

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR053119\
 Data File : PR038401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 10:45
 Operator : SM\MA
 Sample : K3090-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 04:55:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR053019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 30 14:26:18 2019
 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...	3.772	4.620	44623188	142.8E6	28.104	28.020
2)	SA Decachlor...	8.754	10.374	36263641	95203723	23.072	22.644
Target Compounds							
3)	L1 AR-1016-1	4.845	5.775	9504031	26974585	143.941	156.470
4)	L1 AR-1016-2	4.863	5.798	13642915	37849966	147.265	154.512
5)	L1 AR-1016-3	5.037	5.861	6914598	22524937	143.855	155.460
6)	L1 AR-1016-4	5.077	5.959	5412002	18558422	143.655	156.924
7)	L1 AR-1016-5	5.289	6.248	7074203	17599141	137.387	154.555
9)	L2 AR-1221-2	4.069	0.000	1632618	0	102.223	N.D. #
10)	L2 AR-1221-3	4.143	4.987	4488673	12478387	87.082	82.720
11)	L3 AR-1232-1	4.143	4.987	4488673	12478387	117.684	123.538
12)	L3 AR-1232-2	4.863	5.511	13642915	19092868	321.025	372.069
13)	L3 AR-1232-3	5.037	5.798	6914598	37849966	312.184	356.483
14)	L3 AR-1232-4	5.119	5.959	6772120	18558422	351.037	358.184
15)	L3 AR-1232-5	5.289	6.045	7074203	15008684	276.217	395.957 #
16)	L4 AR-1242-1	4.845	5.775	9504031	26974585	164.701	183.551
17)	L4 AR-1242-2	4.863	5.798	13642915	37849966	164.718	181.709
18)	L4 AR-1242-3	5.037	5.861	6914598	22524937	158.504	179.109
19)	L4 AR-1242-4	5.119	5.959	6772120	18558422	162.876	179.401
20)	L4 AR-1242-5	5.637	6.621	5315843	15227454	92.785	137.194 #
21)	L5 AR-1248-1	4.845	5.775	9504031	26974585	218.743	249.195
22)	L5 AR-1248-2	5.077	6.045	5412002	15008684	94.074	102.924
23)	L5 AR-1248-3	5.119	6.248	6772120	17599141	115.768	104.442
24)	L5 AR-1248-4	5.289	6.621	7074203	15227454	94.107	79.500
25)	L5 AR-1248-5	5.637	6.621	5315843	15227454	67.459	84.038
26)	L6 AR-1254-1	5.637	6.621	5315843	15227454	48.921	87.185 #
27)	L6 AR-1254-2	5.781	6.835	5552144	14407411	57.513	53.545
28)	L6 AR-1254-3	6.197	7.201	11800299	7730205	74.882	25.852 #
29)	L6 AR-1254-4	6.407	7.545	2074585	5765756	17.721	26.020 #
30)	L6 AR-1254-5	6.822	7.896	18853772	44339969	136.892	184.736 #
31)	L7 AR-1260-1	6.311	7.361	13841809	31397239	150.827	160.636
32)	L7 AR-1260-2	6.495	7.614	18590065	37031665	146.114	157.521
33)	L7 AR-1260-3	6.650	7.969	15161893	22182136	145.917	124.956
34)	L7 AR-1260-4	7.118	8.200	10799482	26325076	123.380	124.620
35)	L7 AR-1260-5	7.357	8.525	28023942	49845576	120.507	112.347
36)	L8 AR-1262-1	6.913	7.969	7090548	22182136	91.206	66.361 #
37)	L8 AR-1262-2	7.357	8.525	28023942	49845576	76.708	79.716
38)	L8 AR-1262-3	7.640	8.863	8334360	31099041	62.453	74.859
39)	L8 AR-1262-4	7.703	8.917	19599309	15390285	82.033	50.364 #
40)	L8 AR-1262-5	8.201	9.608	5253212	11316973	49.796	50.435
41)	L9 AR-1268-1	7.640	8.863	8334360	31099041	21.268	43.749 #
42)	L9 AR-1268-2	7.703	8.917	19599309	15390285	57.447	23.679 #

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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
44) L9	AR-1268-4	8.201	9.608	5253212	11316973	46.081	46.847
45) L9	AR-1268-5	8.496	0.000	2581092	0	3.108	N.D. #

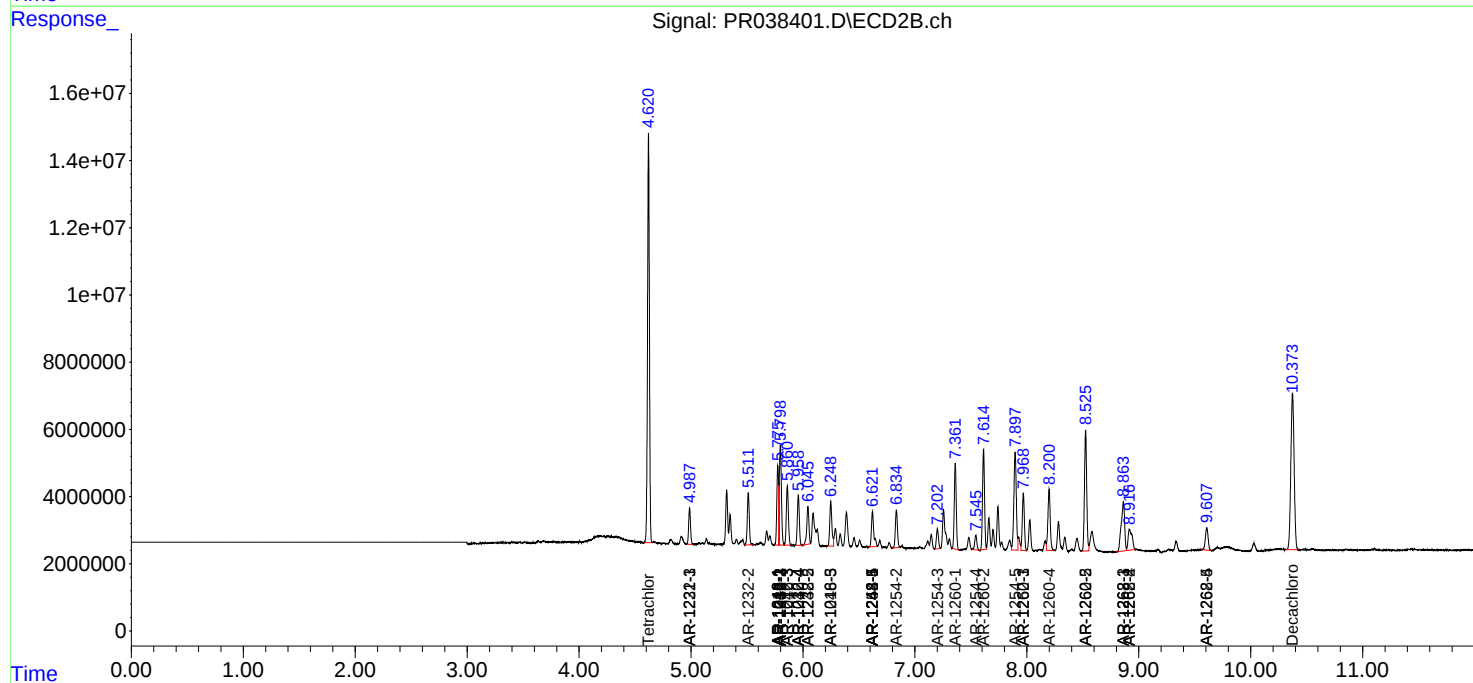
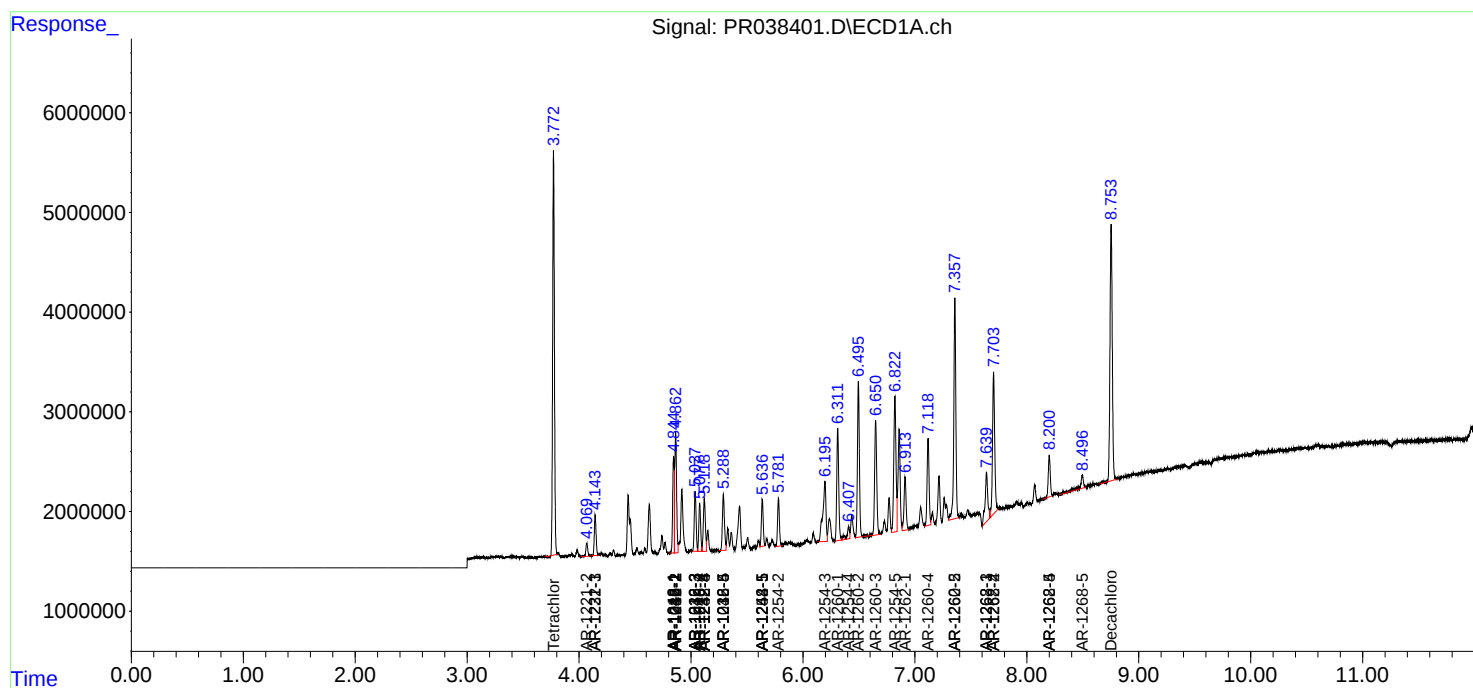
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

