

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112220\
 Data File : PP031537.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Nov 2020 21:55
 Operator : DD\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 05:03:23 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	2237516	2197659	46.207	45.862
2)	SA Decachlor...	10.662	9.369	1558810	1750573	45.896	47.278
Target Compounds							
3)	L1 AR-1016-1	0.000	5.317	0	17871	N.D.	12.094 #
4)	L1 AR-1016-2	0.000	5.337	0	13986	N.D.	6.432 #
5)	L1 AR-1016-3	0.000	5.532	0	8947	N.D.	7.655 #
6)	L1 AR-1016-4	0.000	5.581	0	407946	N.D.	467.351 #
7)	L1 AR-1016-5	6.602	5.810	241856	253103	219.419	222.527
9)	L2 AR-1221-2	0.000	4.415	0	26291	N.D.	68.156 #
10)	L2 AR-1221-3	0.000	4.505	0	4180	N.D.	3.465 #
11)	L3 AR-1232-1	0.000	4.505	0	4180	N.D.	4.023 #
12)	L3 AR-1232-2	0.000	5.337	0	13986	N.D.	14.362 #
13)	L3 AR-1232-3	0.000	5.532	0	8947	N.D.	16.965 #
14)	L3 AR-1232-4	0.000	5.625	0	122803	N.D.	290.777 #
15)	L3 AR-1232-5	6.388	5.810	392689	253103	1222.437	873.411 #
16)	L4 AR-1242-1	0.000	5.317	0	17871	N.D.	15.654 #
17)	L4 AR-1242-2	0.000	5.337	0	13986	N.D.	8.316 #
18)	L4 AR-1242-3	0.000	5.532	0	8947	N.D.	9.798 #
19)	L4 AR-1242-4	0.000	5.625	0	122803	N.D.	146.192 #
20)	L4 AR-1242-5	7.069	6.189	223897	978909	244.394	948.800 #
21)	L5 AR-1248-1	0.000	5.317	0	17871	N.D.	20.749 #
22)	L5 AR-1248-2	6.388	5.581	392689	407946	331.983	341.660
23)	L5 AR-1248-3	6.602	5.625	241856	122803	165.323	97.022 #
24)	L5 AR-1248-4	7.028	5.810	349567	253103	222.909	165.205 #
25)	L5 AR-1248-5	7.069	6.232	223897	119025	141.040	81.579 #
26)	L6 AR-1254-1	6.999	6.189	700701	978909	459.820	452.527
27)	L6 AR-1254-2	7.227	6.348	1050299	850691	452.240	456.628
28)	L6 AR-1254-3	7.606	6.768	1148675	1392755	454.680	450.547
29)	L6 AR-1254-4	7.900	7.008	755229	746253	445.089	439.256
30)	L6 AR-1254-5	8.327	7.436	859911	1216050	459.990	450.459
31)	L7 AR-1260-1	7.774	6.906	451381	672851	257.926	340.496 #
32)	L7 AR-1260-2	8.038	7.102	476873	545086	232.084	223.832
33)	L7 AR-1260-3	8.387f	7.255	123415	553404	75.666	242.334 #
34)	L7 AR-1260-4	8.620	7.739	331157	61555	179.845	32.395 #
35)	L7 AR-1260-5	8.946	7.986	112826	142386	30.599	31.377
36)	L8 AR-1262-1	8.387f	7.506f	123415	115640	56.816	44.985
37)	L8 AR-1262-2	8.946	7.986	112826	142386	29.820	31.604
38)	L8 AR-1262-3	9.262f	8.271	84146	15130	31.665	8.850 #
39)	L8 AR-1262-4	0.000	8.333	0	137514	N.D.	39.932 #
40)	L8 AR-1262-5	0.000	8.834	0	26479	N.D.	16.604 #
41)	L9 AR-1268-1	9.262f	8.271	84146	15130	17.510	2.734 #
42)	L9 AR-1268-2	0.000	8.333	0	137514	N.D.	25.434 #

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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
43) L9	AR-1268-3	0.000	8.546	0	4861	N.D.	1.060 #
44) L9	AR-1268-4	0.000	8.834	0	26479	N.D.	14.527 #
45) L9	AR-1268-5	0.000	9.121	0	12782	N.D.	0.923 #

