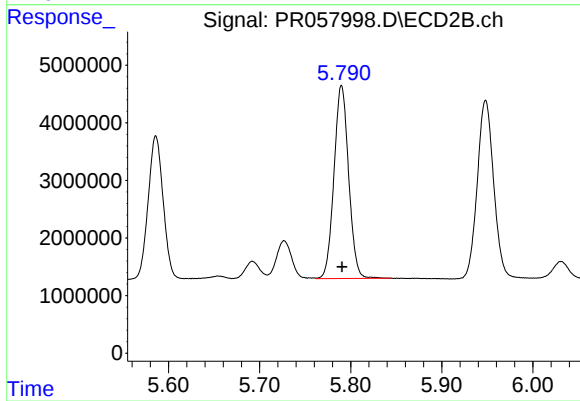
#31 AR-1260-1

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 28577578
Conc: 504.27 ng/ml



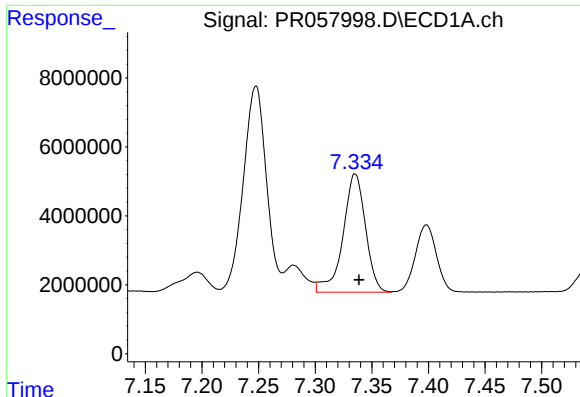
#32 AR-1260-2

R.T.: 6.942 min
Delta R.T.: -0.003 min
Response: 69723470
Conc: 483.26 ng/ml



#32 AR-1260-2

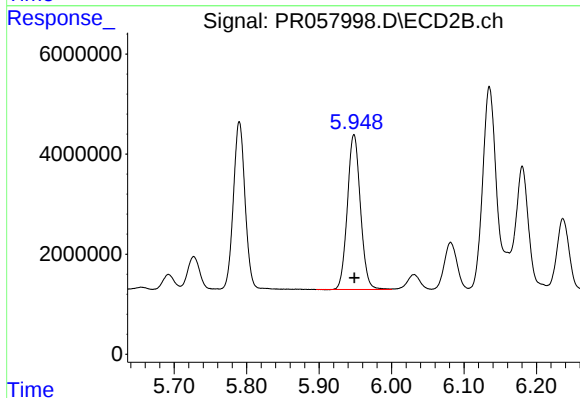
R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 37447756
Conc: 498.79 ng/ml



#33 AR-1260-3

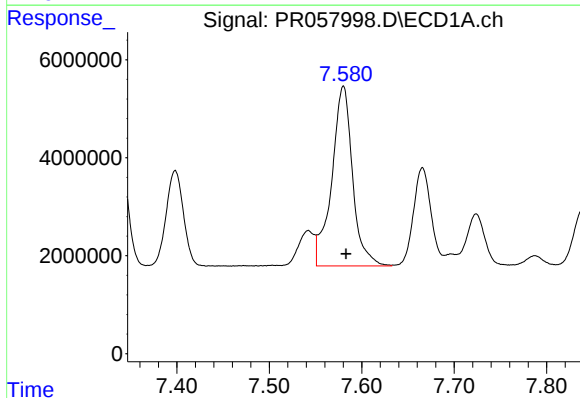
R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 47535181
Conc: 497.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



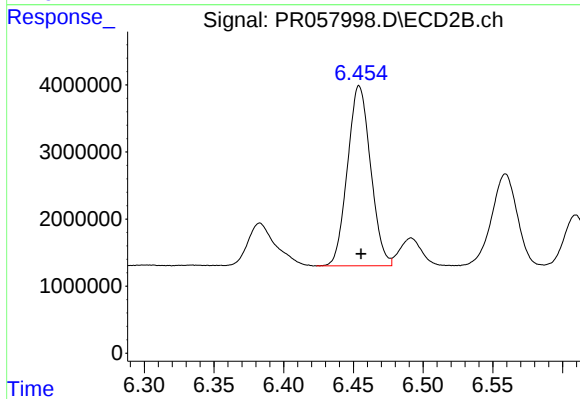
#33 AR-1260-3

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 38748168
Conc: 455.62 ng/ml