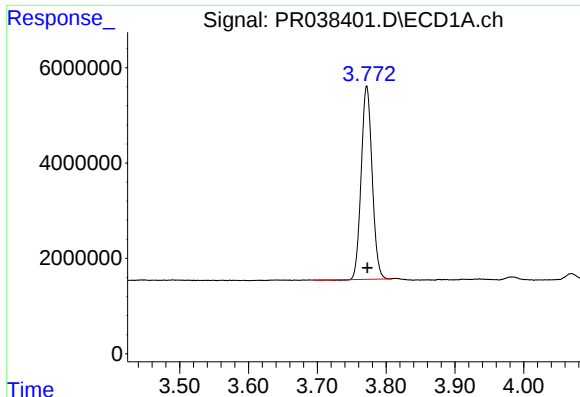
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

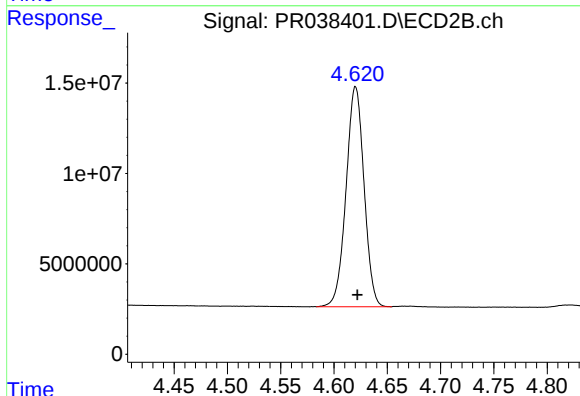




#1 Tetrachloro-m-xylene

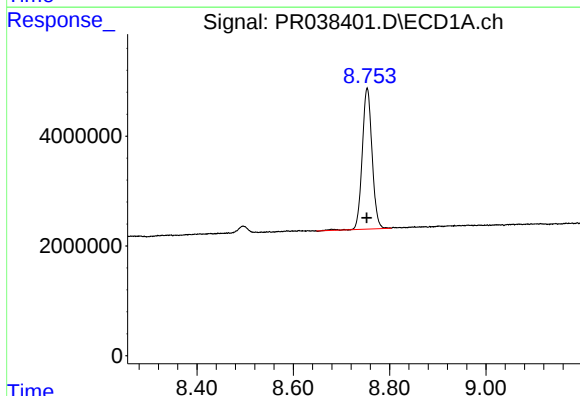
R.T.: 3.772 min
Delta R.T.: -0.001 min
Response: 44623188
Conc: 28.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



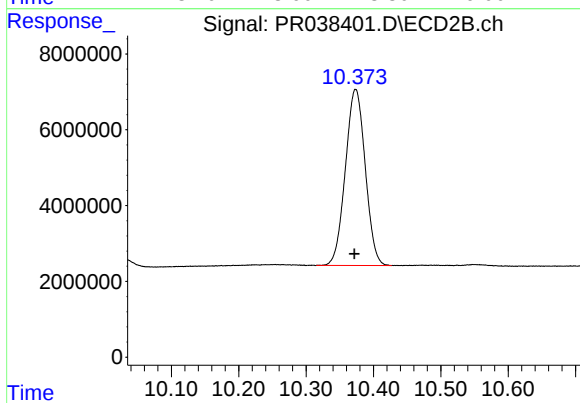
#1 Tetrachloro-m-xylene

R.T.: 4.620 min
Delta R.T.: -0.002 min
Response: 142820570
Conc: 28.02 ng/ml



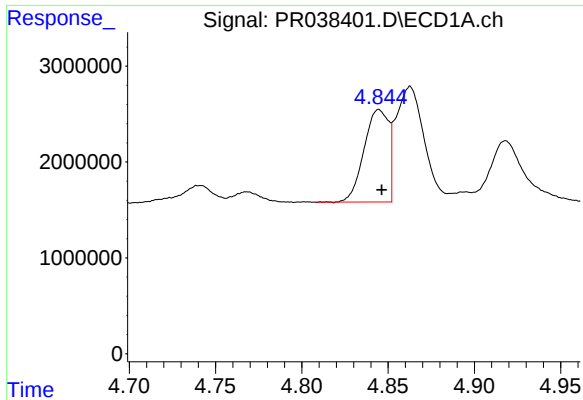
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: 0.000 min
Response: 36263641
Conc: 23.07 ng/ml



#2 Decachlorobiphenyl

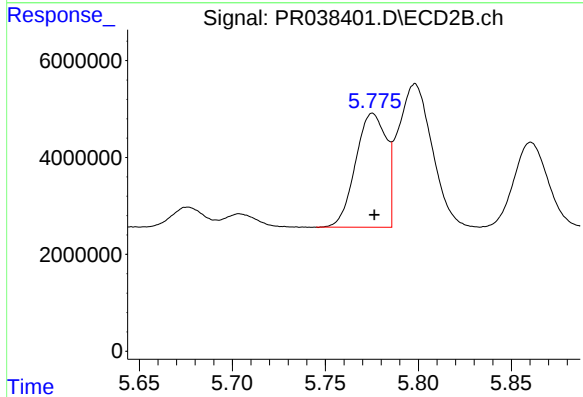
R.T.: 10.374 min
Delta R.T.: 0.002 min
Response: 95203723
Conc: 22.64 ng/ml



#3 AR-1016-1

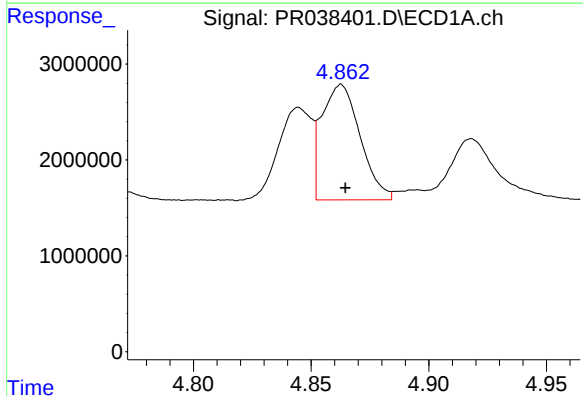
R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 9504031
Conc: 143.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



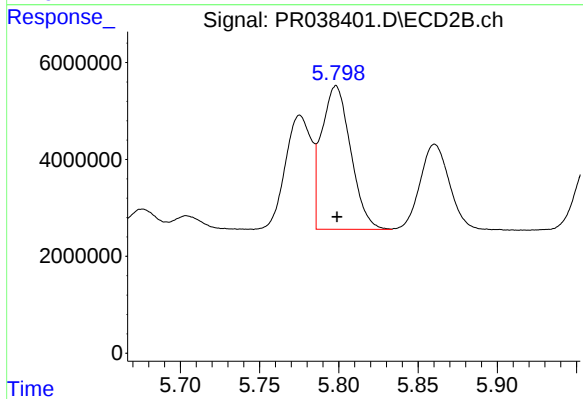
#3 AR-1016-1

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 26974585
Conc: 156.47 ng/ml



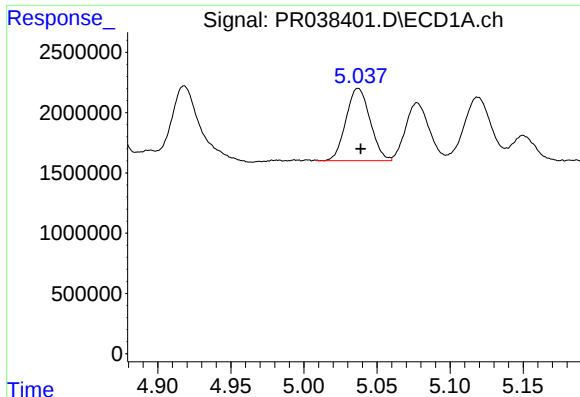
#4 AR-1016-2

R.T.: 4.863 min
Delta R.T.: -0.002 min
Response: 13642915
Conc: 147.26 ng/ml



#4 AR-1016-2

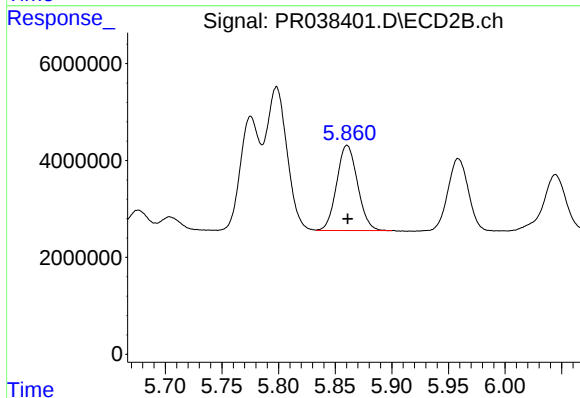
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 37849966
Conc: 154.51 ng/ml



#5 AR-1016-3

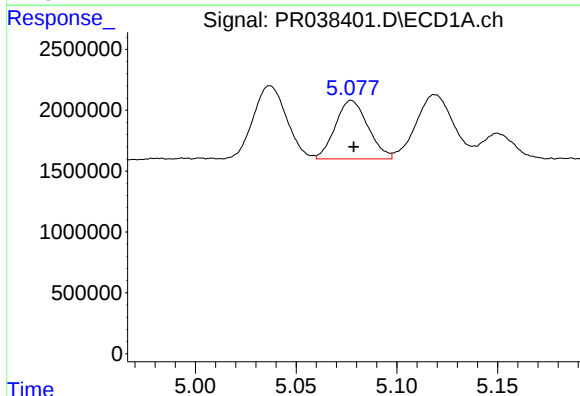
R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 6914598
Conc: 143.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



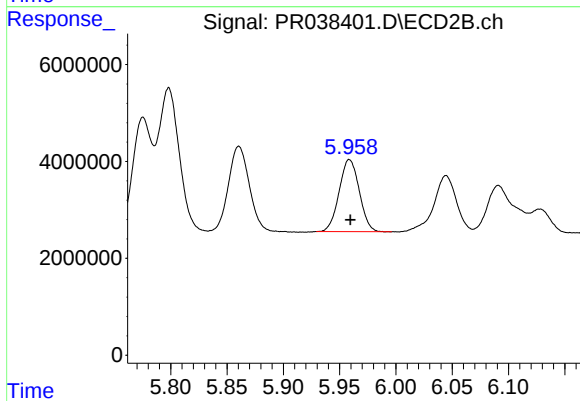
#5 AR-1016-3

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 22524937
Conc: 155.46 ng/ml