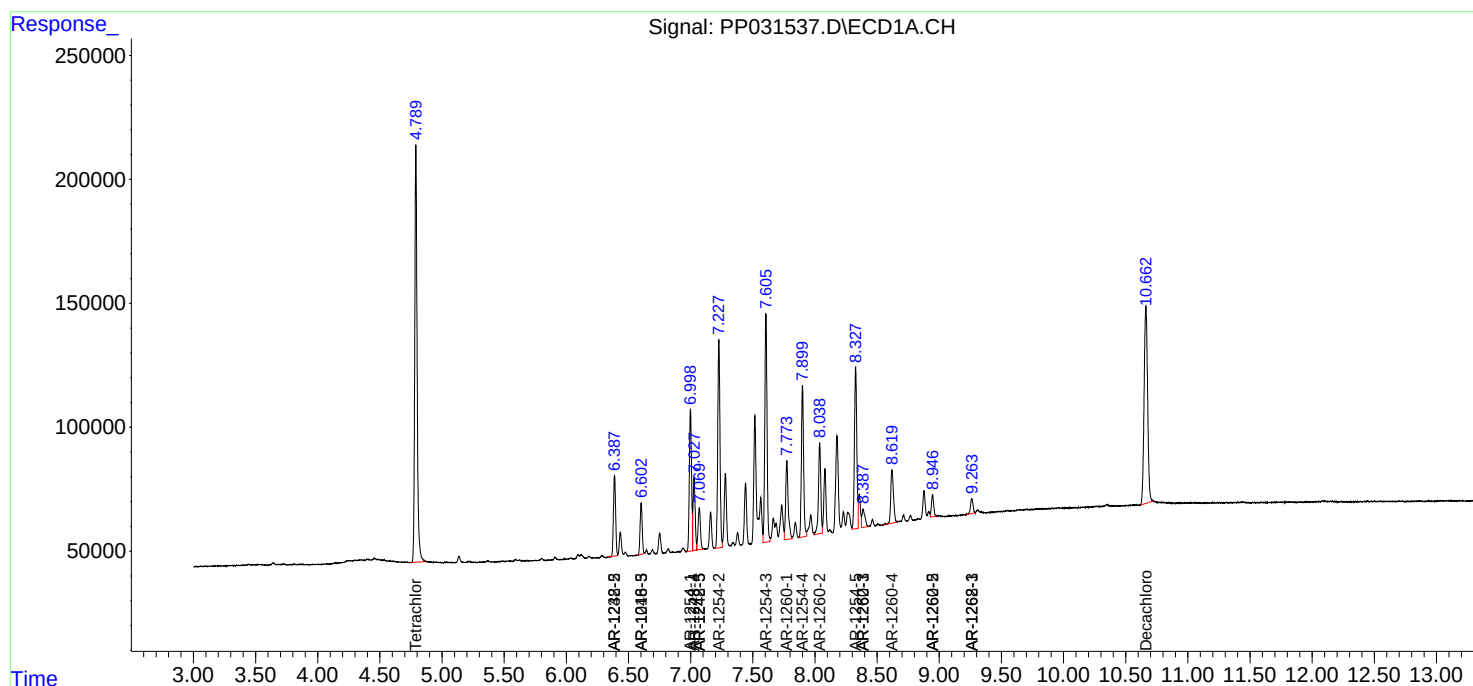
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

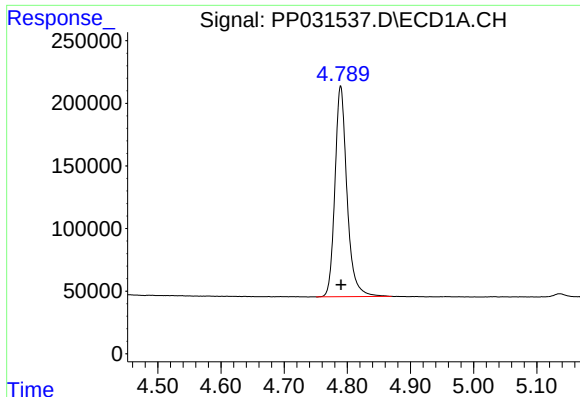
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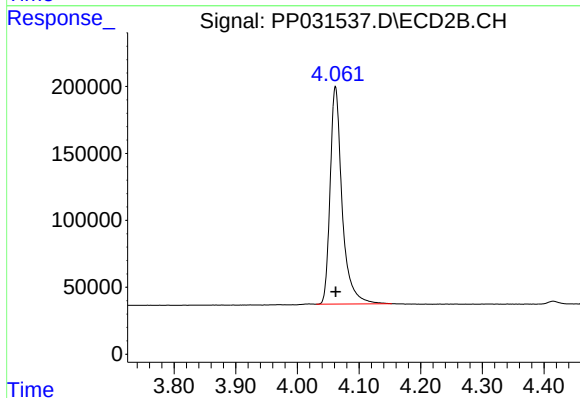




#1 Tetrachloro-m-xylene

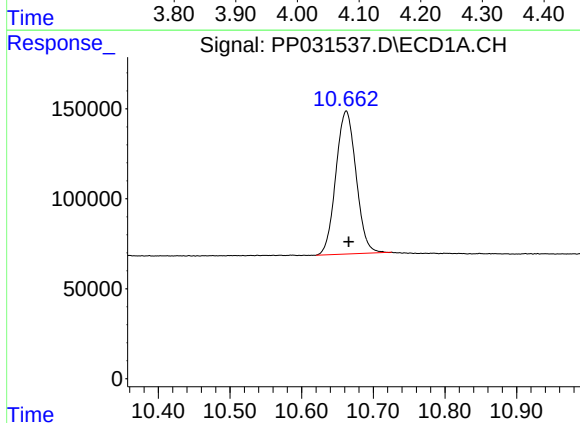
R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 2237516
Conc: 46.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