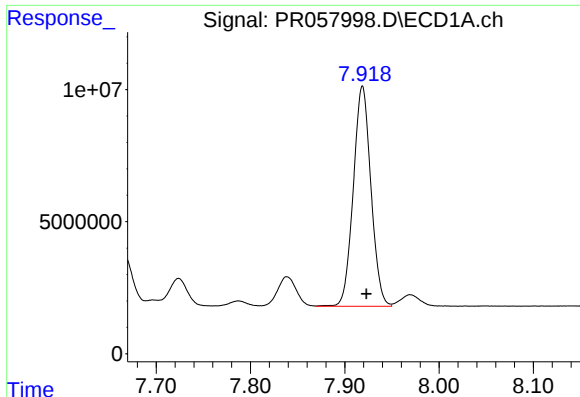
#34 AR-1260-4

R.T.: 7.580 min
Delta R.T.: -0.003 min
Response: 57647701
Conc: 485.11 ng/ml



#34 AR-1260-4

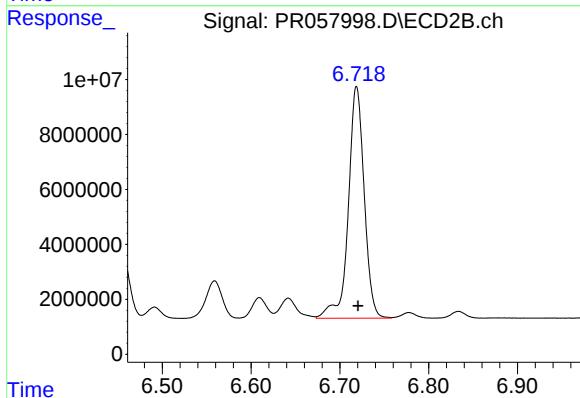
R.T.: 6.454 min
Delta R.T.: -0.001 min
Response: 30990316
Conc: 504.30 ng/ml



#35 AR-1260-5

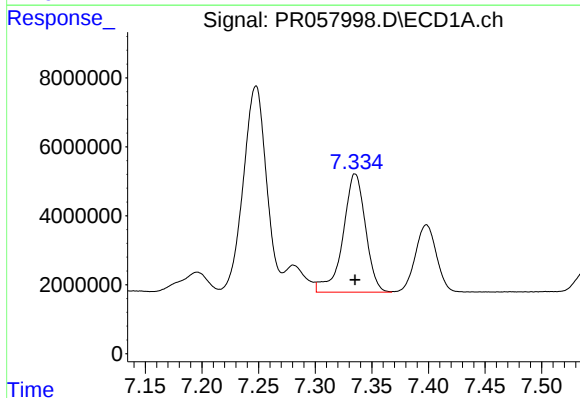
R.T.: 7.919 min
Delta R.T.: -0.004 min
Response: 108306690
Conc: 495.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