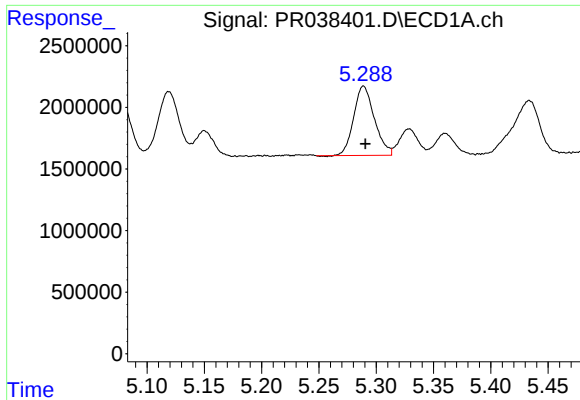
#6 AR-1016-4

R.T.: 5.077 min
Delta R.T.: -0.001 min
Response: 5412002
Conc: 143.65 ng/ml



#6 AR-1016-4

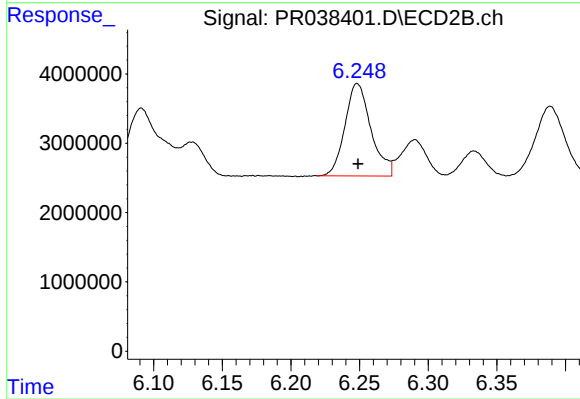
R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 18558422
Conc: 156.92 ng/ml



#7 AR-1016-5

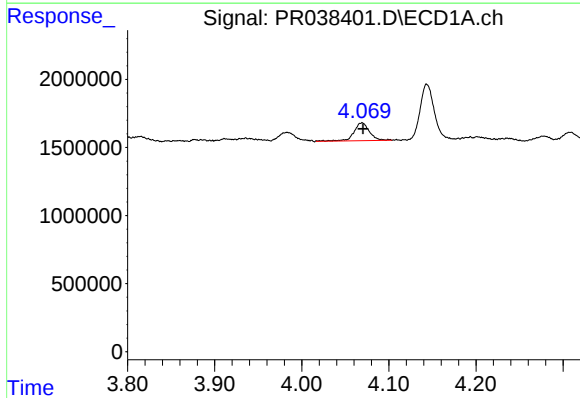
R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 7074203
Conc: 137.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



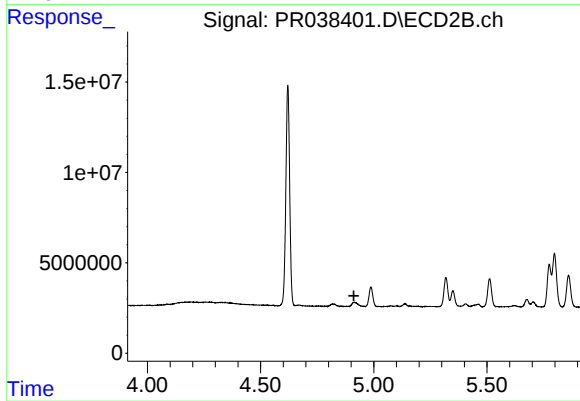
#7 AR-1016-5

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 17599141
Conc: 154.56 ng/ml



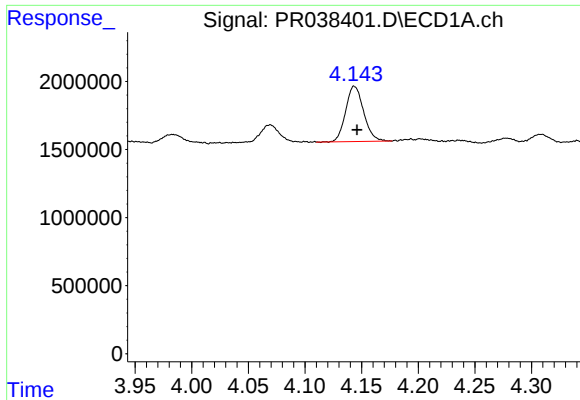
#9 AR-1221-2

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 1632618
Conc: 102.22 ng/ml



#9 AR-1221-2

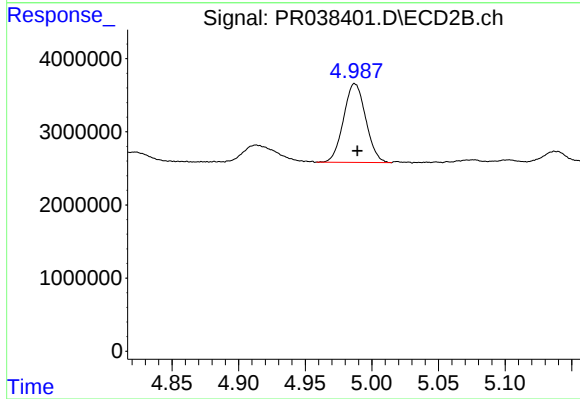
R.T.: 0.000 min
Exp R.T. : 4.912 min
Response: 0
Conc: N.D.



#10 AR-1221-3

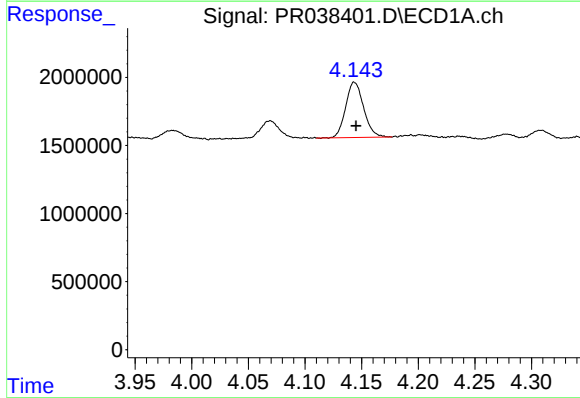
R.T.: 4.143 min
Delta R.T.: -0.003 min
Response: 4488673
Conc: 87.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



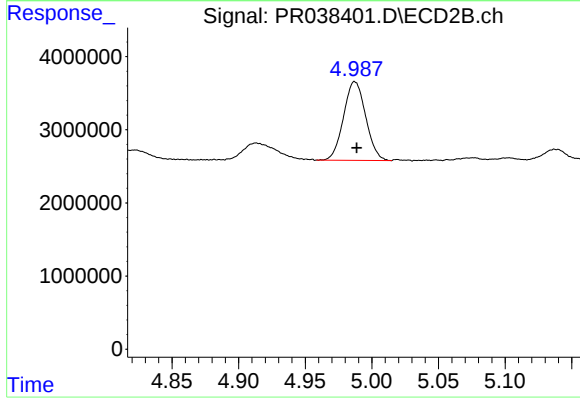
#10 AR-1221-3

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 12478387
Conc: 82.72 ng/ml



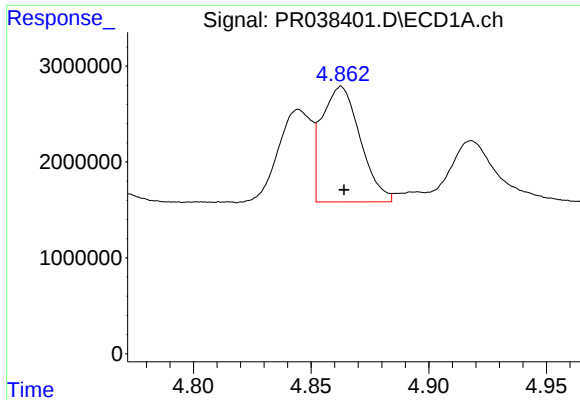
#11 AR-1232-1

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 4488673
Conc: 117.68 ng/ml



#11 AR-1232-1

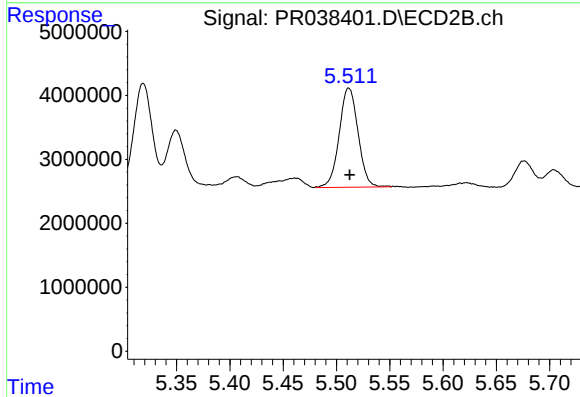
R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 12478387
Conc: 123.54 ng/ml



#12 AR-1232-2

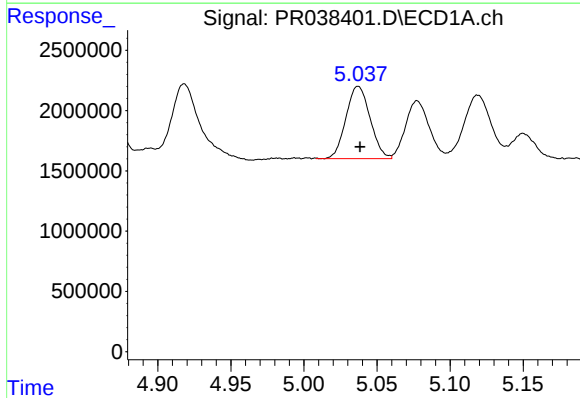
R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 13642915
Conc: 321.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



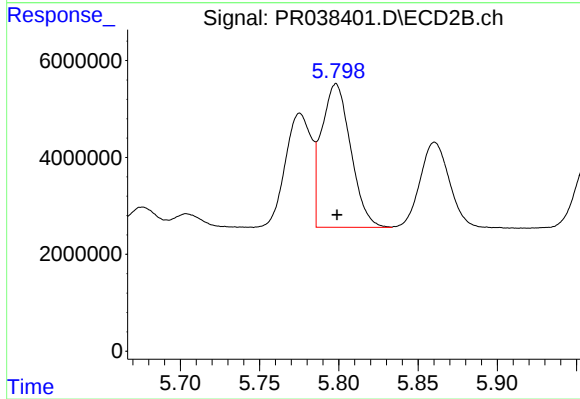
#12 AR-1232-2

R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 19092868
Conc: 372.07 ng/ml