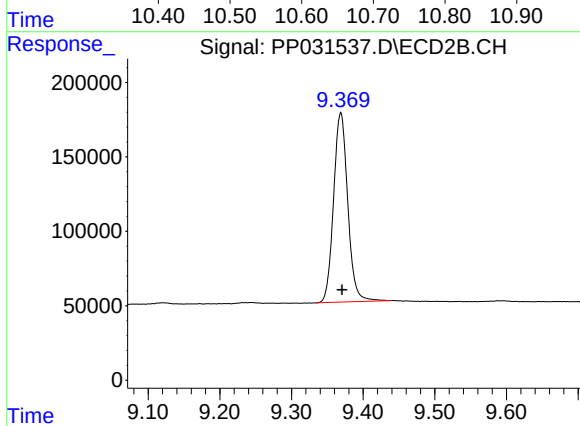
#1 Tetrachloro-m-xylene

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 2197659
Conc: 45.86 ng/ml



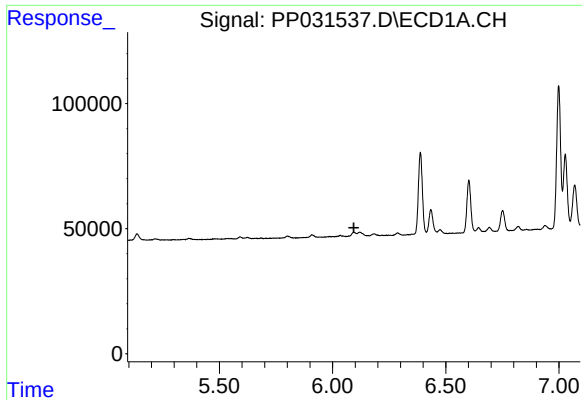
#2 Decachlorobiphenyl

R.T.: 10.662 min
Delta R.T.: -0.003 min
Response: 1558810
Conc: 45.90 ng/ml



#2 Decachlorobiphenyl

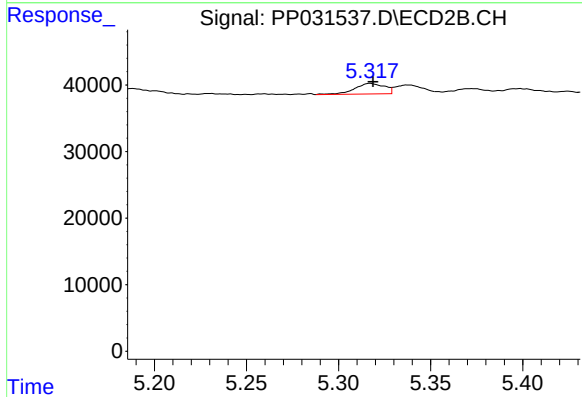
R.T.: 9.369 min
Delta R.T.: -0.002 min
Response: 1750573
Conc: 47.28 ng/ml



#3 AR-1016-1

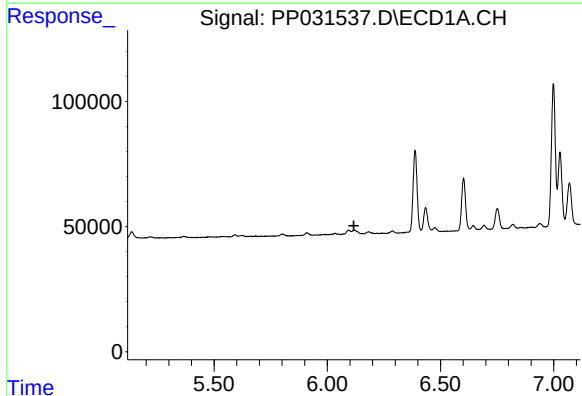
R.T.: 0.000 min
Exp R.T.: 6.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