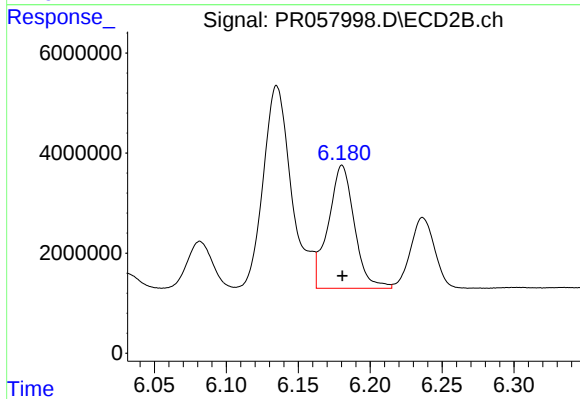
#35 AR-1260-5

R.T.: 6.719 min
Delta R.T.: -0.002 min
Response: 104791749
Conc: 507.91 ng/ml



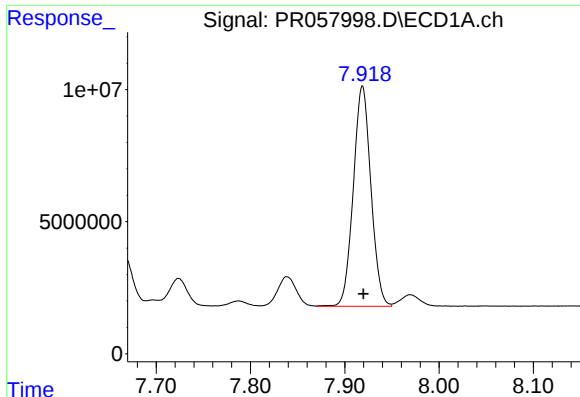
#36 AR-1262-1

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 47535181
Conc: 321.96 ng/ml



#36 AR-1262-1

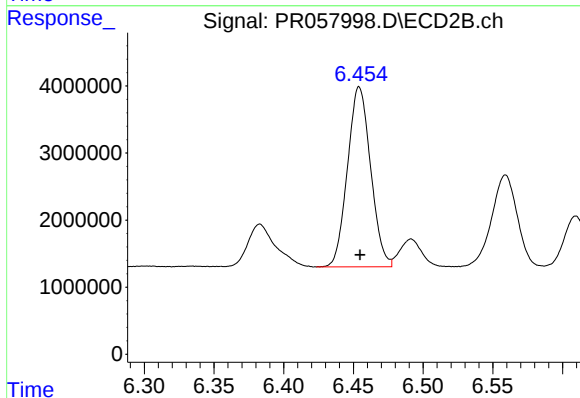
R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 31111309
Conc: 326.13 ng/ml



#37 AR-1262-2

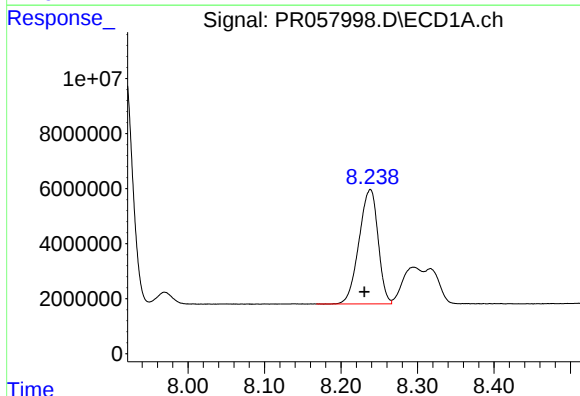
R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 108306690
Conc: 408.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



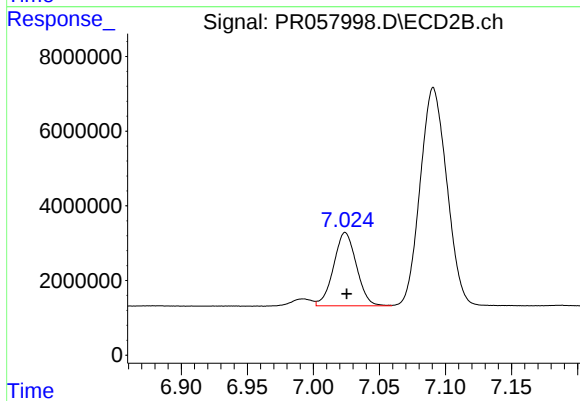
#37 AR-1262-2

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 30990316
Conc: 352.26 ng/ml