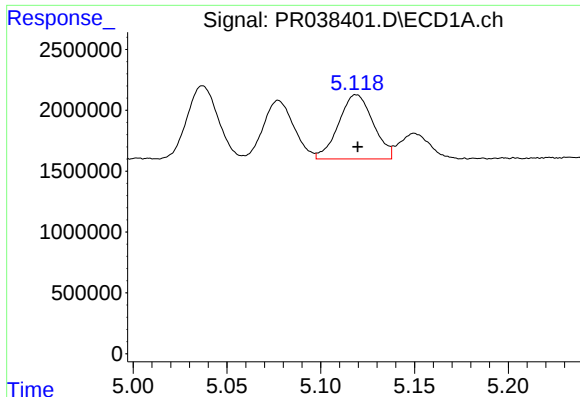
#13 AR-1232-3

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 6914598
Conc: 312.18 ng/ml



#13 AR-1232-3

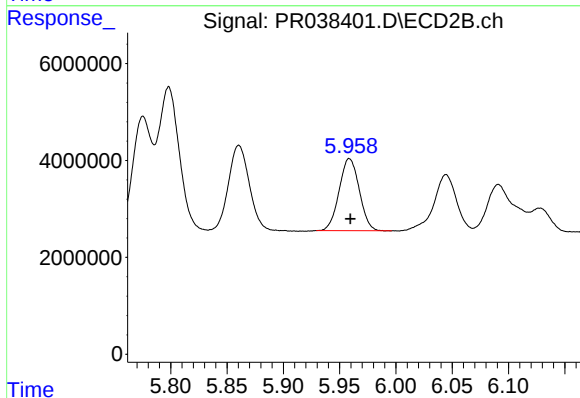
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 37849966
Conc: 356.48 ng/ml



#14 AR-1232-4

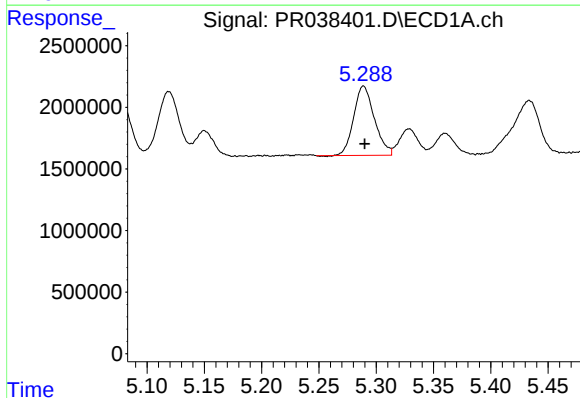
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 6772120
Conc: 351.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



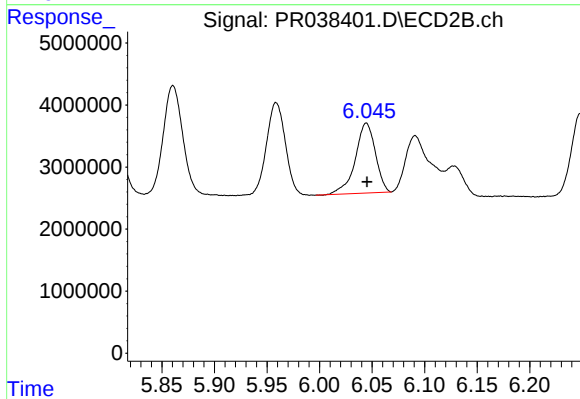
#14 AR-1232-4

R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 18558422
Conc: 358.18 ng/ml



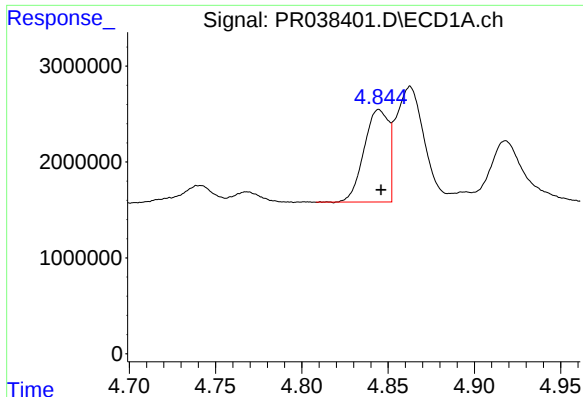
#15 AR-1232-5

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 7074203
Conc: 276.22 ng/ml



#15 AR-1232-5

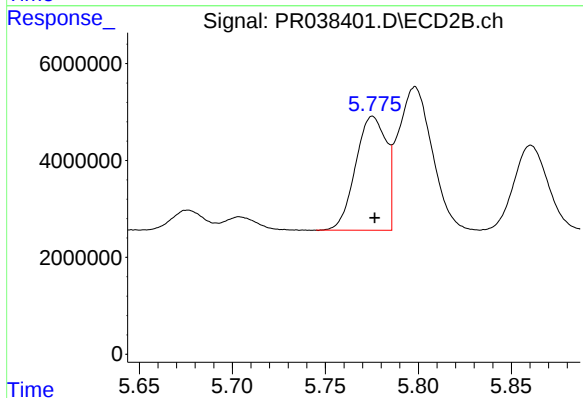
R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 15008684
Conc: 395.96 ng/ml



#16 AR-1242-1

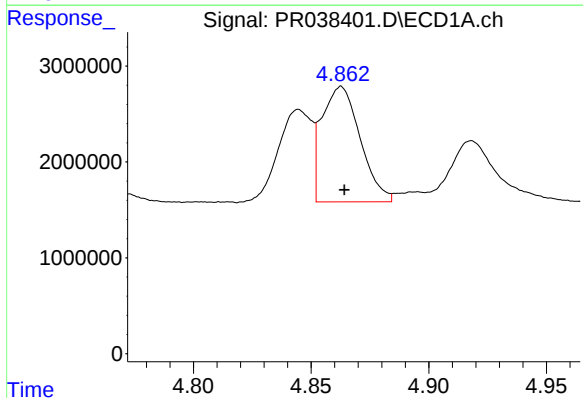
R.T.: 4.845 min
Delta R.T.: -0.001 min
Response: 9504031
Conc: 164.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



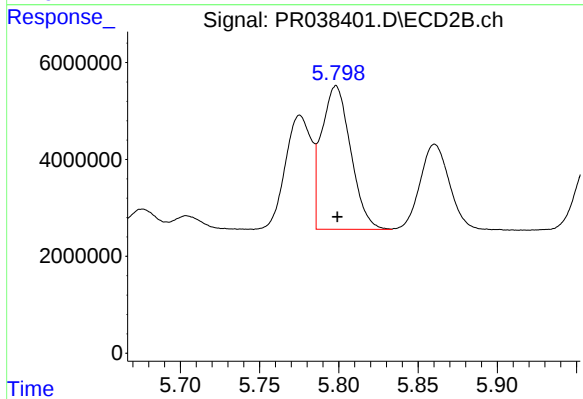
#16 AR-1242-1

R.T.: 5.775 min
Delta R.T.: -0.001 min
Response: 26974585
Conc: 183.55 ng/ml



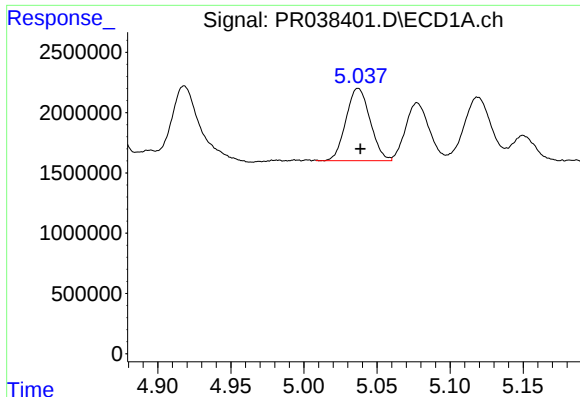
#17 AR-1242-2

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 13642915
Conc: 164.72 ng/ml



#17 AR-1242-2

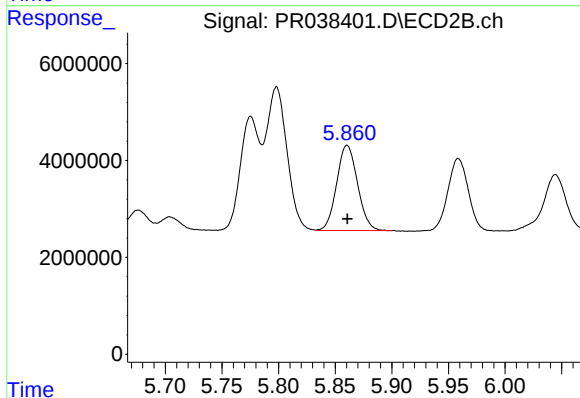
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 37849966
Conc: 181.71 ng/ml



#18 AR-1242-3

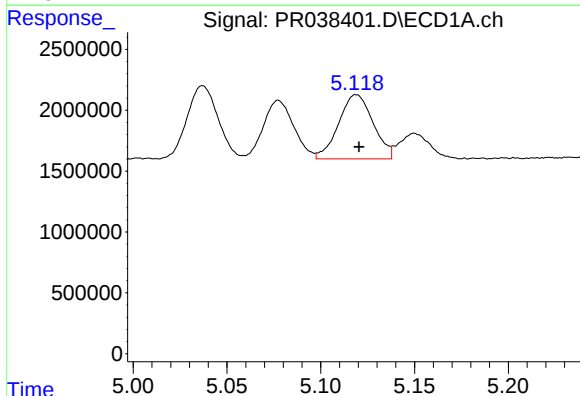
R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 6914598
Conc: 158.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



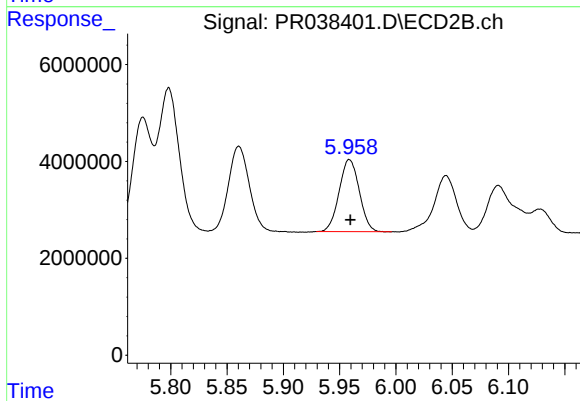
#18 AR-1242-3

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 22524937
Conc: 179.11 ng/ml



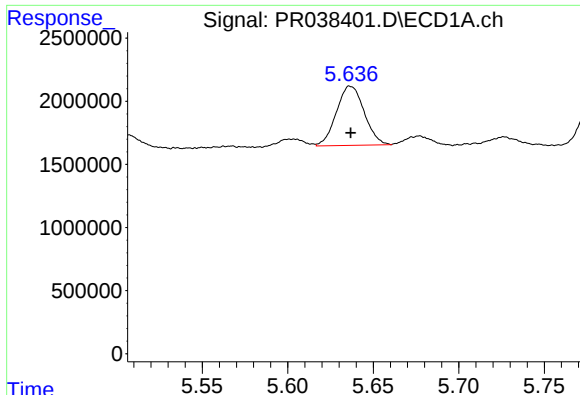
#19 AR-1242-4

R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 6772120
Conc: 162.88 ng/ml