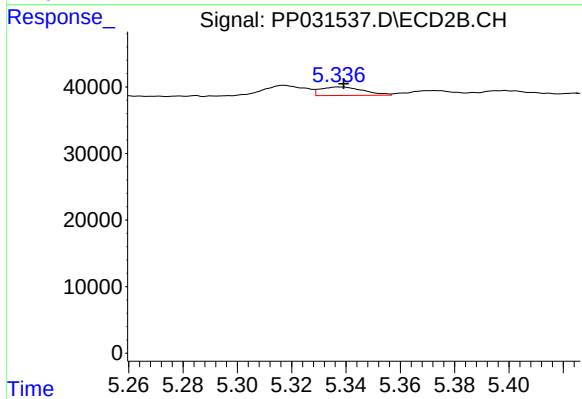
#3 AR-1016-1

R.T.: 5.317 min
Delta R.T.: -0.002 min
Response: 17871
Conc: 12.09 ng/ml



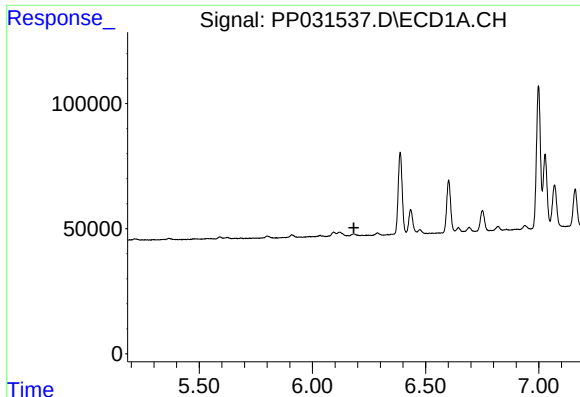
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.117 min
Response: 0
Conc: N.D.



#4 AR-1016-2

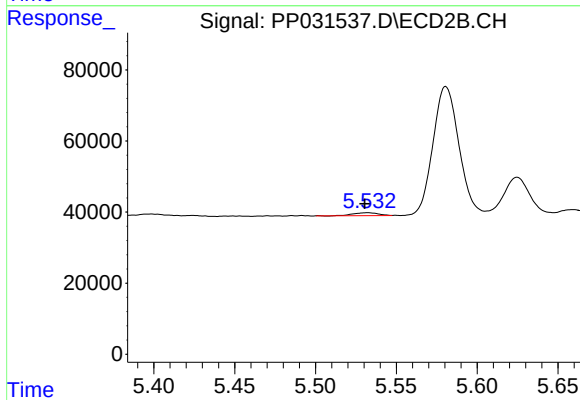
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 13986
Conc: 6.43 ng/ml



#5 AR-1016-3

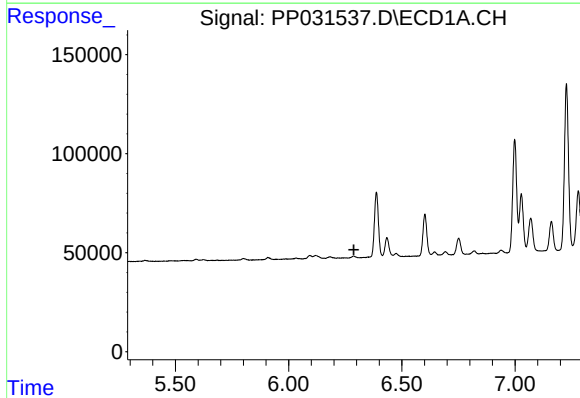
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



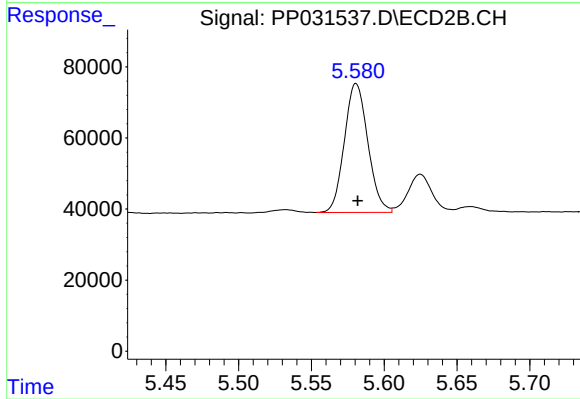
#5 AR-1016-3

R.T.: 5.532 min
Delta R.T.: 0.002 min
Response: 8947
Conc: 7.66 ng/ml



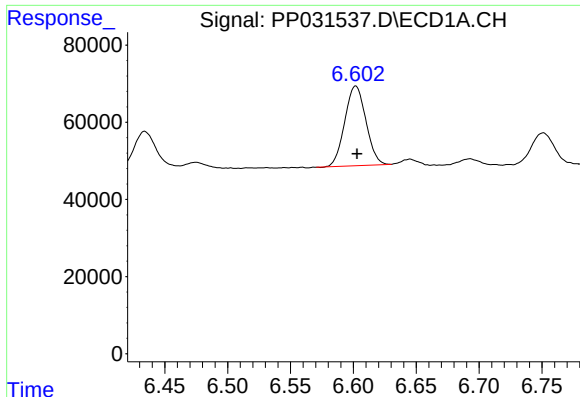
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.288 min
Response: 0
Conc: N.D.