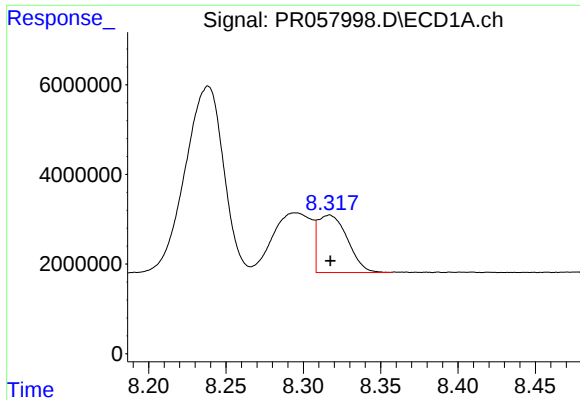
#38 AR-1262-3

R.T.: 8.238 min
Delta R.T.: 0.008 min
Response: 71834004
Conc: 393.17 ng/ml



#38 AR-1262-3

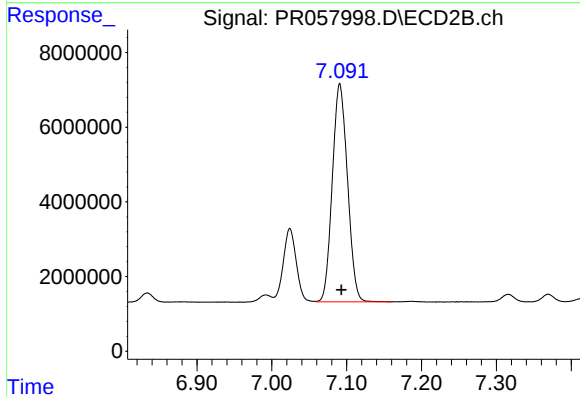
R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 23663708
Conc: 209.54 ng/ml



#39 AR-1262-4

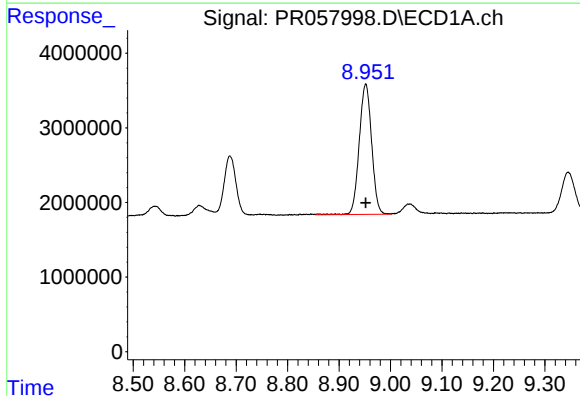
R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 17081727
Conc: 201.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



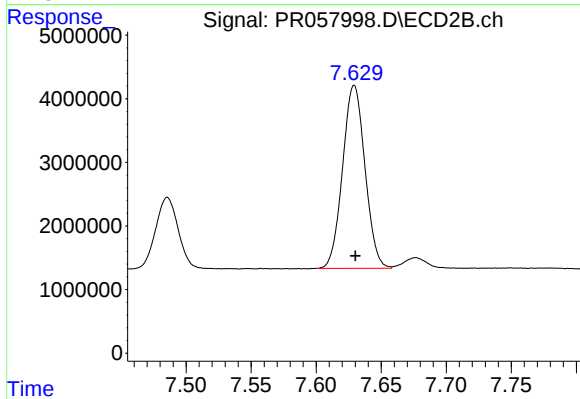
#39 AR-1262-4

R.T.: 7.091 min
Delta R.T.: -0.002 min
Response: 82226087
Conc: 384.57 ng/ml



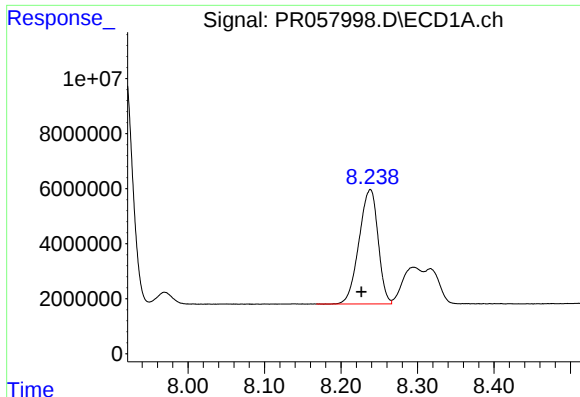
#40 AR-1262-5

R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 29239991
Conc: 294.07 ng/ml