#19 AR-1242-4

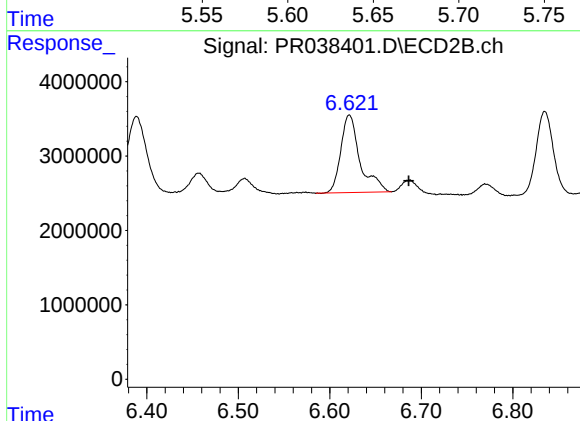
R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 18558422
Conc: 179.40 ng/ml



#20 AR-1242-5

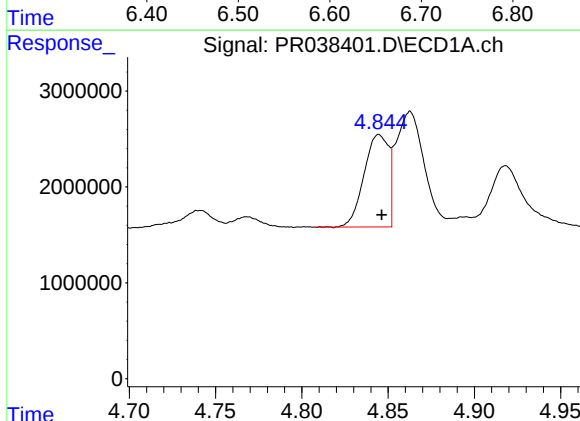
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 5315843
Conc: 92.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



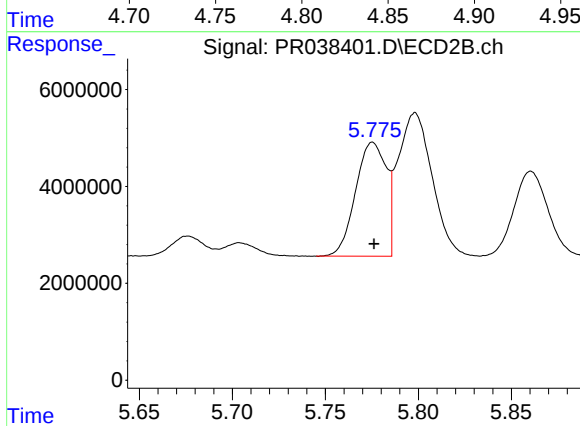
#20 AR-1242-5

R.T.: 6.621 min
Delta R.T.: -0.065 min
Response: 15227454
Conc: 137.19 ng/ml



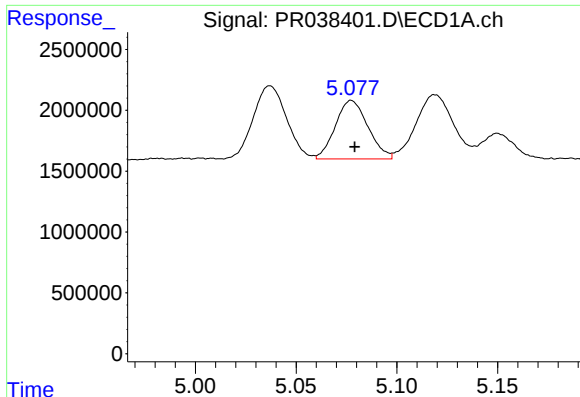
#21 AR-1248-1

R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 9504031
Conc: 218.74 ng/ml



#21 AR-1248-1

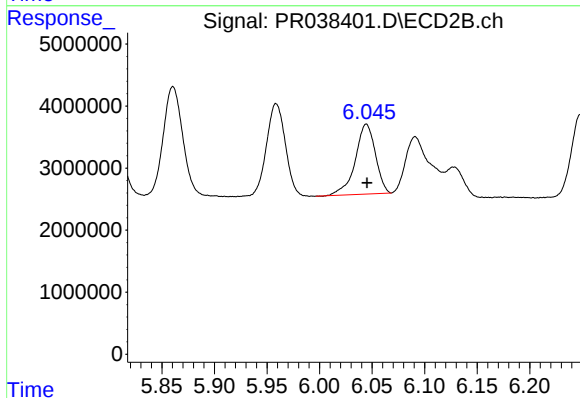
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 26974585
Conc: 249.20 ng/ml



#22 AR-1248-2

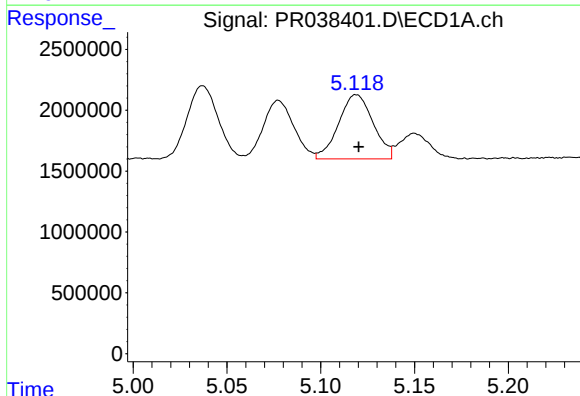
R.T.: 5.077 min
Delta R.T.: -0.002 min
Response: 5412002
Conc: 94.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



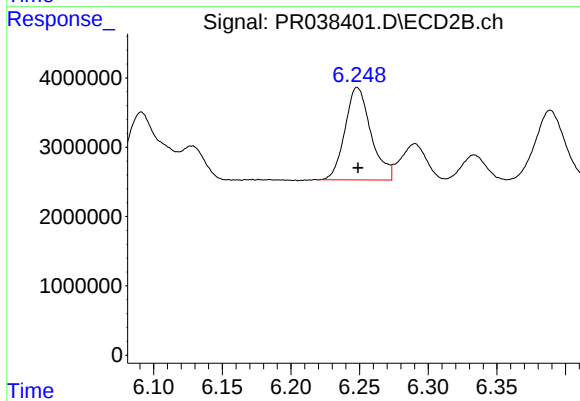
#22 AR-1248-2

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 15008684
Conc: 102.92 ng/ml



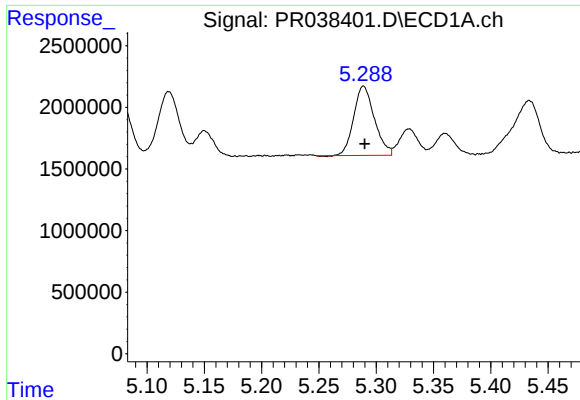
#23 AR-1248-3

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 6772120
Conc: 115.77 ng/ml



#23 AR-1248-3

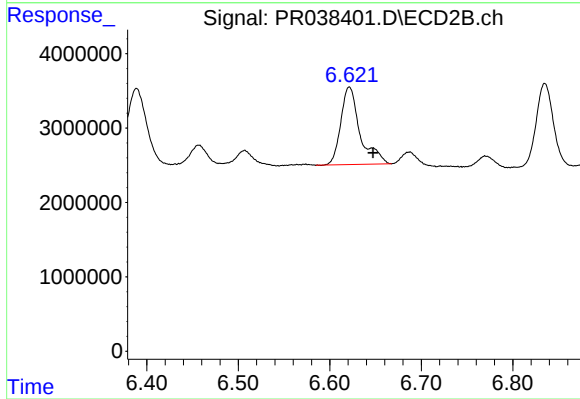
R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 17599141
Conc: 104.44 ng/ml



#24 AR-1248-4

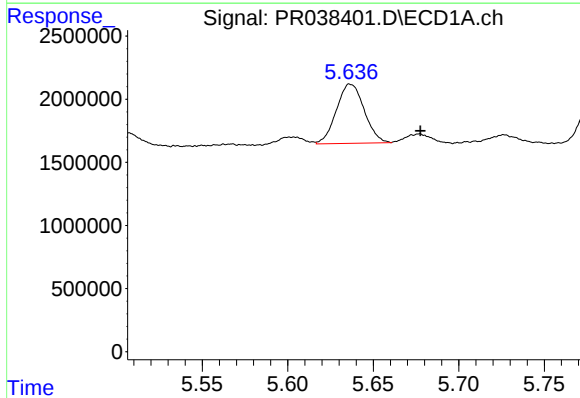
R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 7074203
Conc: 94.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



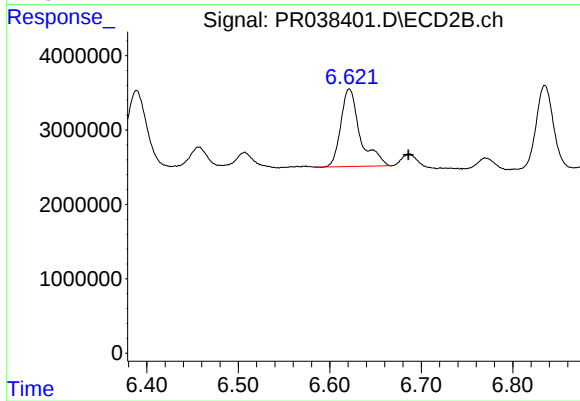
#24 AR-1248-4

R.T.: 6.621 min
Delta R.T.: -0.026 min
Response: 15227454
Conc: 79.50 ng/ml



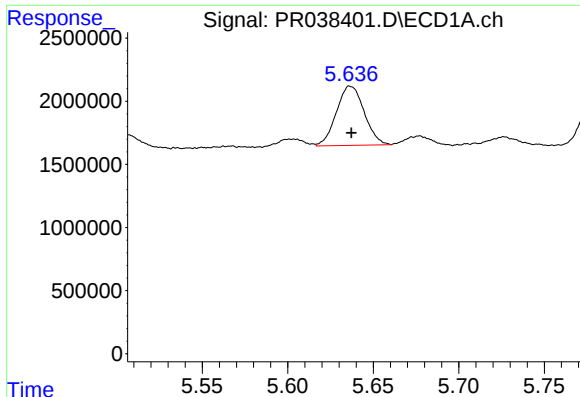
#25 AR-1248-5

R.T.: 5.637 min
Delta R.T.: -0.041 min
Response: 5315843
Conc: 67.46 ng/ml



#25 AR-1248-5

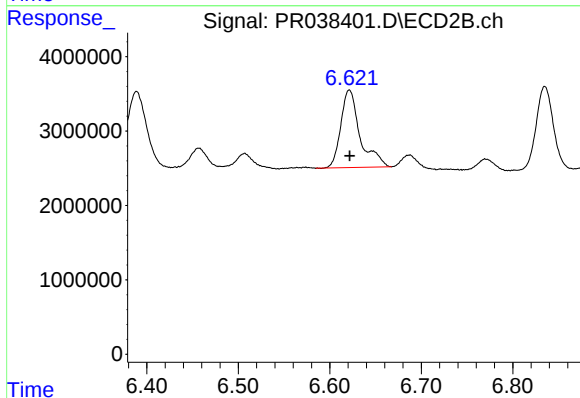
R.T.: 6.621 min
Delta R.T.: -0.064 min
Response: 15227454
Conc: 84.04 ng/ml