#6 AR-1016-4

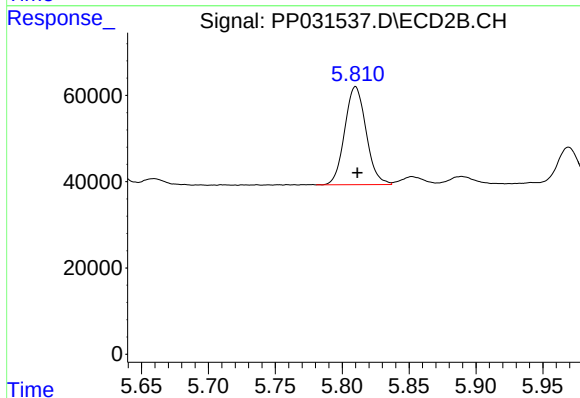
R.T.: 5.581 min
Delta R.T.: -0.001 min
Response: 407946
Conc: 467.35 ng/ml



#7 AR-1016-5

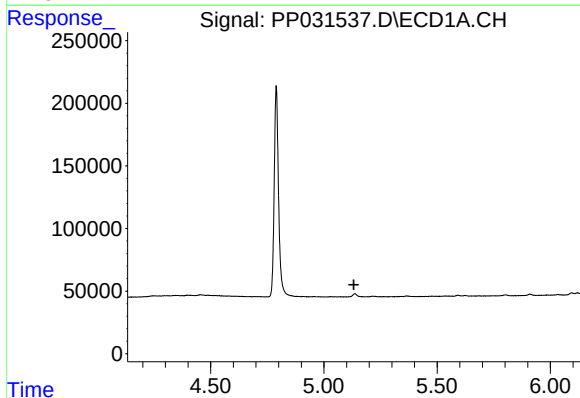
R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 241856
Conc: 219.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



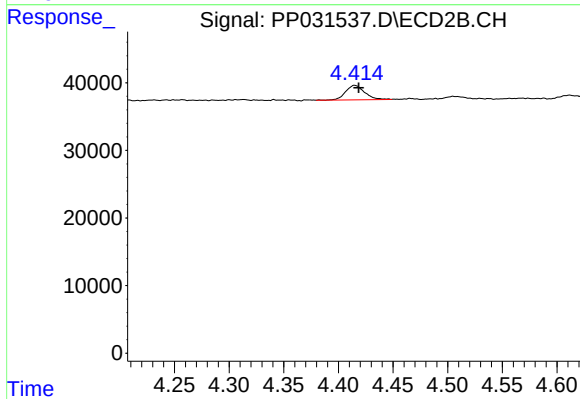
#7 AR-1016-5

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 253103
Conc: 222.53 ng/ml



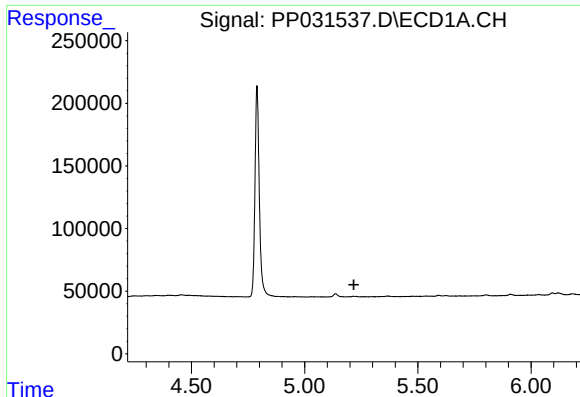
#9 AR-1221-2

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



#9 AR-1221-2

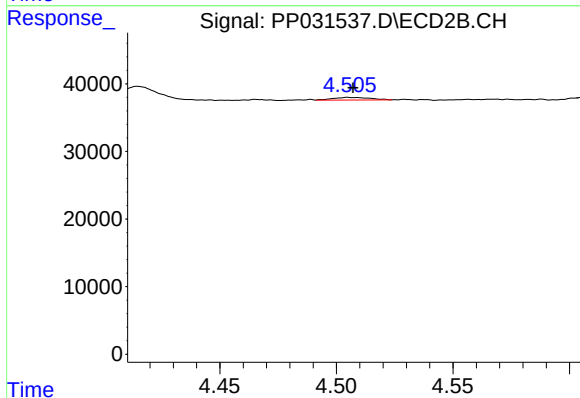
R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 26291
Conc: 68.16 ng/ml



#10 AR-1221-3

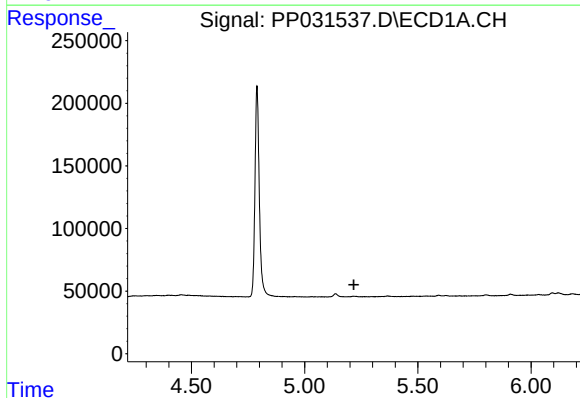
R.T.: 0.000 min
Exp R.T. : 5.218 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