#40 AR-1262-5

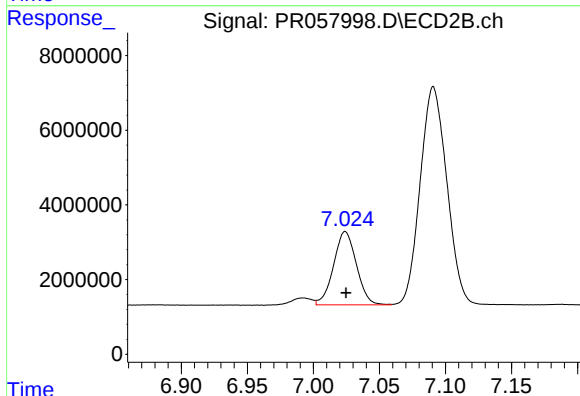
R.T.: 7.629 min
Delta R.T.: -0.001 min
Response: 34476687
Conc: 278.27 ng/ml



#41 AR-1268-1

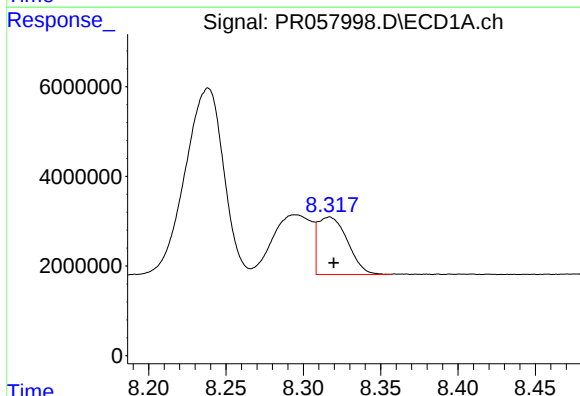
R.T.: 8.238 min
Delta R.T.: 0.012 min
Response: 71834004
Conc: 225.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



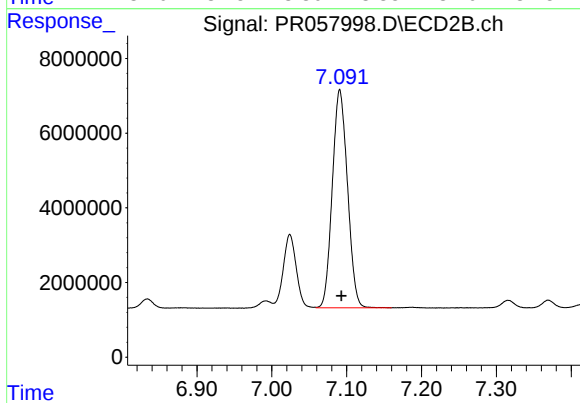
#41 AR-1268-1

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 23663708
Conc: 69.56 ng/ml



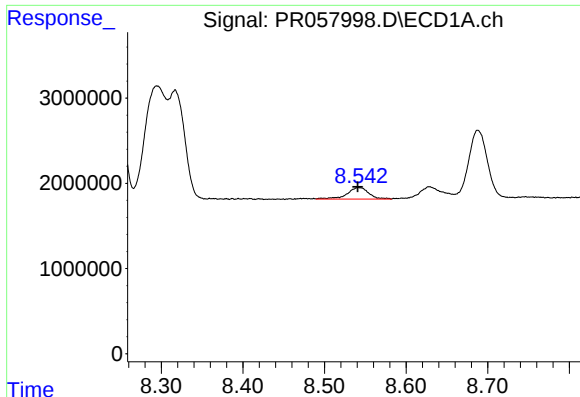
#42 AR-1268-2

R.T.: 8.317 min
Delta R.T.: -0.003 min
Response: 17081727
Conc: 59.05 ng/ml



#42 AR-1268-2

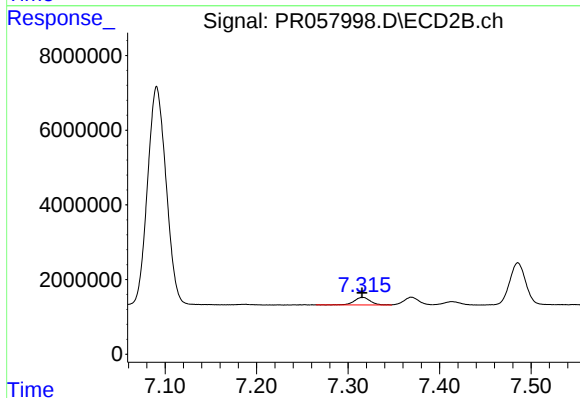
R.T.: 7.091 min
Delta R.T.: -0.002 min
Response: 82226087
Conc: 217.04 ng/ml



