

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112320\
 Data File : PP031601.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Nov 2020 3:38
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 03:40:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112220.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 23 04:59:03 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.790	4.062	2396356	2311678	49.488	48.242
2)	SA Decachlor...	10.665	9.368	1699809	1878860	50.047	50.743
Target Compounds							
3)	L1 AR-1016-1	6.095	5.317	417375	398095	275.350	269.395
4)	L1 AR-1016-2	6.118	5.337	513399	416538	227.365	191.573
5)	L1 AR-1016-3	6.184	5.530	247873	286349	179.419	245.003 #
6)	L1 AR-1016-4	6.288	5.580	287446	538319	247.368	616.709 #
7)	L1 AR-1016-5	6.603	5.808	653819	610328	593.165	536.598
8)	L2 AR-1221-1	0.000	4.314	0	4593	N.D.	9.053 #
9)	L2 AR-1221-2	0.000	4.416	0	38120	N.D.	98.819 #
10)	L2 AR-1221-3	0.000	4.506	0	36054	N.D.	29.890 #
11)	L3 AR-1232-1	0.000	4.506	0	36054	N.D.	34.704 #
12)	L3 AR-1232-2	5.802	5.337	190311	416538	350.951	427.734
13)	L3 AR-1232-3	6.118	5.530	513399	286349	508.366	542.968
14)	L3 AR-1232-4	6.288	5.625	287446	571698	542.118	1353.691 #
15)	L3 AR-1232-5	6.389	5.808	518489	610328	1614.052	2106.130 #
16)	L4 AR-1242-1	6.095	5.317	417375	398095	348.774	348.714
17)	L4 AR-1242-2	6.118	5.337	513399	416538	288.542	247.684
18)	L4 AR-1242-3	6.184	5.530	247873	286349	222.622	313.593 #
19)	L4 AR-1242-4	6.288	5.625	287446	571698	311.021	680.587 #
20)	L4 AR-1242-5	7.068	6.189	701126	944845	765.310	915.784
21)	L5 AR-1248-1	6.095	5.317	417375	398095	451.989	462.196
22)	L5 AR-1248-2	6.389	5.580	518489	538319	438.336	450.849
23)	L5 AR-1248-3	6.603	5.625	653819	571698	446.924	451.678
24)	L5 AR-1248-4	7.029	5.808	711769	610328	453.875	398.372
25)	L5 AR-1248-5	7.068	6.232	701126	681125	441.660	466.837
26)	L6 AR-1254-1	6.999	6.189	513516	944845	336.984	436.780 #
27)	L6 AR-1254-2	7.231	6.348	715000	276029	307.866	148.165 #
28)	L6 AR-1254-3	7.608	6.768	415336	441245	164.403	142.740
29)	L6 AR-1254-4	7.902	7.007	275196	278846	162.185	164.133
30)	L6 AR-1254-5	8.329	7.436	43229	77607	23.124	28.748
31)	L7 AR-1260-1	0.000	6.916	0	206612	N.D.	104.556 #
32)	L7 AR-1260-2	8.039	7.101	58476	34486	28.459	14.161 #
33)	L7 AR-1260-3	0.000	7.254	0	51398	N.D.	22.507 #
34)	L7 AR-1260-4	0.000	7.738	0	7516	N.D.	3.956 #
35)	L7 AR-1260-5	0.000	7.986	0	16267	N.D.	3.585 #
36)	L8 AR-1262-1	0.000	7.461f	0	21770	N.D.	8.469 #
37)	L8 AR-1262-2	0.000	7.986	0	16267	N.D.	3.611 #
38)	L8 AR-1262-3	9.273f	8.272	101251	7134	38.102	4.173 #
39)	L8 AR-1262-4	0.000	8.334	0	16221	N.D.	4.710 #
40)	L8 AR-1262-5	0.000	8.832	0	12578	N.D.	7.887 #
41)	L9 AR-1268-1	9.273f	8.272	101251	7134	21.070	1.289 #

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Acq On : 24 Nov 2020 3:38
Operator : DD\AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

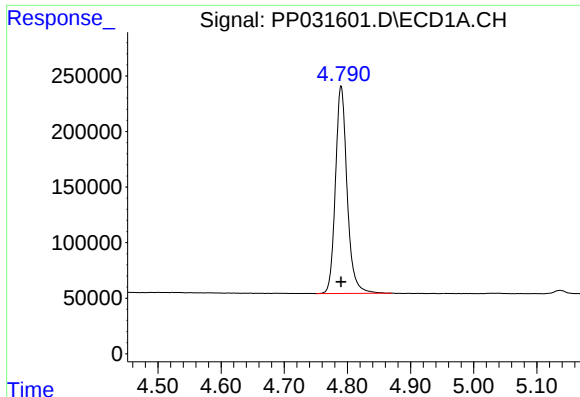
Instrument :
ECD_P
ClientSampleId :
AR1248CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 03:40:23 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112220.M
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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	0.000	8.334	0	16221	N.D.	3.000 #
43) L9	AR-1268-3	0.000	8.546	0	3560	N.D.	0.776 #
44) L9	AR-1268-4	0.000	8.832	0	12578	N.D.	6.901 #
45) L9	AR-1268-5	0.000	9.120	0	9727	N.D.	0.702 #

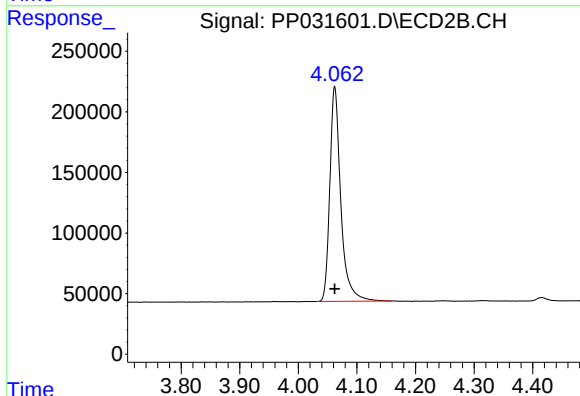
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

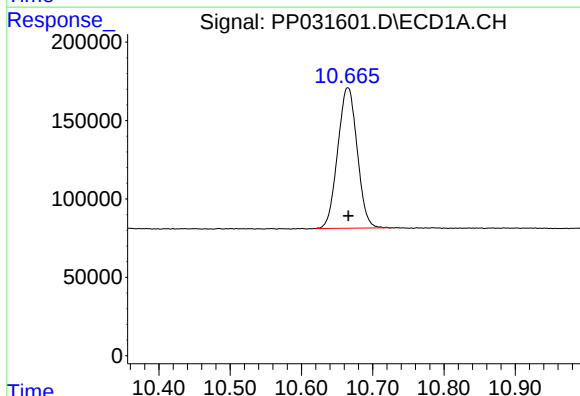
R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 2396356
Conc: 49.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



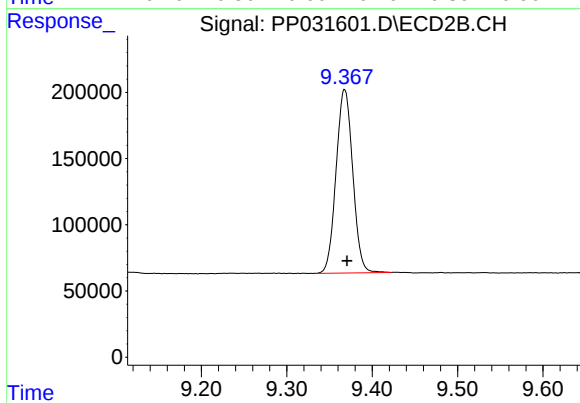
#1 Tetrachloro-m-xylene

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 2311678
Conc: 48.24 ng/ml



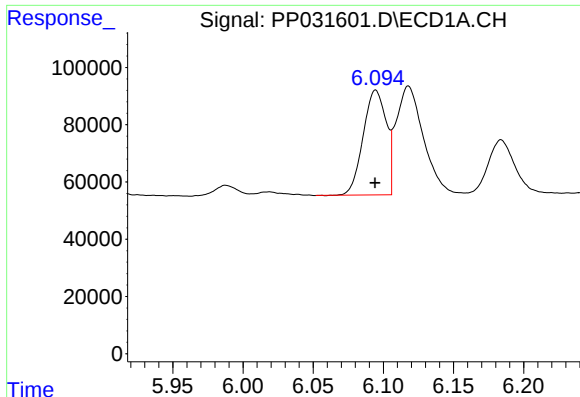
#2 Decachlorobiphenyl

R.T.: 10.665 min
Delta R.T.: 0.000 min
Response: 1699809
Conc: 50.05 ng/ml



#2 Decachlorobiphenyl

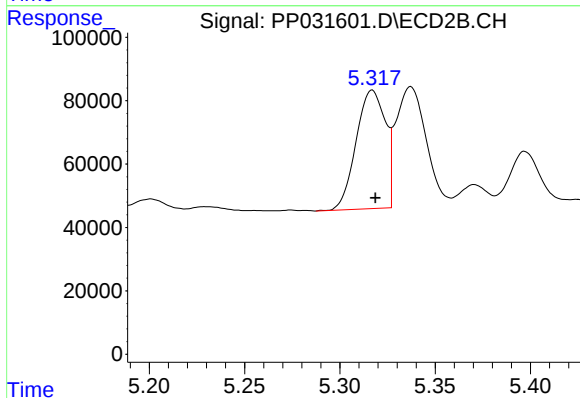
R.T.: 9.368 min
Delta R.T.: -0.003 min
Response: 1878860
Conc: 50.74 ng/ml



#3 AR-1016-1

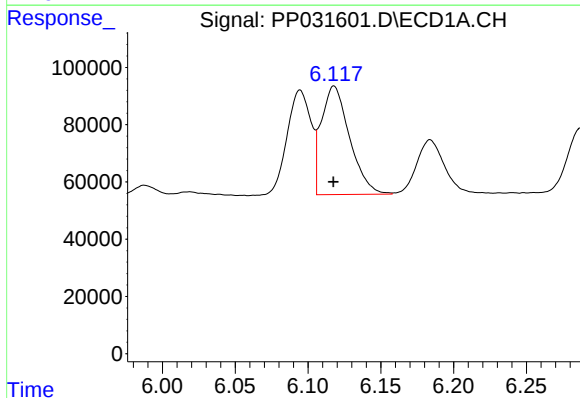
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 417375
Conc: 275.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