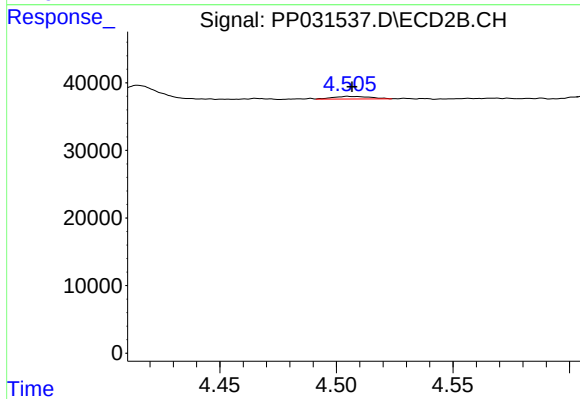
#10 AR-1221-3

R.T.: 4.505 min
Delta R.T.: -0.002 min
Response: 4180
Conc: 3.47 ng/ml



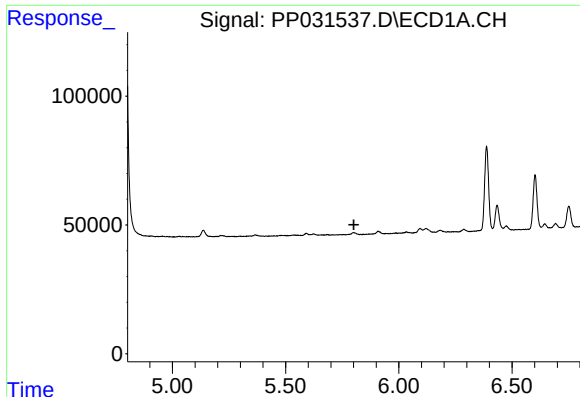
#11 AR-1232-1

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



#11 AR-1232-1

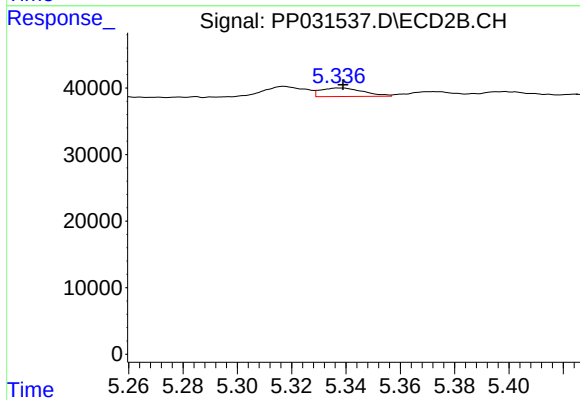
R.T.: 4.505 min
Delta R.T.: -0.002 min
Response: 4180
Conc: 4.02 ng/ml



#12 AR-1232-2

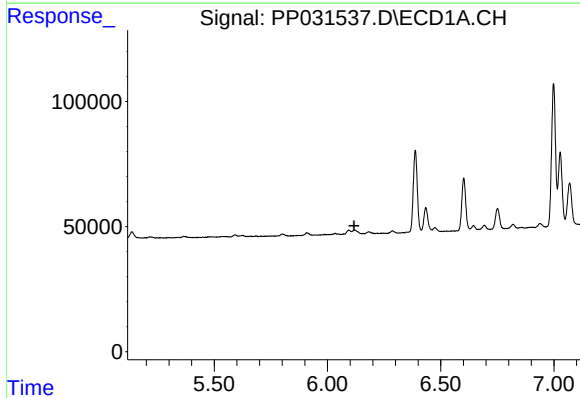
R.T.: 0.000 min
Exp R.T.: 5.802 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



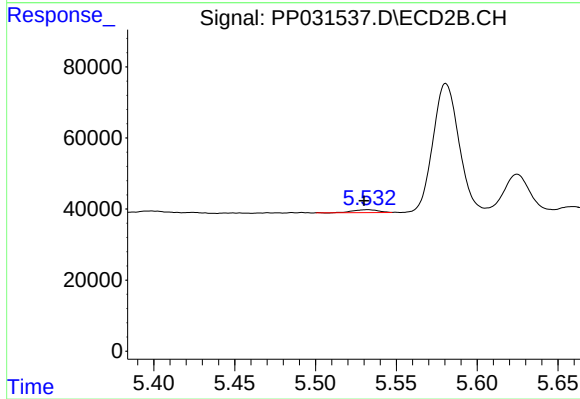
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 13986
Conc: 14.36 ng/ml



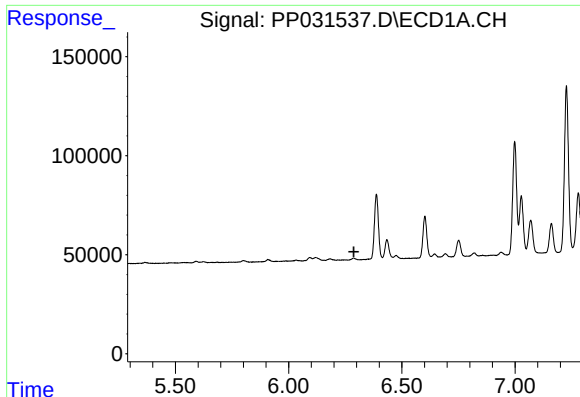
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 6.117 min
Response: 0
Conc: N.D.