#26 AR-1254-1

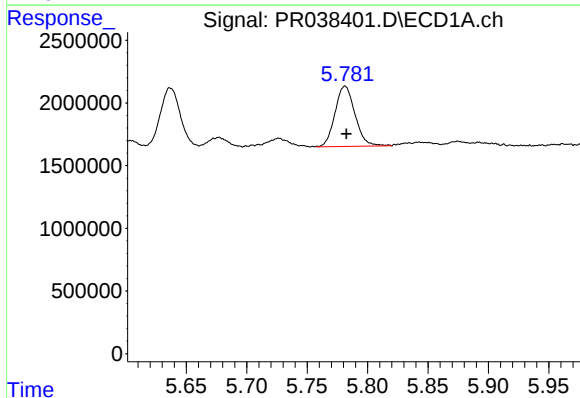
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 5315843
Conc: 48.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



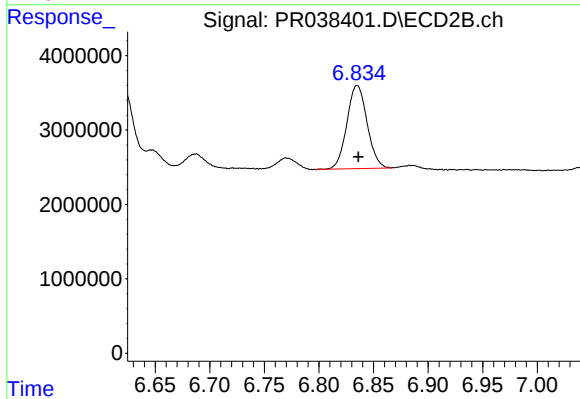
#26 AR-1254-1

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 15227454
Conc: 87.18 ng/ml



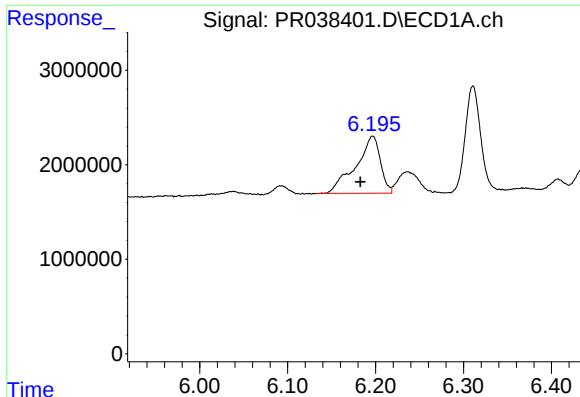
#27 AR-1254-2

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 5552144
Conc: 57.51 ng/ml



#27 AR-1254-2

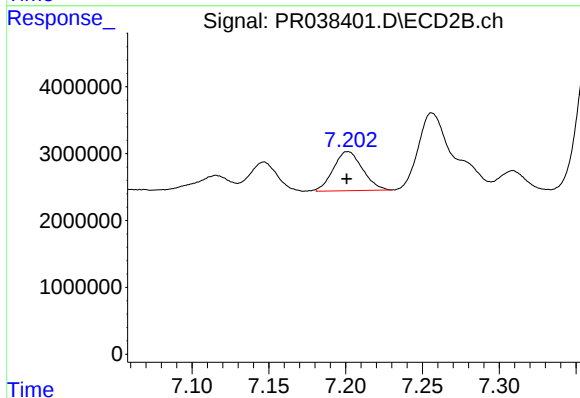
R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 14407411
Conc: 53.55 ng/ml



#28 AR-1254-3

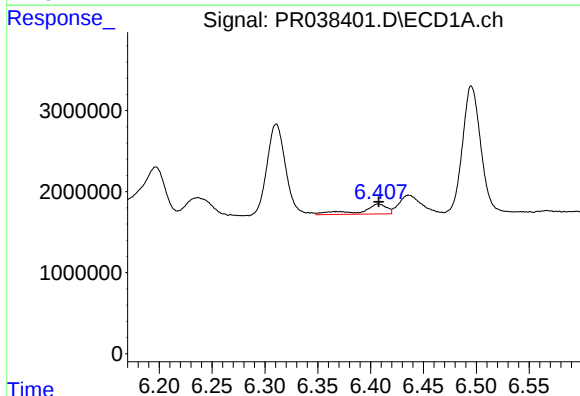
R.T.: 6.197 min
Delta R.T.: 0.014 min
Response: 11800299
Conc: 74.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



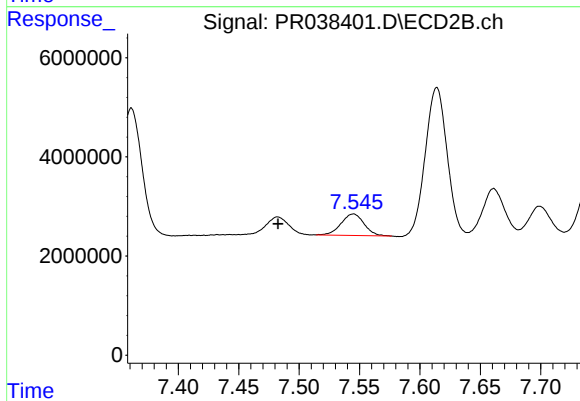
#28 AR-1254-3

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 7730205
Conc: 25.85 ng/ml



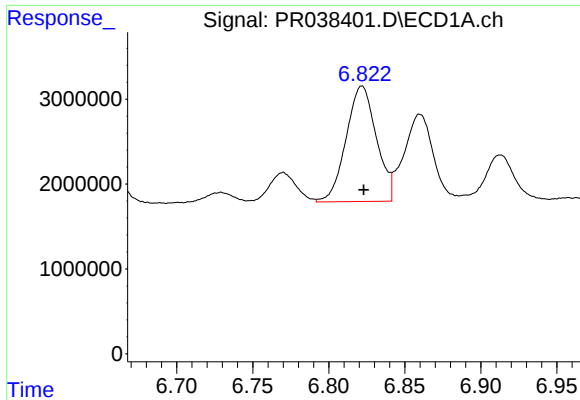
#29 AR-1254-4

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 2074585
Conc: 17.72 ng/ml



#29 AR-1254-4

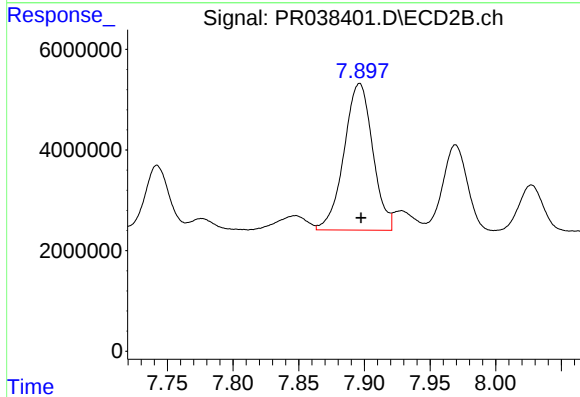
R.T.: 7.545 min
Delta R.T.: 0.062 min
Response: 5765756
Conc: 26.02 ng/ml



#30 AR-1254-5

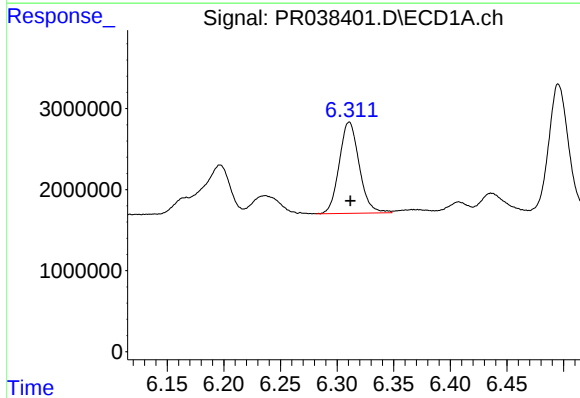
R.T.: 6.822 min
Delta R.T.: -0.001 min
Response: 18853772
Conc: 136.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



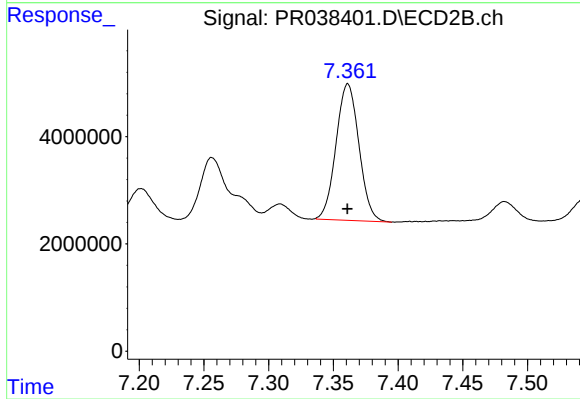
#30 AR-1254-5

R.T.: 7.896 min
Delta R.T.: -0.001 min
Response: 44339969
Conc: 184.74 ng/ml



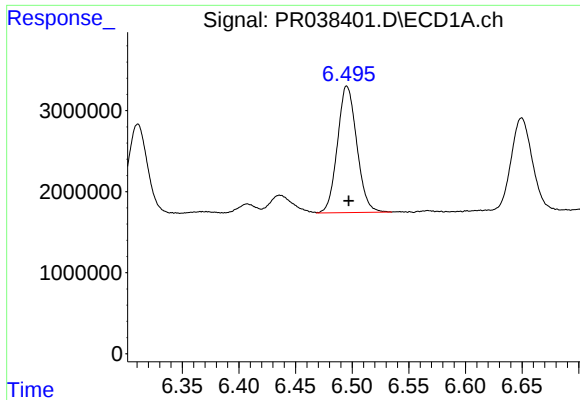
#31 AR-1260-1

R.T.: 6.311 min
Delta R.T.: -0.001 min
Response: 13841809
Conc: 150.83 ng/ml



#31 AR-1260-1

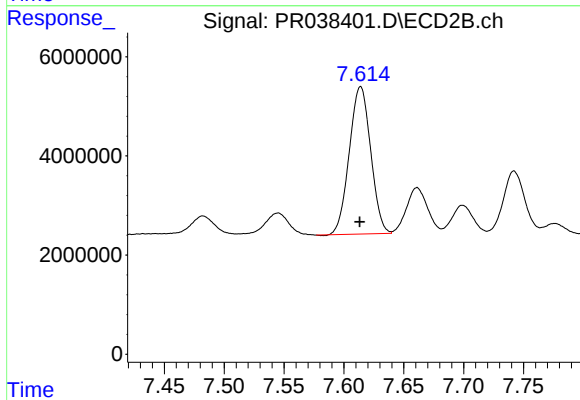
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 31397239
Conc: 160.64 ng/ml