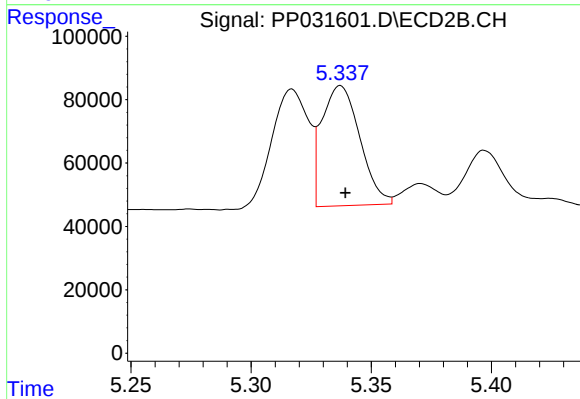
#3 AR-1016-1

R.T.: 5.317 min
Delta R.T.: -0.002 min
Response: 398095
Conc: 269.40 ng/ml



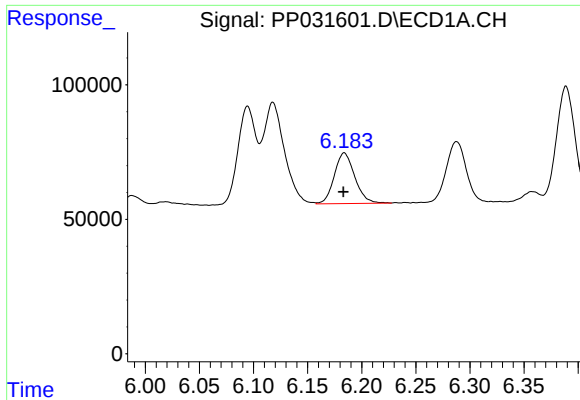
#4 AR-1016-2

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 513399
Conc: 227.37 ng/ml



#4 AR-1016-2

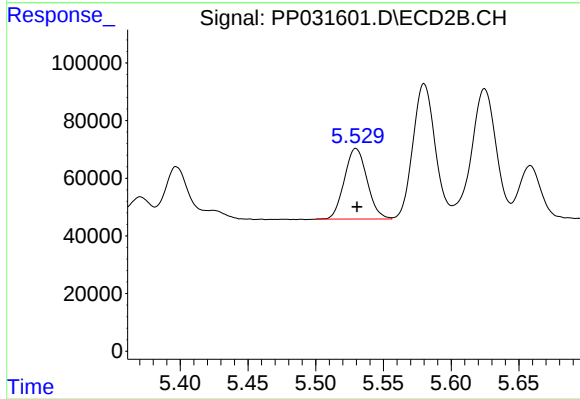
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 416538
Conc: 191.57 ng/ml



#5 AR-1016-3

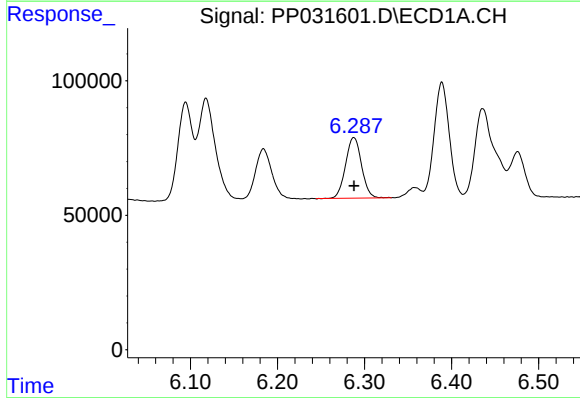
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 247873
Conc: 179.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



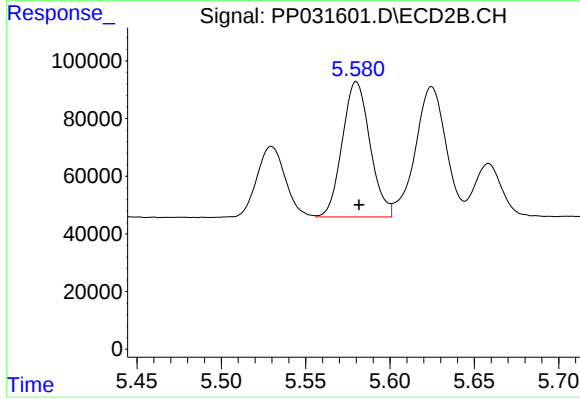
#5 AR-1016-3

R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 286349
Conc: 245.00 ng/ml



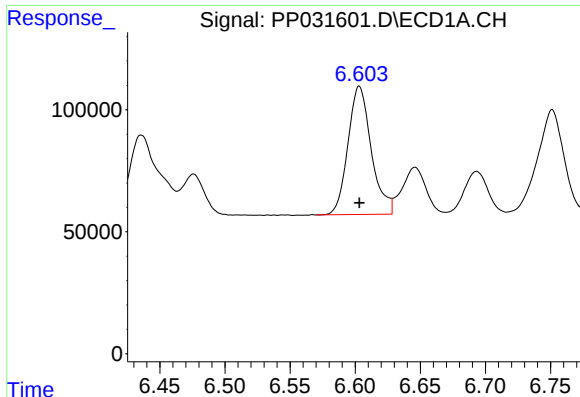
#6 AR-1016-4

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 287446
Conc: 247.37 ng/ml



#6 AR-1016-4

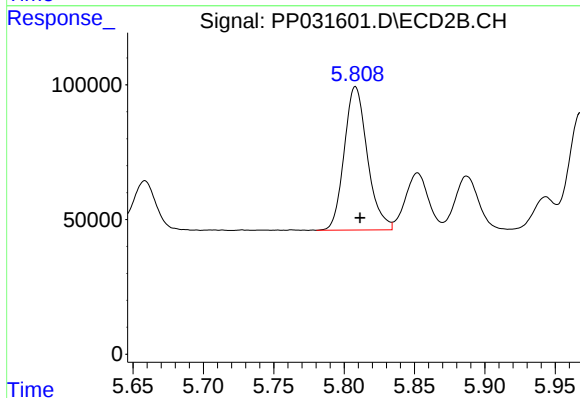
R.T.: 5.580 min
Delta R.T.: -0.002 min
Response: 538319
Conc: 616.71 ng/ml



#7 AR-1016-5

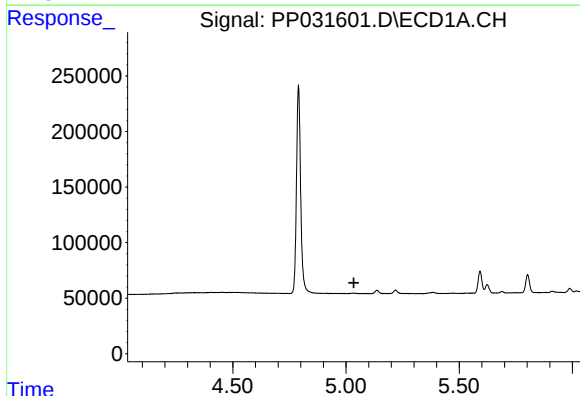
R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 653819
Conc: 593.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



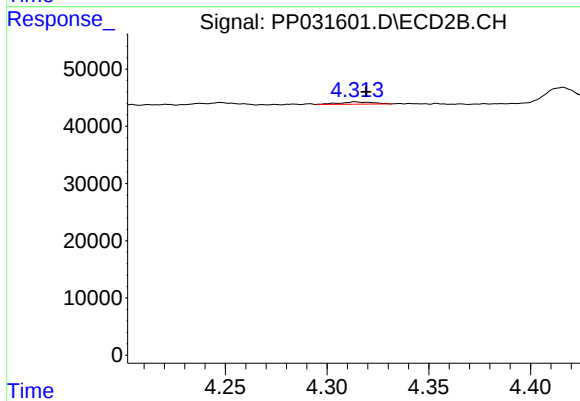
#7 AR-1016-5

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 610328
Conc: 536.60 ng/ml



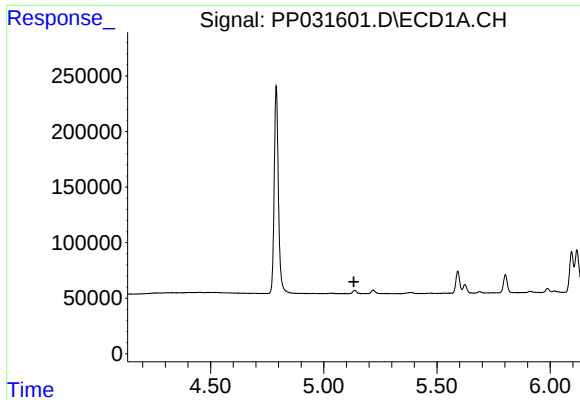
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.035 min
Response: 0
Conc: N.D.



#8 AR-1221-1

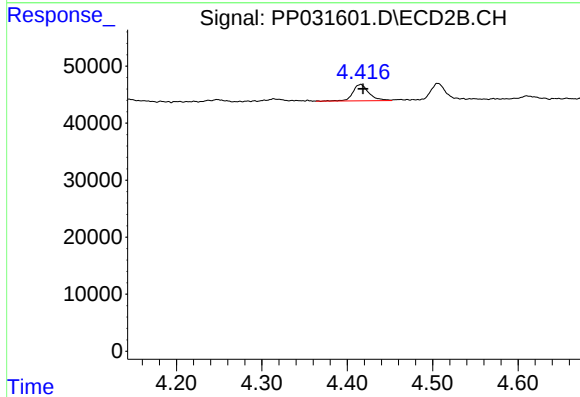
R.T.: 4.314 min
Delta R.T.: -0.005 min
Response: 4593
Conc: 9.05 ng/ml



#9 AR-1221-2

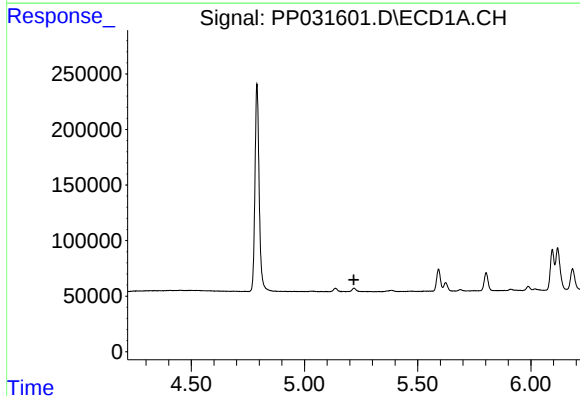
R.T.: 0.000 min
Exp R.T.: 5.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