#13 AR-1232-3

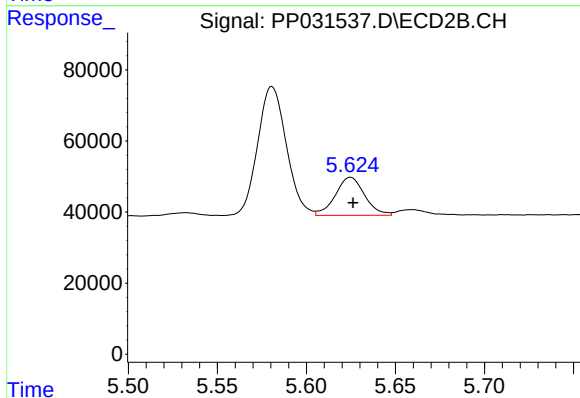
R.T.: 5.532 min
Delta R.T.: 0.002 min
Response: 8947
Conc: 16.96 ng/ml



#14 AR-1232-4

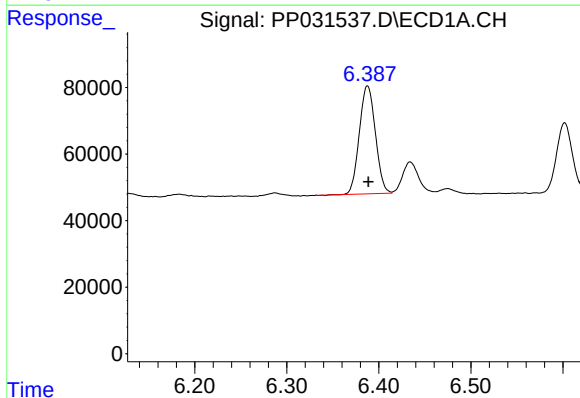
R.T.: 0.000 min
Exp R.T.: 6.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



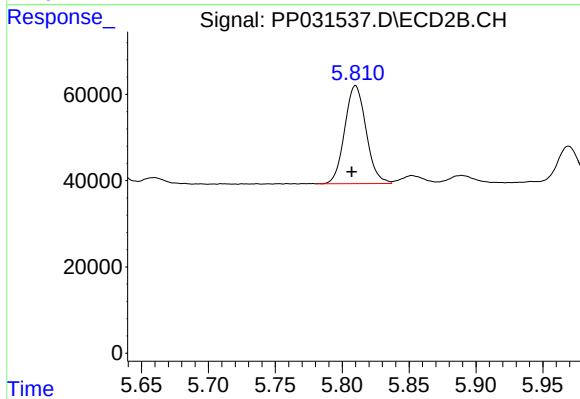
#14 AR-1232-4

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 122803
Conc: 290.78 ng/ml



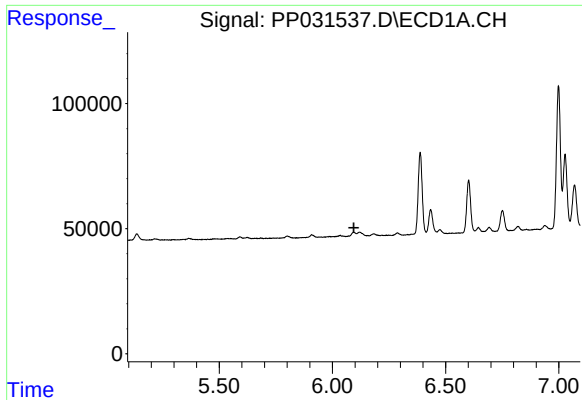
#15 AR-1232-5

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 392689
Conc: 1222.44 ng/ml



#15 AR-1232-5

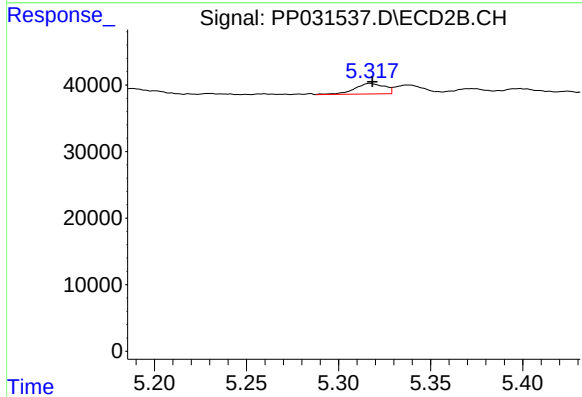
R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 253103
Conc: 873.41 ng/ml



#16 AR-1242-1

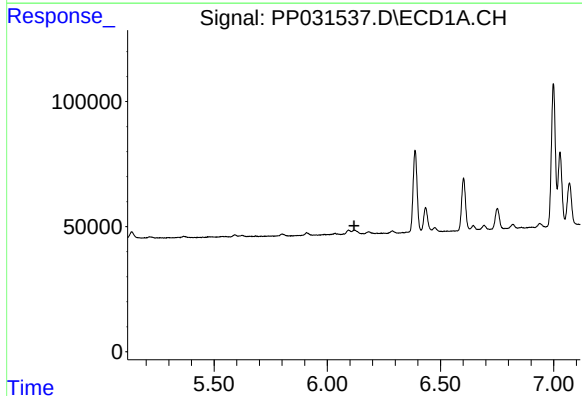
R.T.: 0.000 min
Exp R.T.: 6.095 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