#32 AR-1260-2

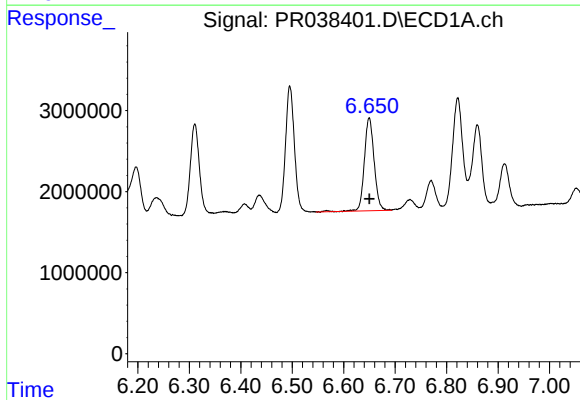
R.T.: 6.495 min
Delta R.T.: -0.001 min
Response: 18590065
Conc: 146.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



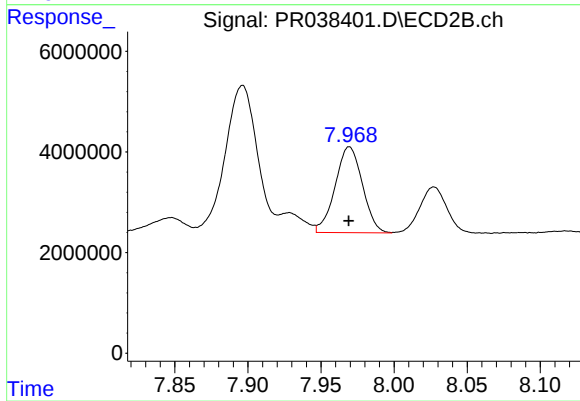
#32 AR-1260-2

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 37031665
Conc: 157.52 ng/ml



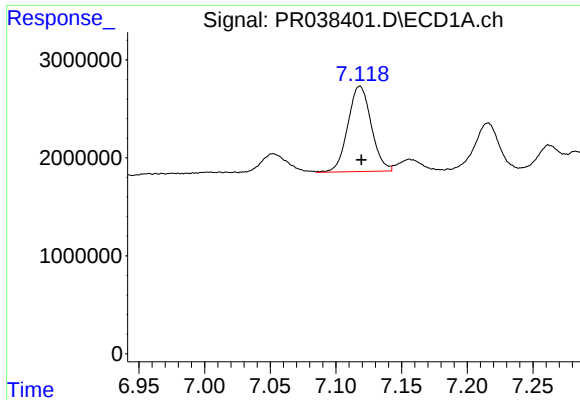
#33 AR-1260-3

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 15161893
Conc: 145.92 ng/ml



#33 AR-1260-3

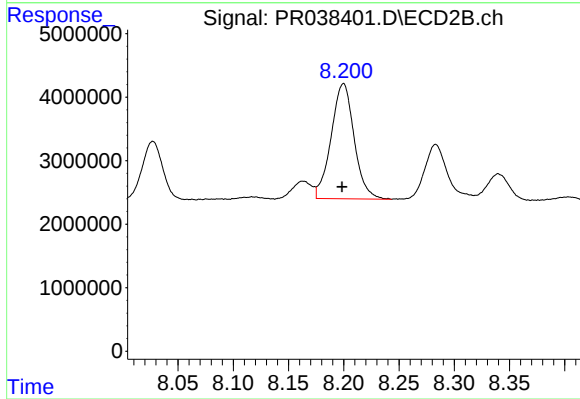
R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 22182136
Conc: 124.96 ng/ml



#34 AR-1260-4

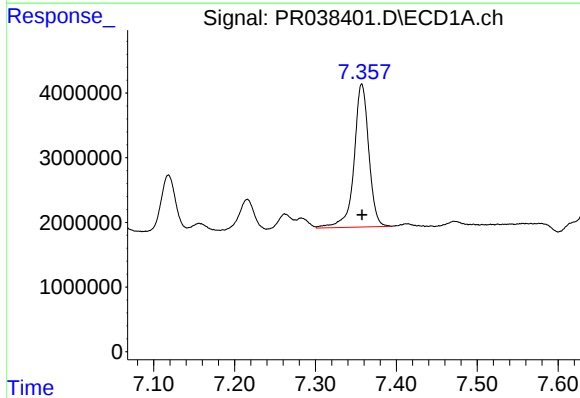
R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 10799482
Conc: 123.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



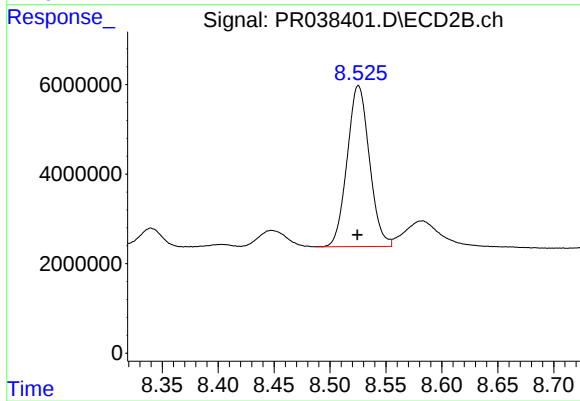
#34 AR-1260-4

R.T.: 8.200 min
Delta R.T.: 0.001 min
Response: 26325076
Conc: 124.62 ng/ml



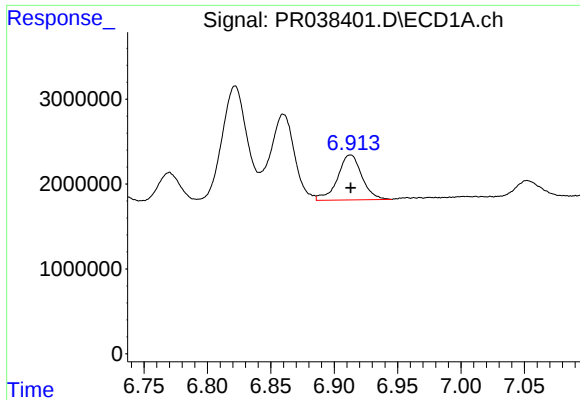
#35 AR-1260-5

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 28023942
Conc: 120.51 ng/ml



#35 AR-1260-5

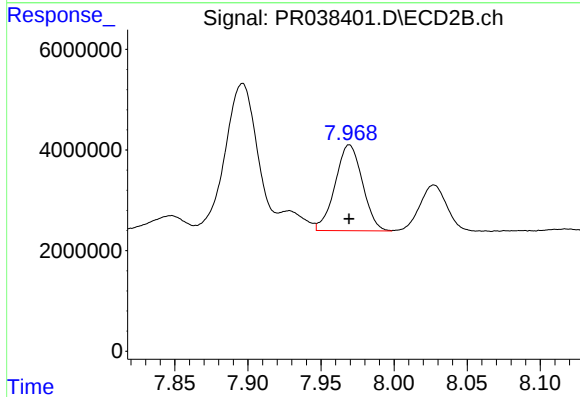
R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 49845576
Conc: 112.35 ng/ml



#36 AR-1262-1

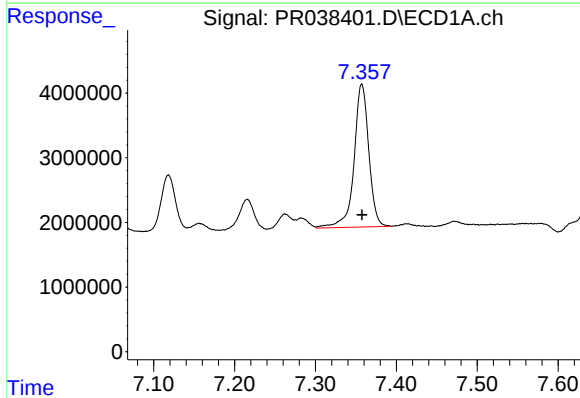
R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 7090548
Conc: 91.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



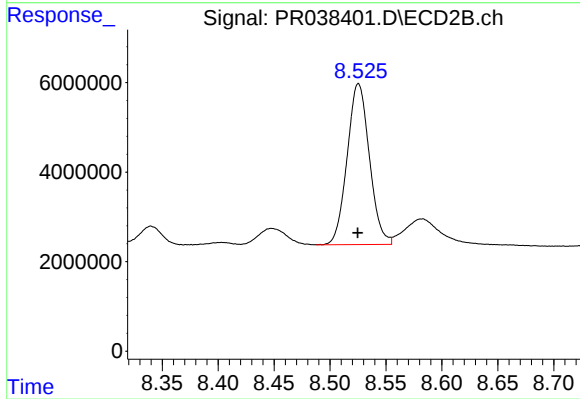
#36 AR-1262-1

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 22182136
Conc: 66.36 ng/ml



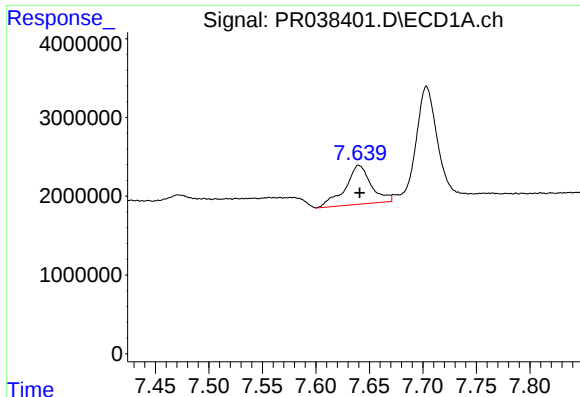
#37 AR-1262-2

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 28023942
Conc: 76.71 ng/ml



#37 AR-1262-2

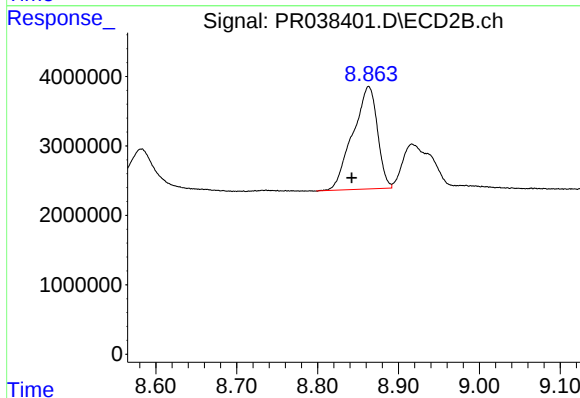
R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 49845576
Conc: 79.72 ng/ml