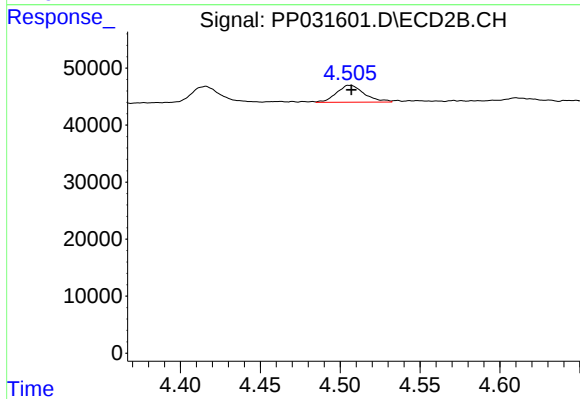
#9 AR-1221-2

R.T.: 4.416 min
Delta R.T.: -0.003 min
Response: 38120
Conc: 98.82 ng/ml



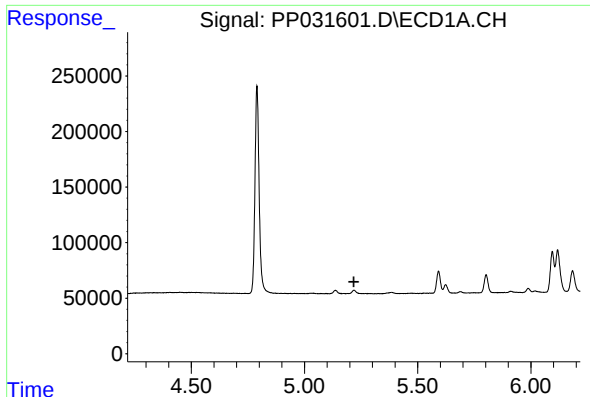
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.218 min
Response: 0
Conc: N.D.



#10 AR-1221-3

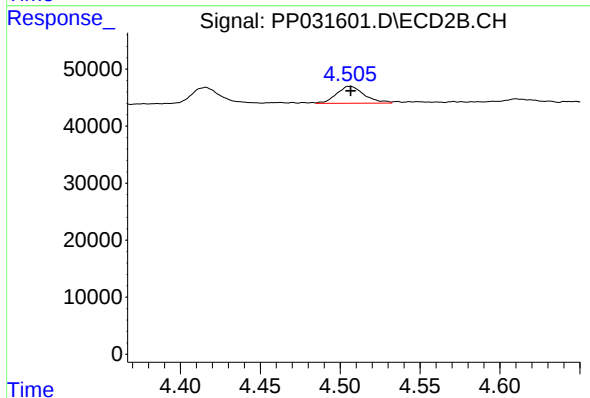
R.T.: 4.506 min
Delta R.T.: -0.002 min
Response: 36054
Conc: 29.89 ng/ml



#11 AR-1232-1

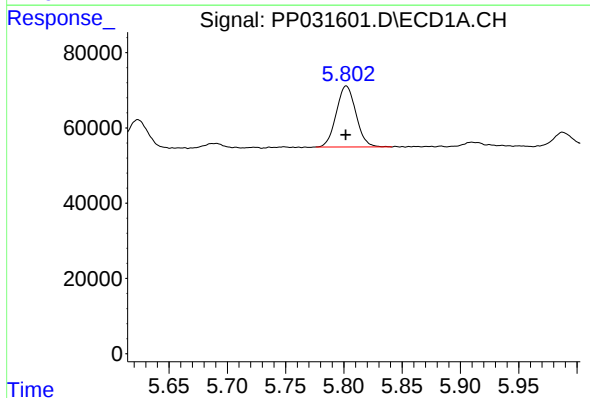
R.T.: 0.000 min
Exp R.T.: 5.218 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



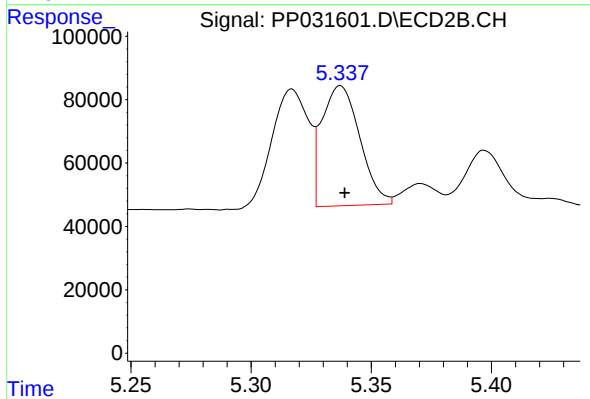
#11 AR-1232-1

R.T.: 4.506 min
Delta R.T.: -0.001 min
Response: 36054
Conc: 34.70 ng/ml



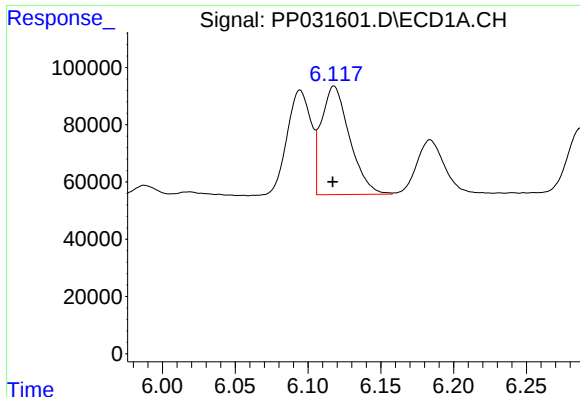
#12 AR-1232-2

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 190311
Conc: 350.95 ng/ml



#12 AR-1232-2

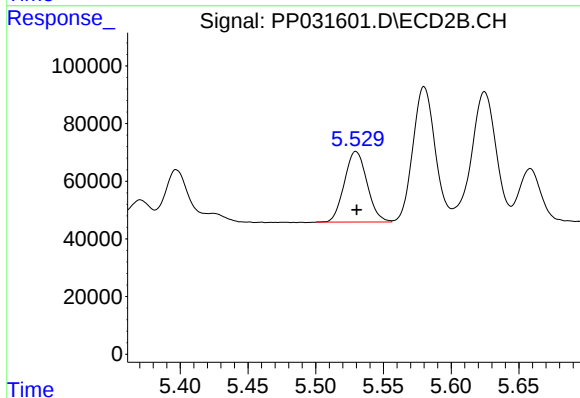
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 416538
Conc: 427.73 ng/ml



#13 AR-1232-3

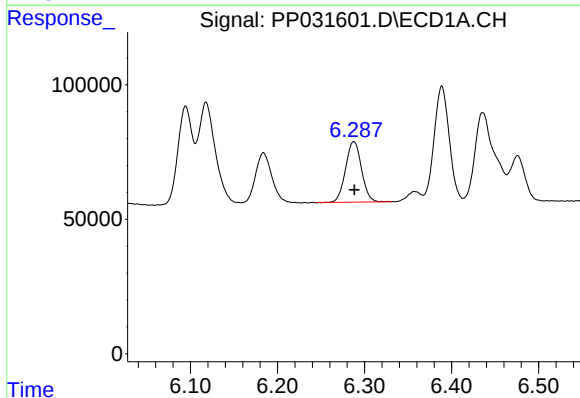
R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 513399
Conc: 508.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



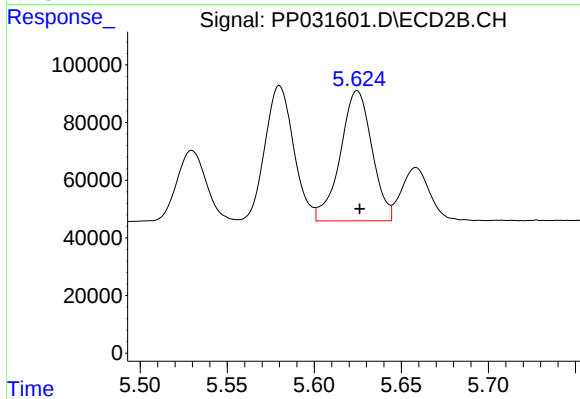
#13 AR-1232-3

R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 286349
Conc: 542.97 ng/ml



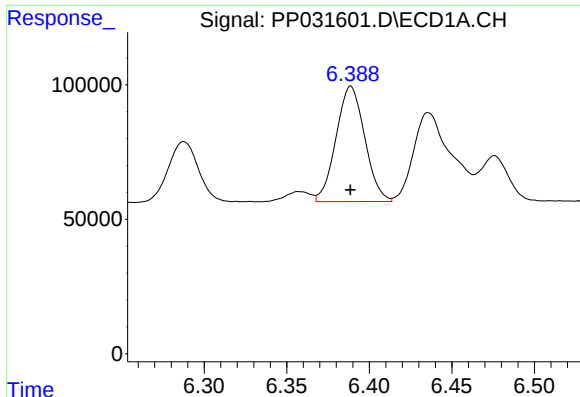
#14 AR-1232-4

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 287446
Conc: 542.12 ng/ml



#14 AR-1232-4

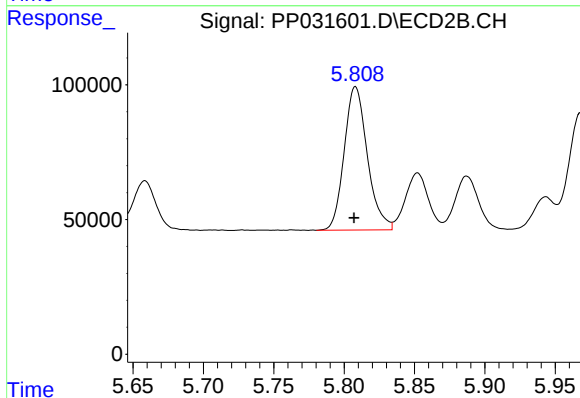
R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 571698
Conc: 1353.69 ng/ml



#15 AR-1232-5

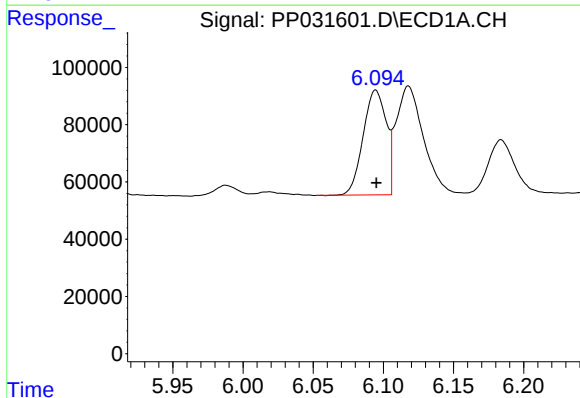
R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 518489
Conc: 1614.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