#43 AR-1268-3

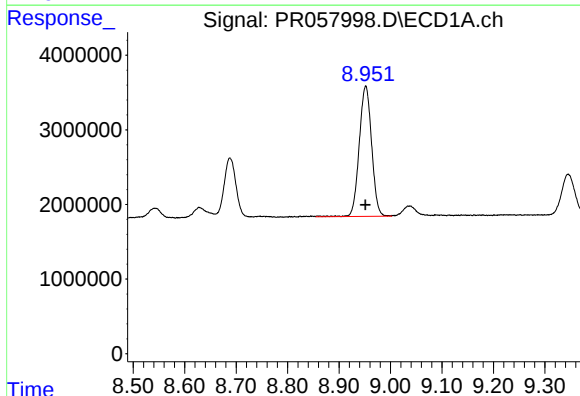
R.T.: 8.542 min
Delta R.T.: 0.002 min
Response: 2495275
Conc: 10.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



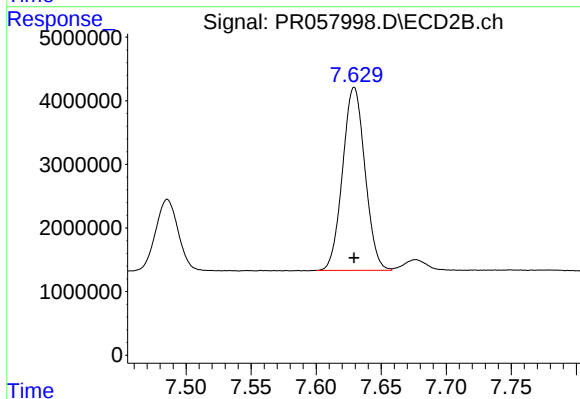
#43 AR-1268-3

R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 2462078
Conc: 7.25 ng/ml



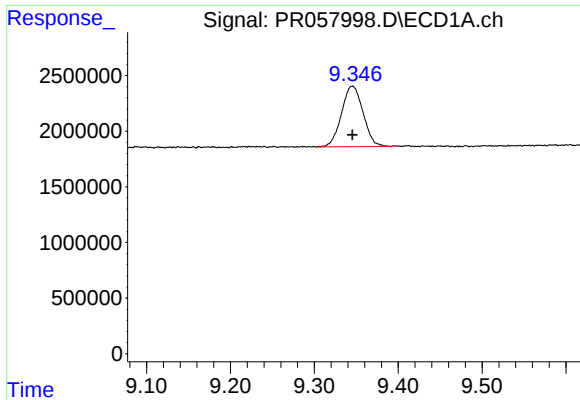
#44 AR-1268-4

R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 29239991
Conc: 260.45 ng/ml



#44 AR-1268-4

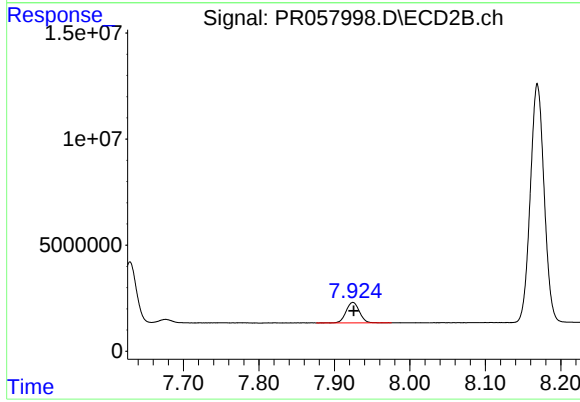
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 34476687
Conc: 248.28 ng/ml



#45 AR-1268-5

R.T.: 9.345 min
Delta R.T.: 0.000 min
Response: 9732757
Conc: 12.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 11894434
Conc: 9.65 ng/ml