#38 AR-1262-3

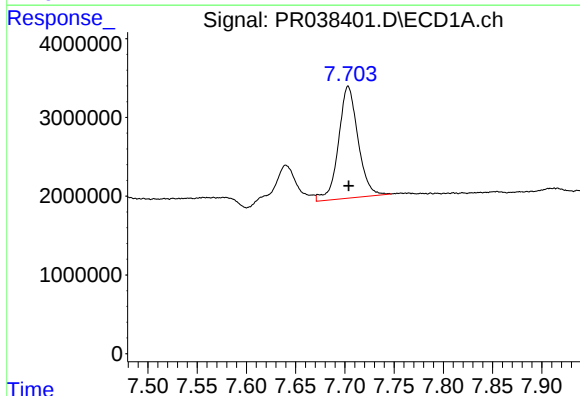
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 8334360
Conc: 62.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



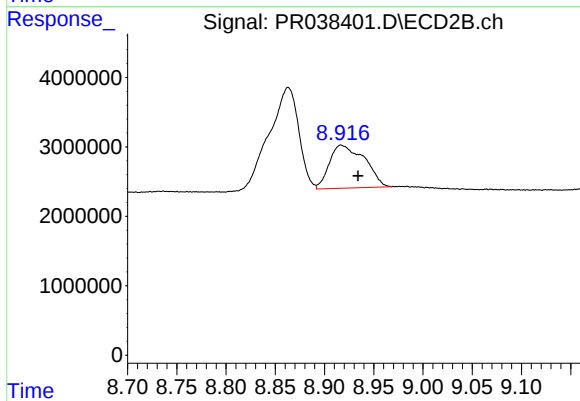
#38 AR-1262-3

R.T.: 8.863 min
Delta R.T.: 0.021 min
Response: 31099041
Conc: 74.86 ng/ml



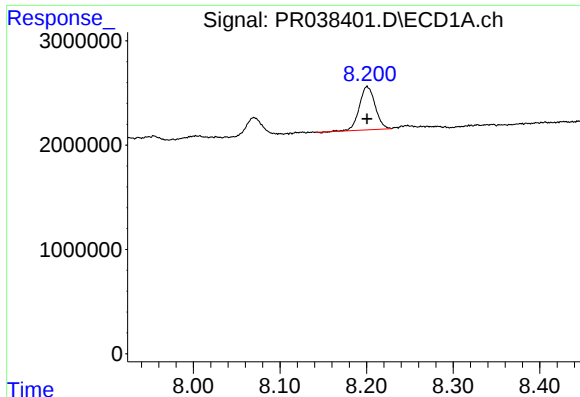
#39 AR-1262-4

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 19599309
Conc: 82.03 ng/ml



#39 AR-1262-4

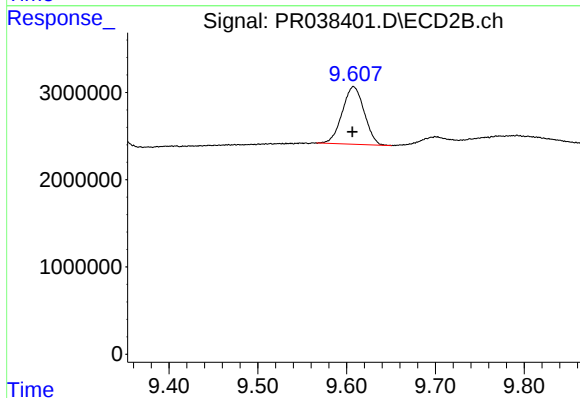
R.T.: 8.917 min
Delta R.T.: -0.017 min
Response: 15390285
Conc: 50.36 ng/ml



#40 AR-1262-5

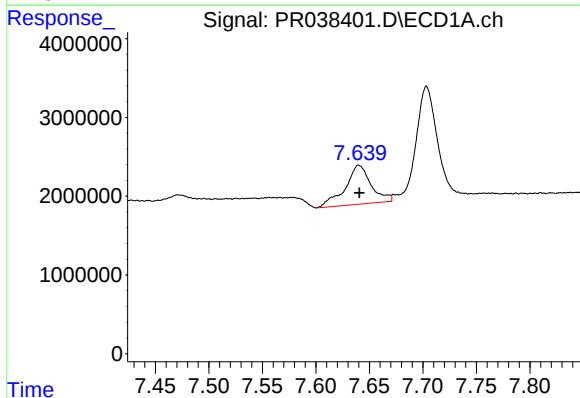
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 5253212
Conc: 49.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



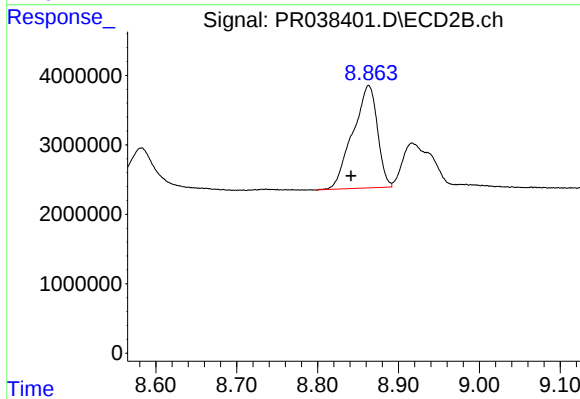
#40 AR-1262-5

R.T.: 9.608 min
Delta R.T.: 0.001 min
Response: 11316973
Conc: 50.43 ng/ml



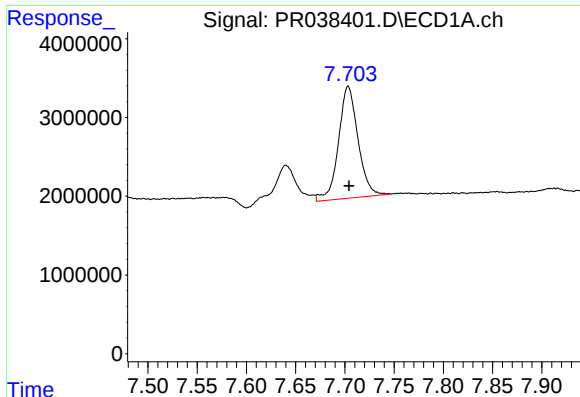
#41 AR-1268-1

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 8334360
Conc: 21.27 ng/ml



#41 AR-1268-1

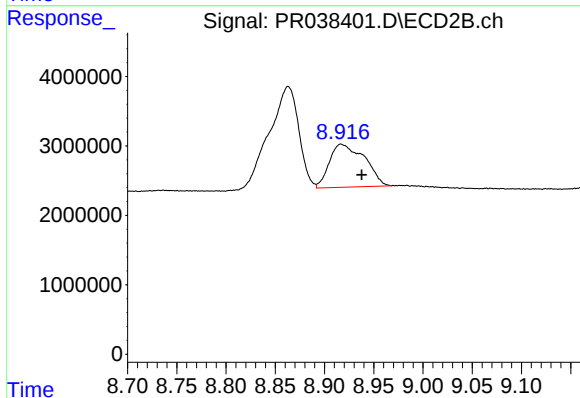
R.T.: 8.863 min
Delta R.T.: 0.022 min
Response: 31099041
Conc: 43.75 ng/ml



#42 AR-1268-2

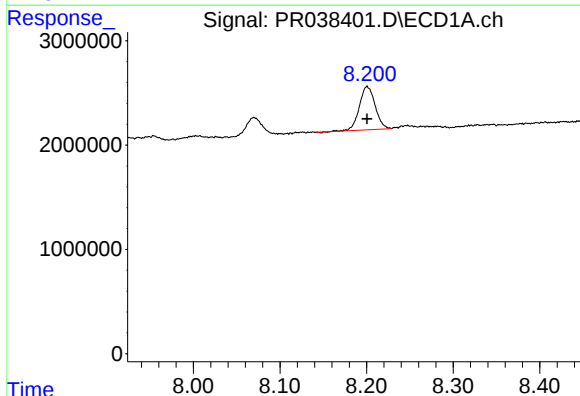
R.T.: 7.703 min
Delta R.T.: -0.001 min
Response: 19599309
Conc: 57.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



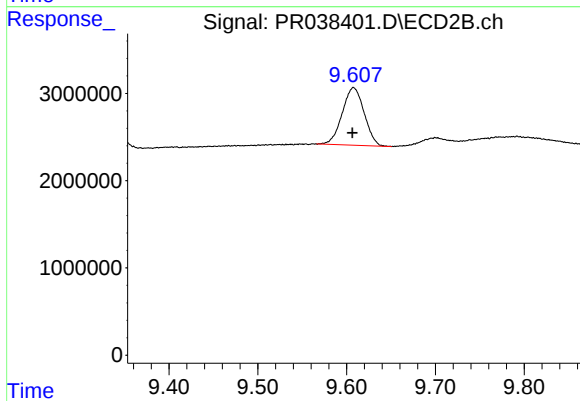
#42 AR-1268-2

R.T.: 8.917 min
Delta R.T.: -0.021 min
Response: 15390285
Conc: 23.68 ng/ml



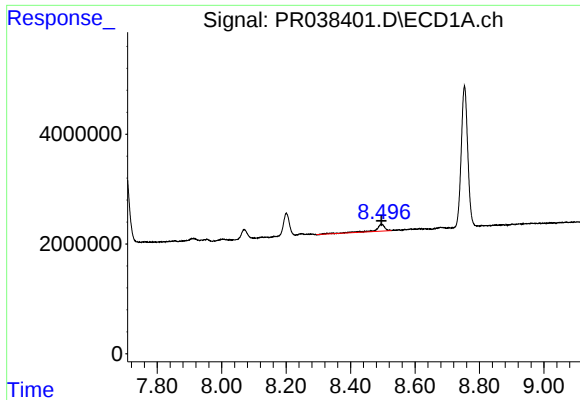
#44 AR-1268-4

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 5253212
Conc: 46.08 ng/ml



#44 AR-1268-4

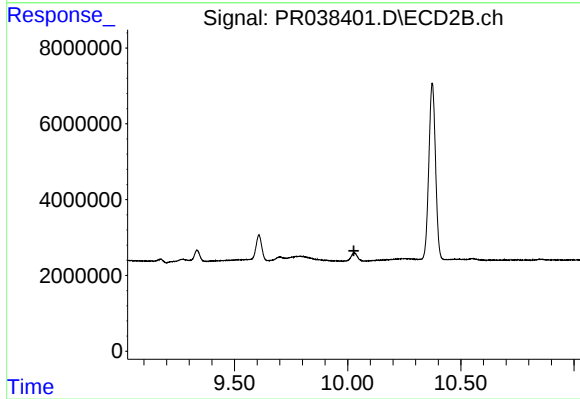
R.T.: 9.608 min
Delta R.T.: 0.001 min
Response: 11316973
Conc: 46.85 ng/ml



#45 AR-1268-5

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 2581092
Conc: 3.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.027 min
Response: 0
Conc: N.D.