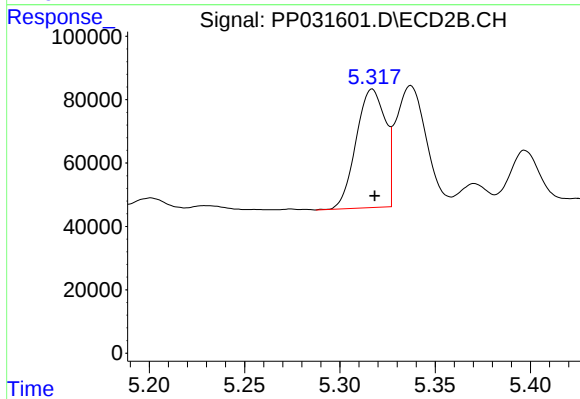
#15 AR-1232-5

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 610328
Conc: 2106.13 ng/ml



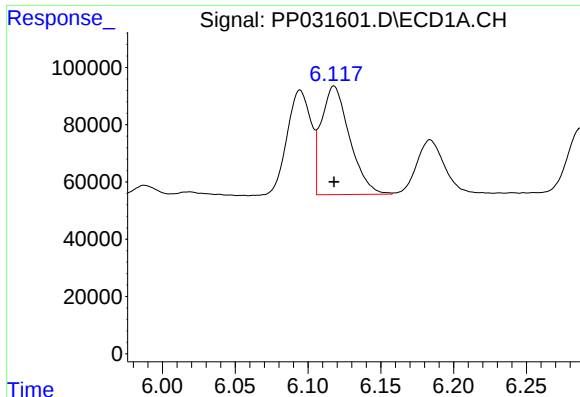
#16 AR-1242-1

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 417375
Conc: 348.77 ng/ml



#16 AR-1242-1

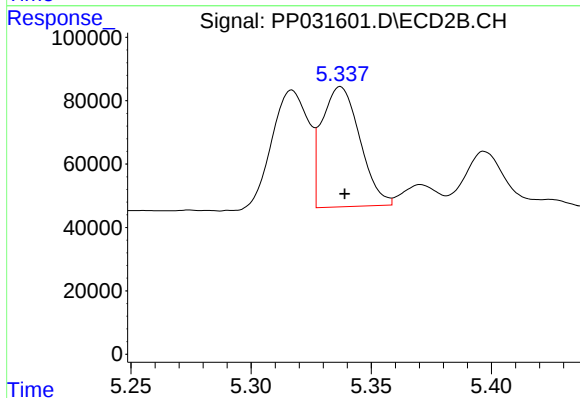
R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 398095
Conc: 348.71 ng/ml



#17 AR-1242-2

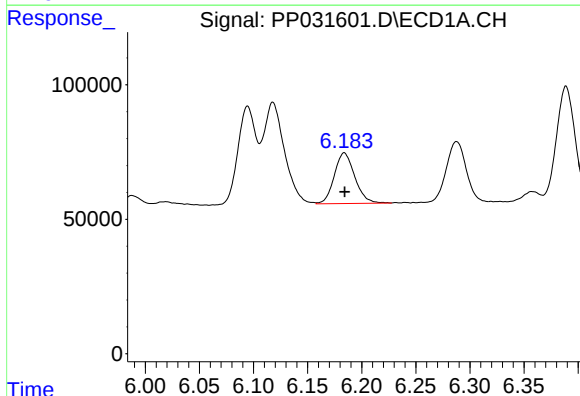
R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 513399
Conc: 288.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



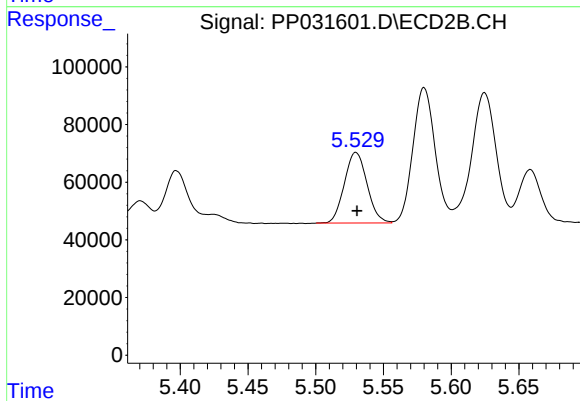
#17 AR-1242-2

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 416538
Conc: 247.68 ng/ml



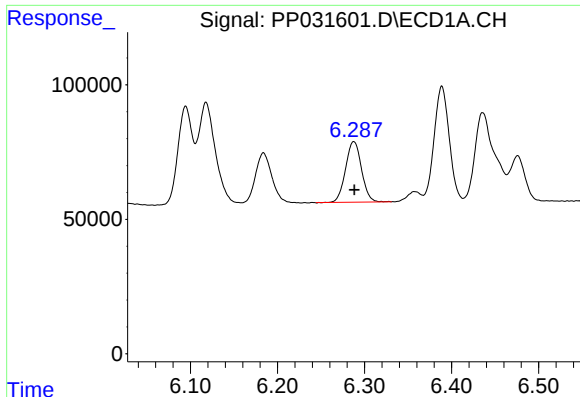
#18 AR-1242-3

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 247873
Conc: 222.62 ng/ml



#18 AR-1242-3

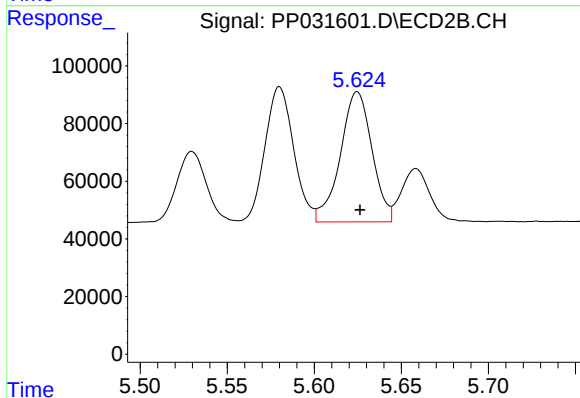
R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 286349
Conc: 313.59 ng/ml



#19 AR-1242-4

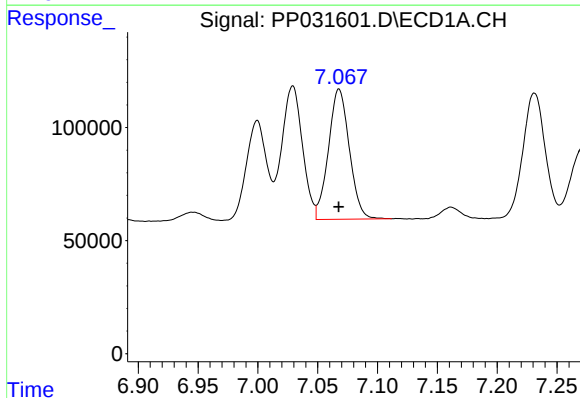
R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 287446
Conc: 311.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



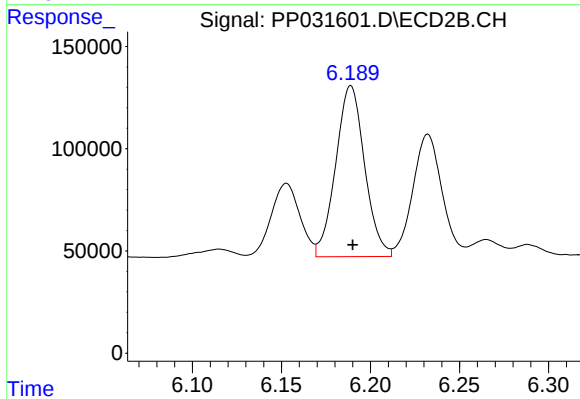
#19 AR-1242-4

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 571698
Conc: 680.59 ng/ml



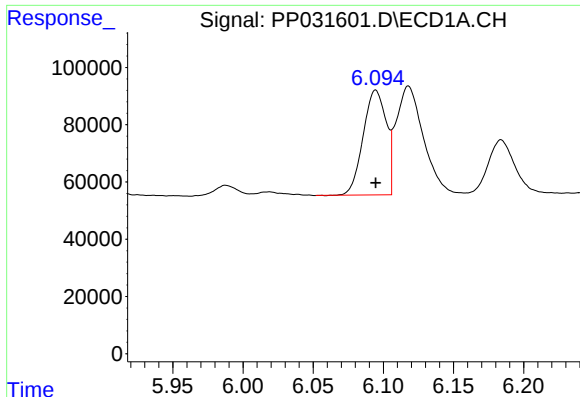
#20 AR-1242-5

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 701126
Conc: 765.31 ng/ml



#20 AR-1242-5

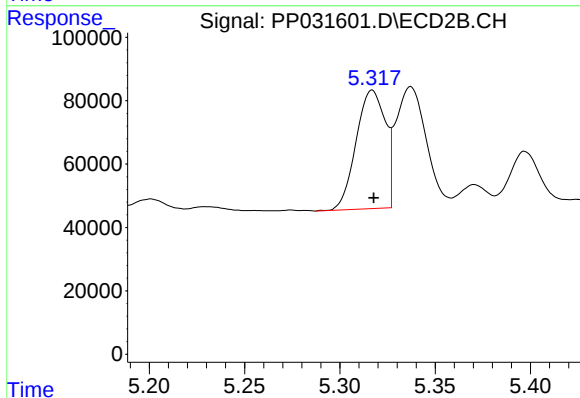
R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 944845
Conc: 915.78 ng/ml



#21 AR-1248-1

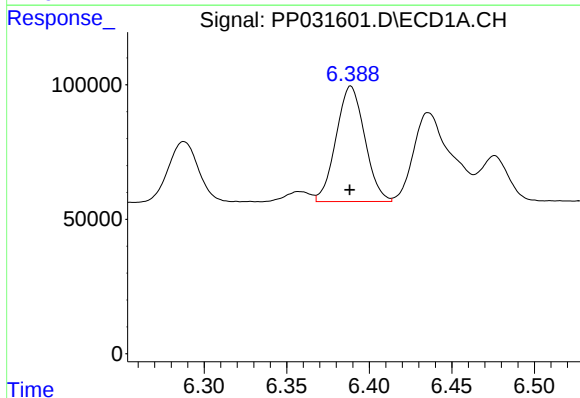
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 417375
Conc: 451.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



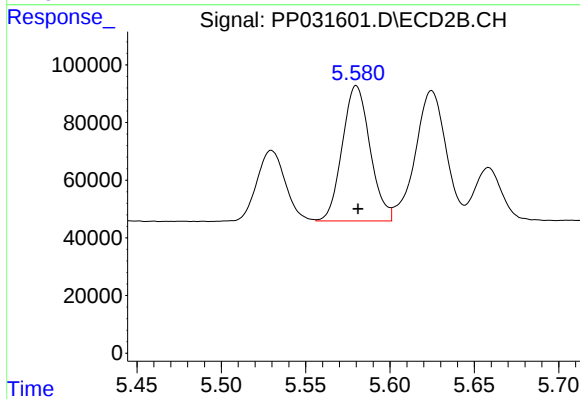
#21 AR-1248-1

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 398095
Conc: 462.20 ng/ml



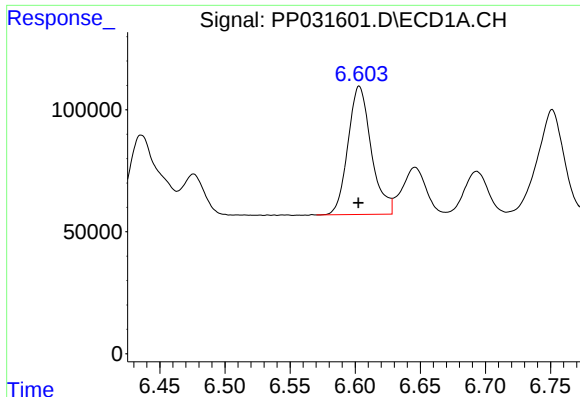
#22 AR-1248-2

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 518489
Conc: 438.34 ng/ml



#22 AR-1248-2

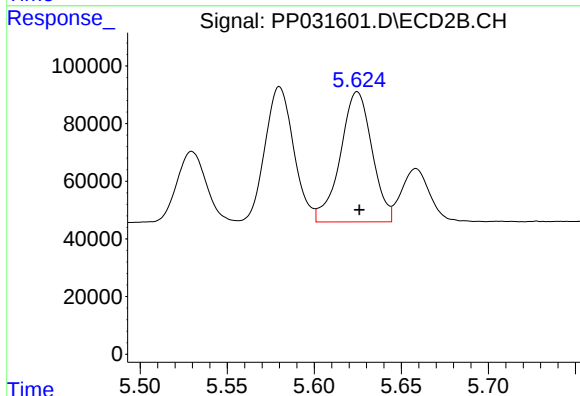
R.T.: 5.580 min
Delta R.T.: -0.001 min
Response: 538319
Conc: 450.85 ng/ml



#23 AR-1248-3

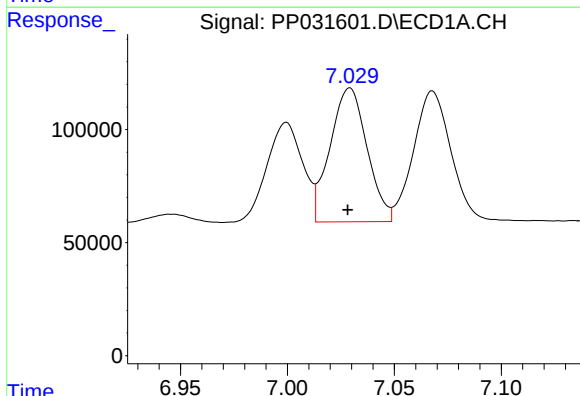
R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 653819
Conc: 446.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



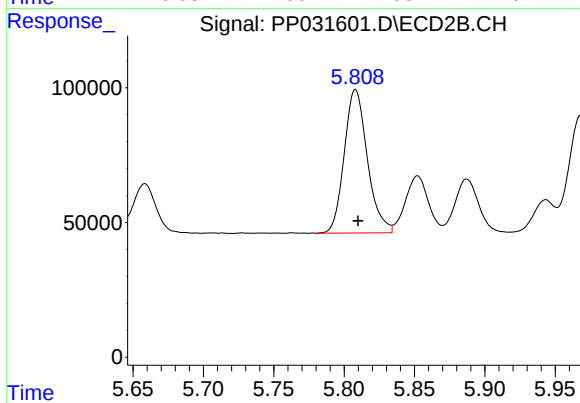
#23 AR-1248-3

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 571698
Conc: 451.68 ng/ml



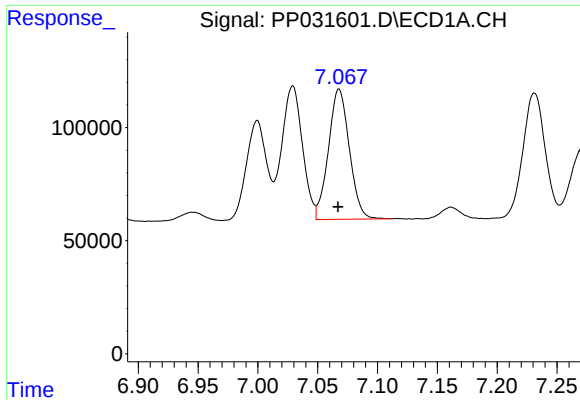
#24 AR-1248-4

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 711769
Conc: 453.88 ng/ml



#24 AR-1248-4

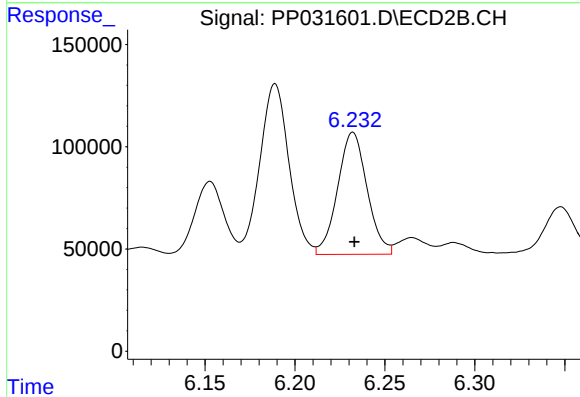
R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 610328
Conc: 398.37 ng/ml



#25 AR-1248-5

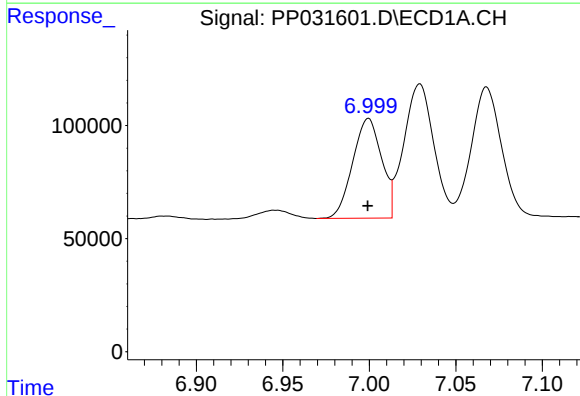
R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 701126
Conc: 441.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



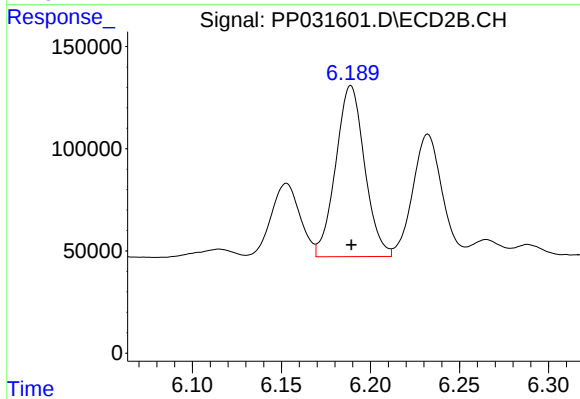
#25 AR-1248-5

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 681125
Conc: 466.84 ng/ml



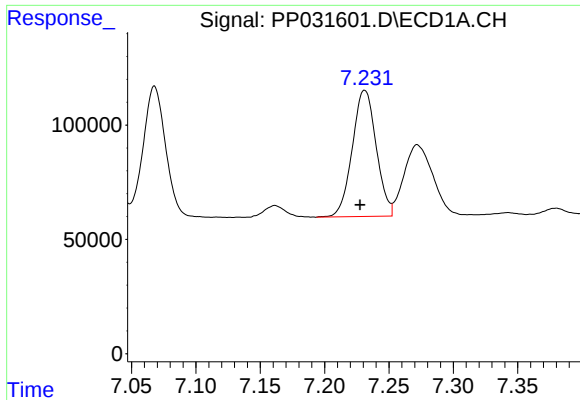
#26 AR-1254-1

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 513516
Conc: 336.98 ng/ml



#26 AR-1254-1

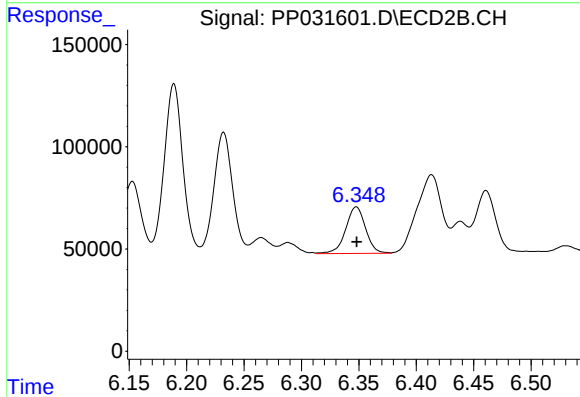
R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 944845
Conc: 436.78 ng/ml



#27 AR-1254-2

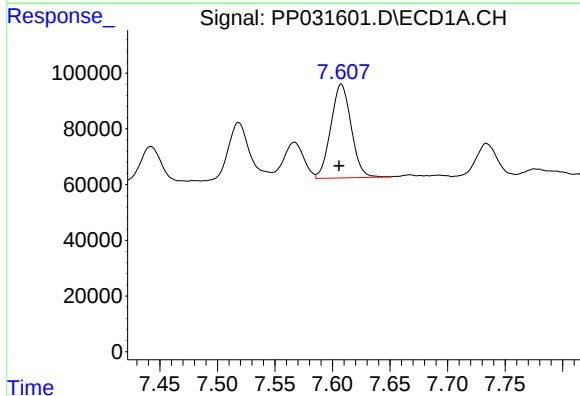
R.T.: 7.231 min
Delta R.T.: 0.004 min
Response: 715000
Conc: 307.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



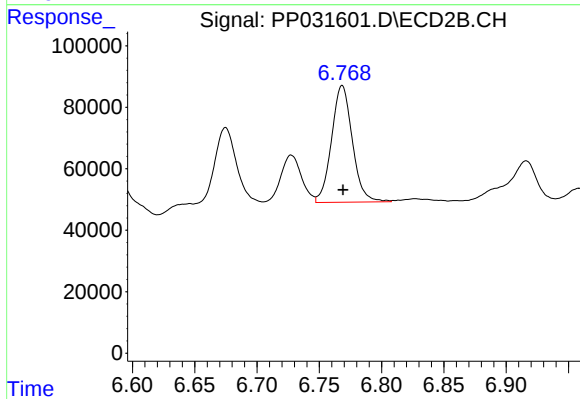
#27 AR-1254-2

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 276029
Conc: 148.17 ng/ml



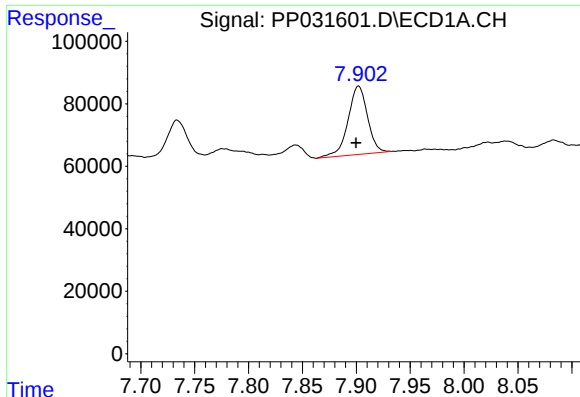
#28 AR-1254-3

R.T.: 7.608 min
Delta R.T.: 0.002 min
Response: 415336
Conc: 164.40 ng/ml



#28 AR-1254-3

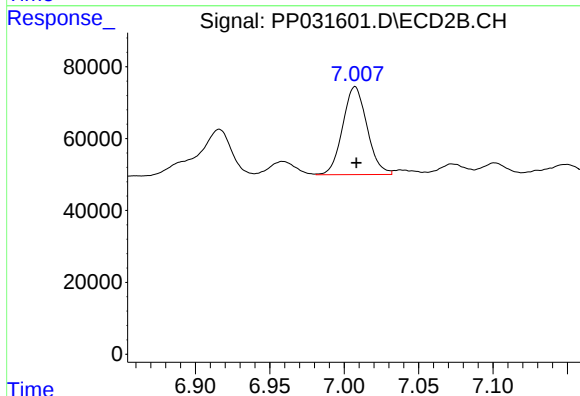
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 441245
Conc: 142.74 ng/ml



#29 AR-1254-4

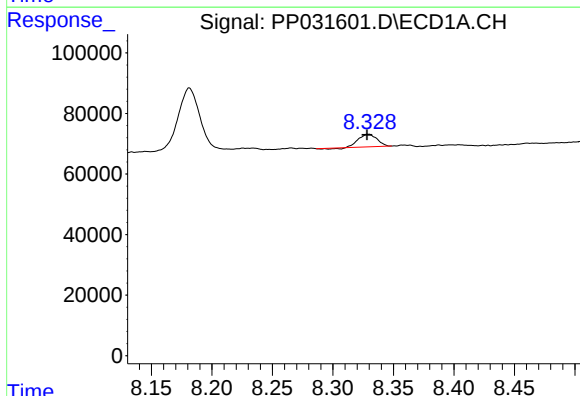
R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 275196
Conc: 162.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



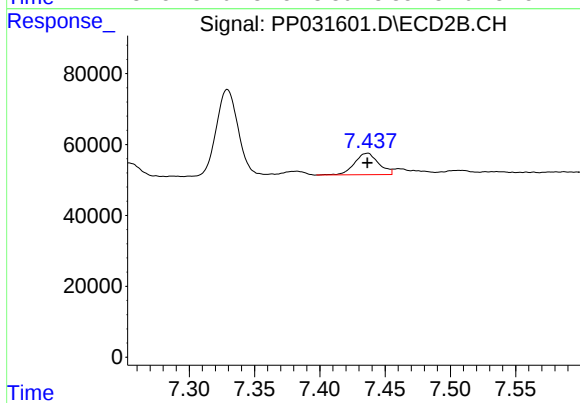
#29 AR-1254-4

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 278846
Conc: 164.13 ng/ml



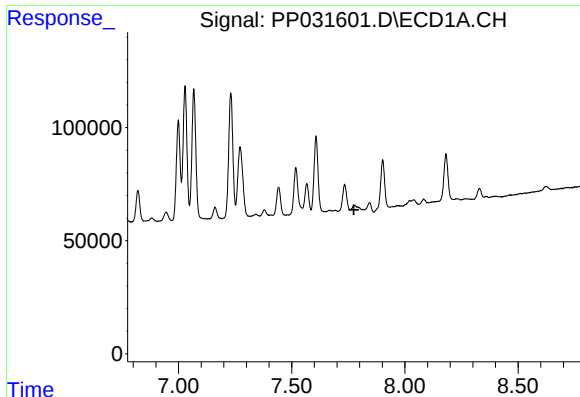
#30 AR-1254-5

R.T.: 8.329 min
Delta R.T.: 0.001 min
Response: 43229
Conc: 23.12 ng/ml



#30 AR-1254-5

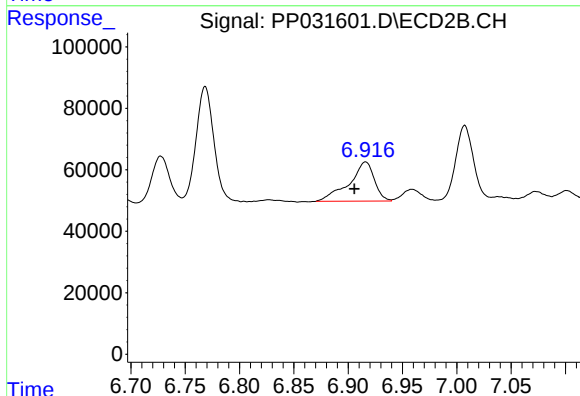
R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 77607
Conc: 28.75 ng/ml



#31 AR-1260-1

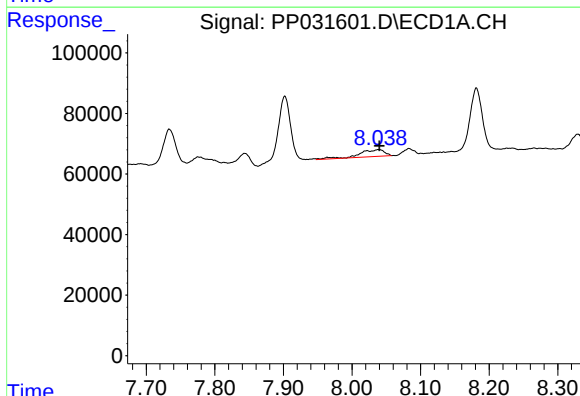
R.T.: 0.000 min
Exp R.T.: 7.775 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



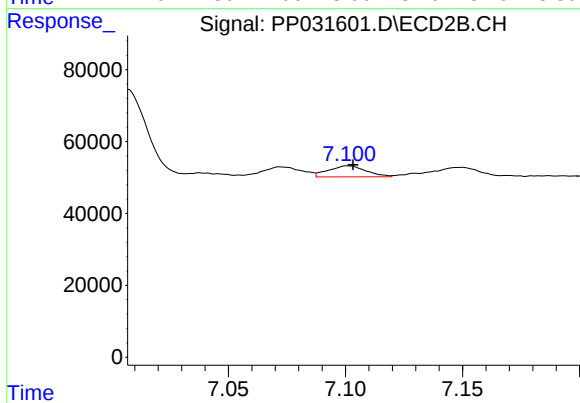
#31 AR-1260-1

R.T.: 6.916 min
Delta R.T.: 0.010 min
Response: 206612
Conc: 104.56 ng/ml



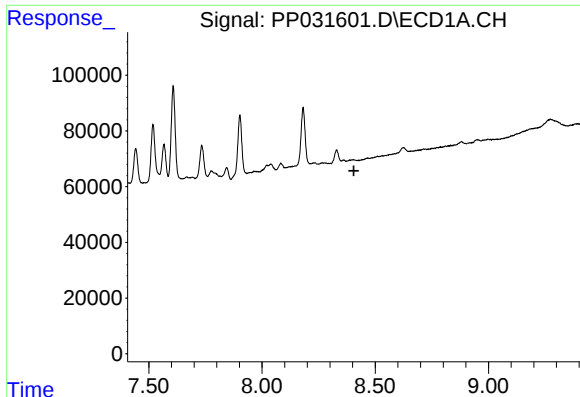
#32 AR-1260-2

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 58476
Conc: 28.46 ng/ml



#32 AR-1260-2

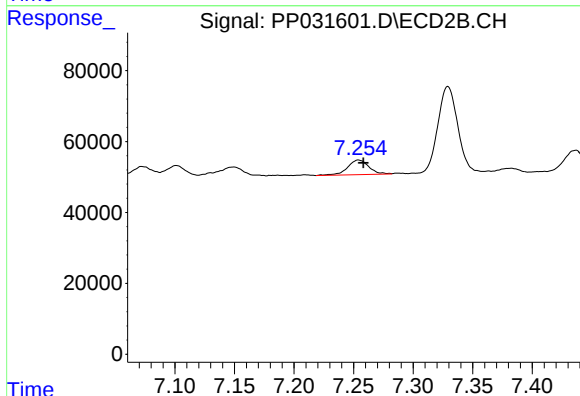
R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 34486
Conc: 14.16 ng/ml



#33 AR-1260-3

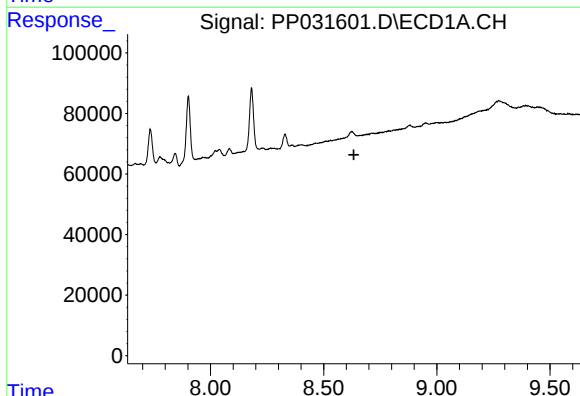
R.T.: 0.000 min
Exp R.T.: 8.406 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



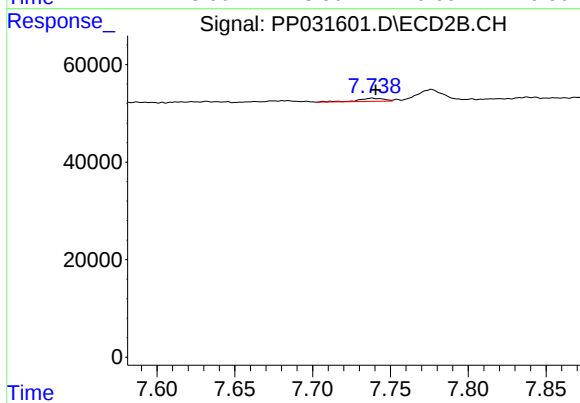
#33 AR-1260-3

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 51398
Conc: 22.51 ng/ml



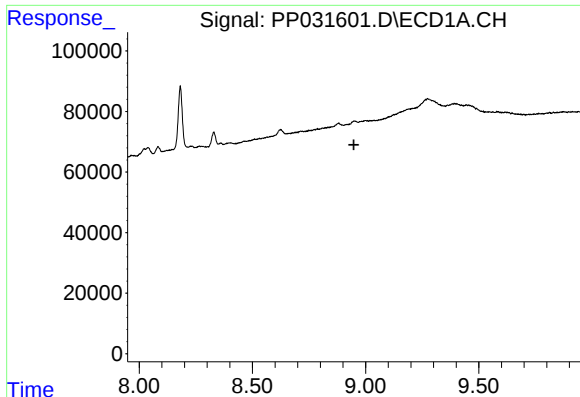
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.634 min
Response: 0
Conc: N.D.



#34 AR-1260-4

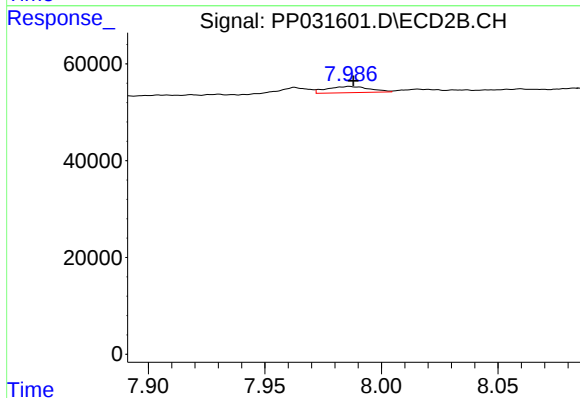
R.T.: 7.738 min
Delta R.T.: -0.002 min
Response: 7516
Conc: 3.96 ng/ml



#35 AR-1260-5

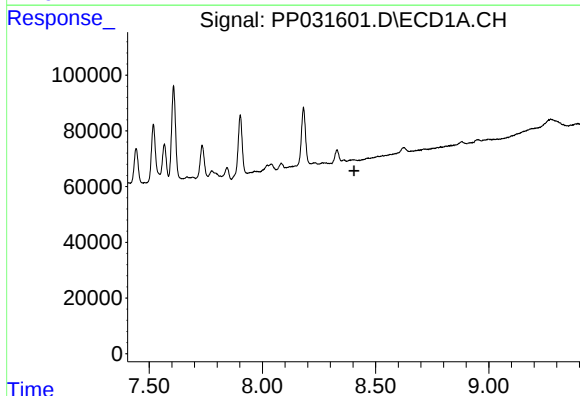
R.T.: 0.000 min
Exp R.T.: 8.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



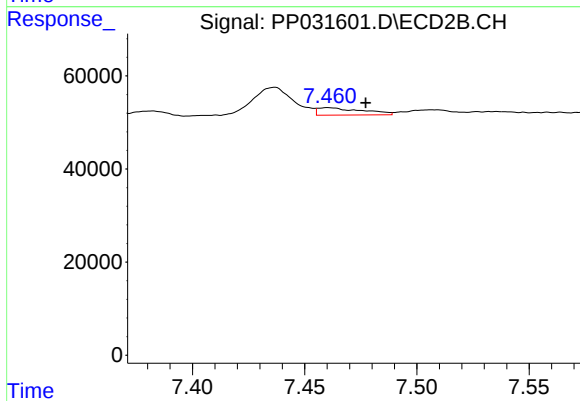
#35 AR-1260-5

R.T.: 7.986 min
Delta R.T.: -0.002 min
Response: 16267
Conc: 3.58 ng/ml



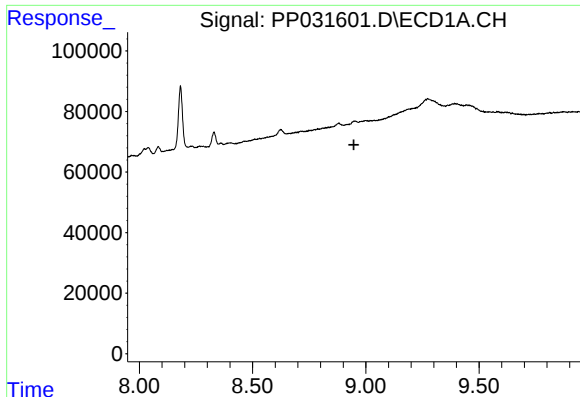
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.404 min
Response: 0
Conc: N.D.



#36 AR-1262-1

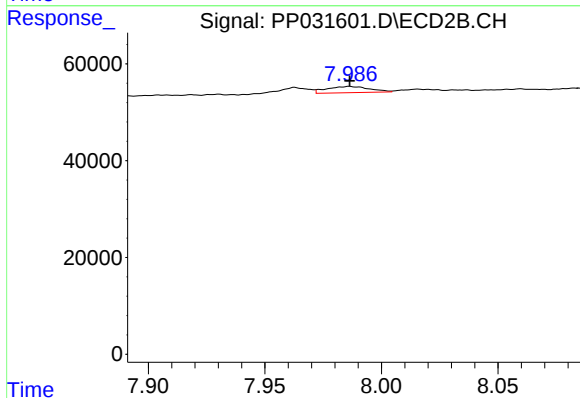
R.T.: 7.461 min
Delta R.T.: -0.017 min
Response: 21770
Conc: 8.47 ng/ml



#37 AR-1262-2

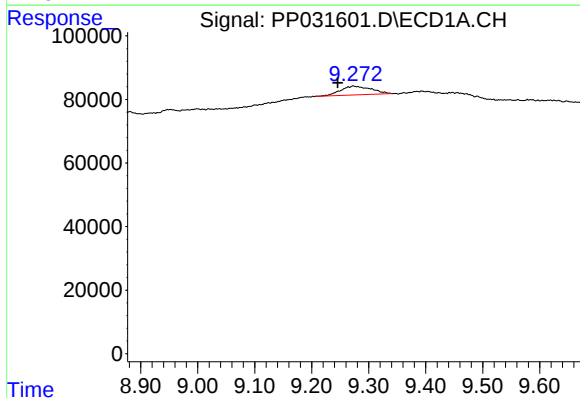
R.T.: 0.000 min
Exp R.T.: 8.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



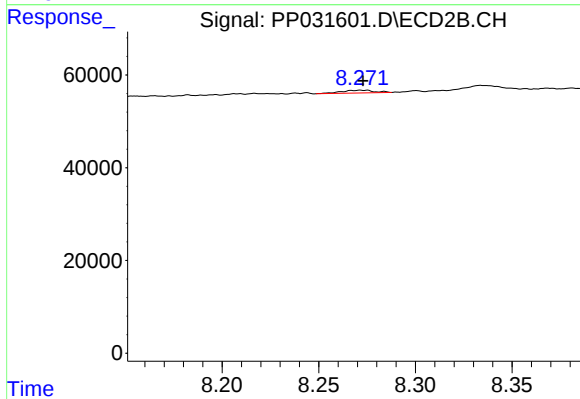
#37 AR-1262-2

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 16267
Conc: 3.61 ng/ml



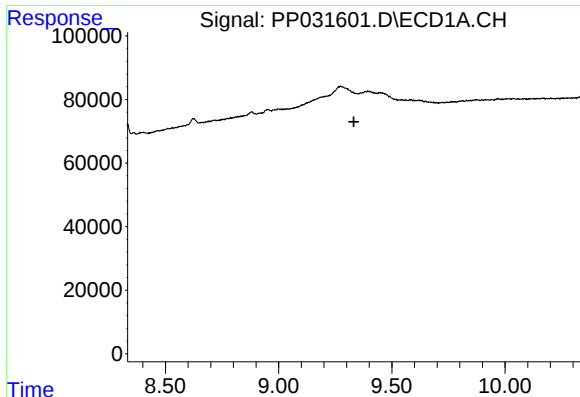
#38 AR-1262-3

R.T.: 9.273 min
Delta R.T.: 0.027 min
Response: 101251
Conc: 38.10 ng/ml



#38 AR-1262-3

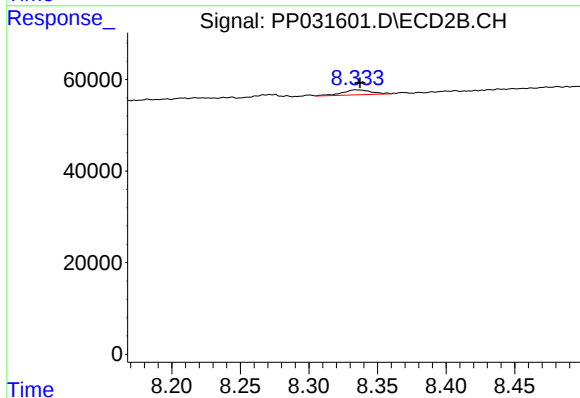
R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 7134
Conc: 4.17 ng/ml



#39 AR-1262-4

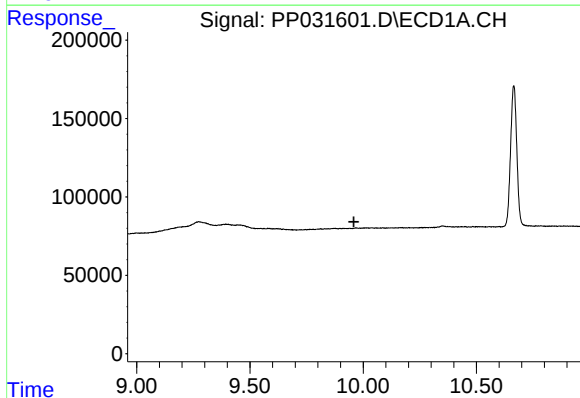
R.T.: 0.000 min
Exp R.T.: 9.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



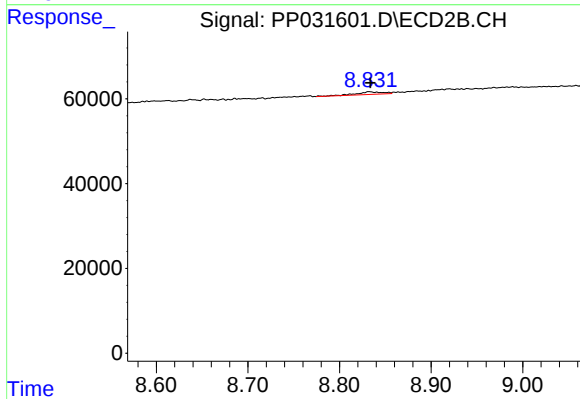
#39 AR-1262-4

R.T.: 8.334 min
Delta R.T.: -0.003 min
Response: 16221
Conc: 4.71 ng/ml



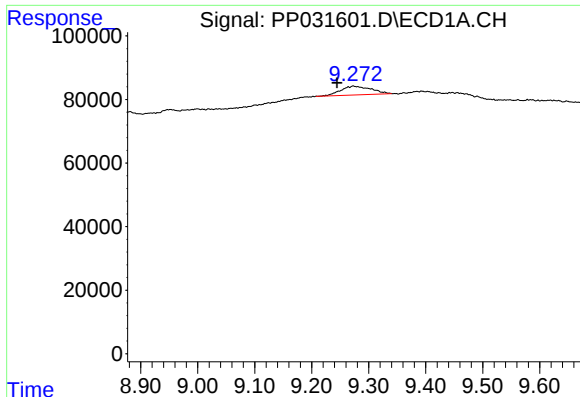
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.959 min
Response: 0
Conc: N.D.



#40 AR-1262-5

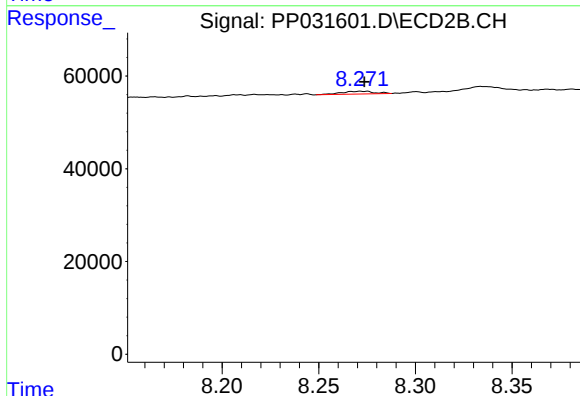
R.T.: 8.832 min
Delta R.T.: -0.001 min
Response: 12578
Conc: 7.89 ng/ml



#41 AR-1268-1

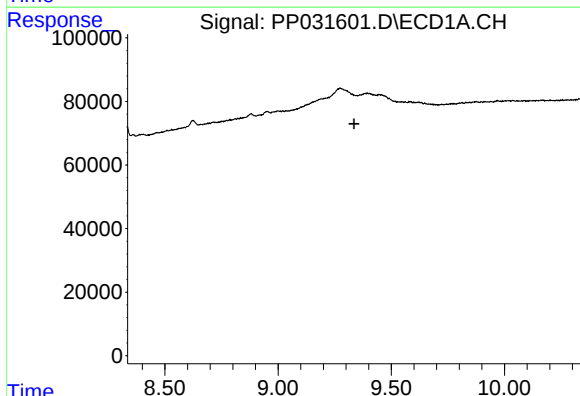
R.T.: 9.273 min
Delta R.T.: 0.028 min
Response: 101251
Conc: 21.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



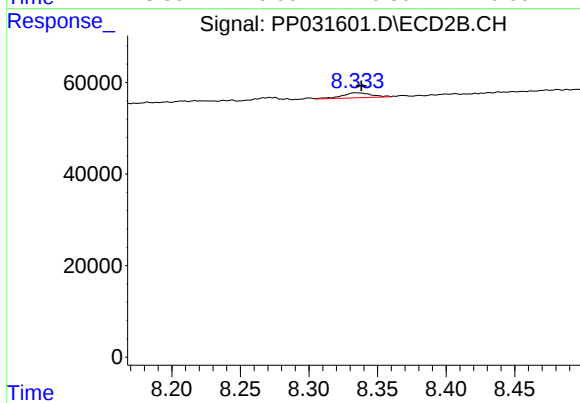
#41 AR-1268-1

R.T.: 8.272 min
Delta R.T.: -0.002 min
Response: 7134
Conc: 1.29 ng/ml



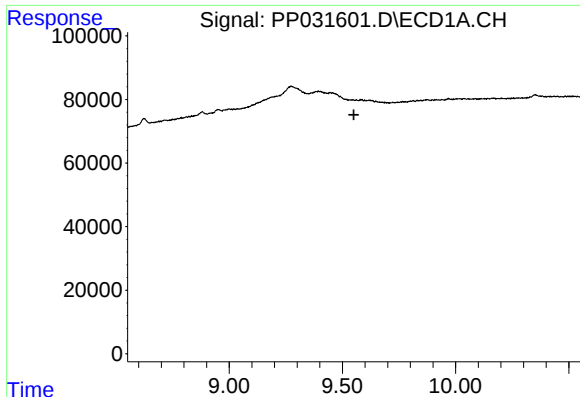
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.335 min
Response: 0
Conc: N.D.



#42 AR-1268-2

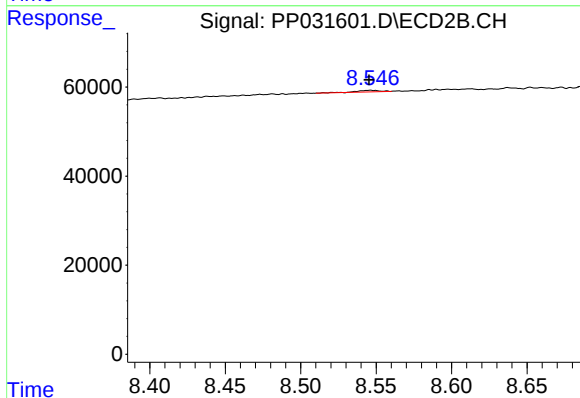
R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 16221
Conc: 3.00 ng/ml



#43 AR-1268-3

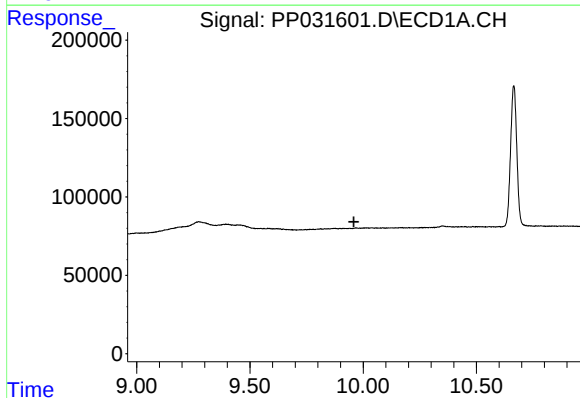
R.T.: 0.000 min
Exp R.T.: 9.550 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



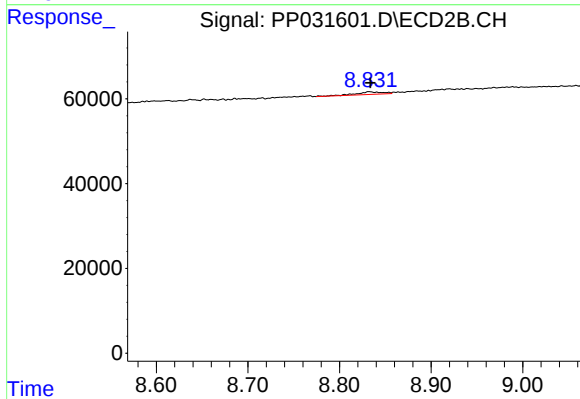
#43 AR-1268-3

R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 3560
Conc: 0.78 ng/ml



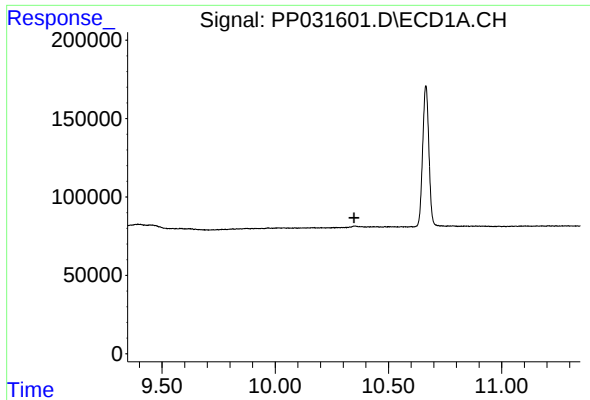
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.959 min
Response: 0
Conc: N.D.



#44 AR-1268-4

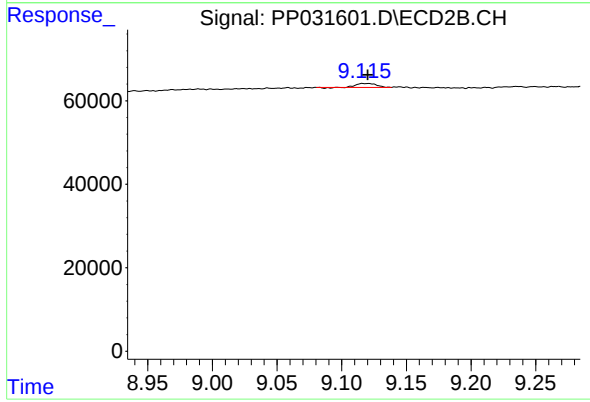
R.T.: 8.832 min
Delta R.T.: -0.001 min
Response: 12578
Conc: 6.90 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



#45 AR-1268-5

R.T.: 9.120 min
Delta R.T.: 0.000 min
Response: 9727
Conc: 0.70 ng/ml