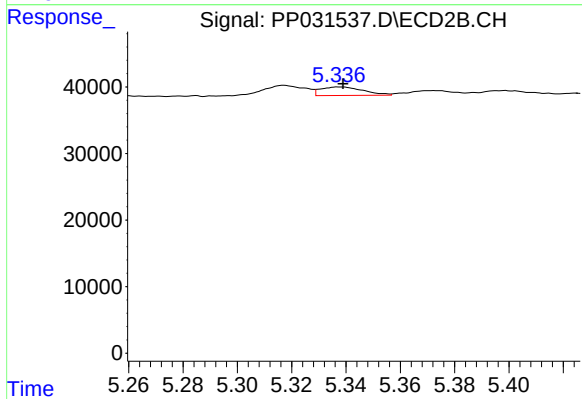
#16 AR-1242-1

R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 17871
Conc: 15.65 ng/ml



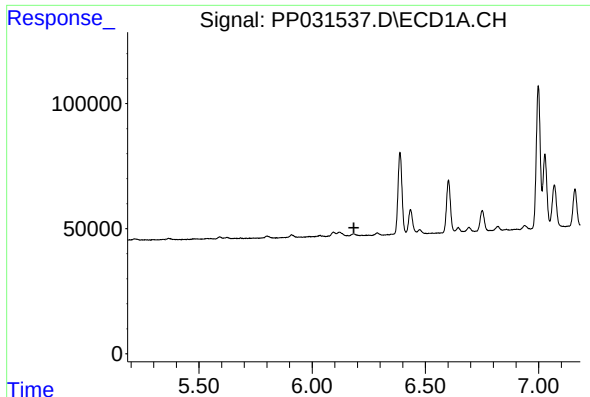
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.118 min
Response: 0
Conc: N.D.



#17 AR-1242-2

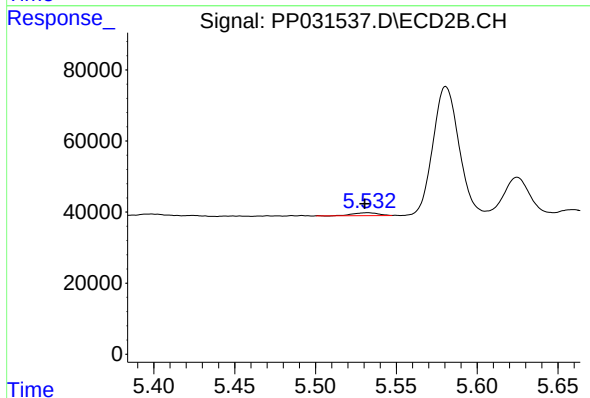
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 13986
Conc: 8.32 ng/ml



#18 AR-1242-3

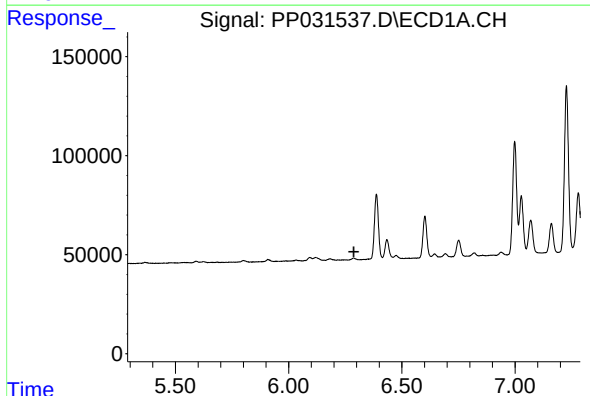
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



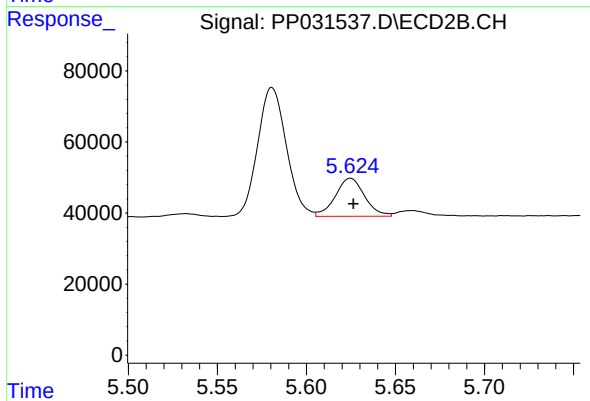
#18 AR-1242-3

R.T.: 5.532 min
Delta R.T.: 0.002 min
Response: 8947
Conc: 9.80 ng/ml



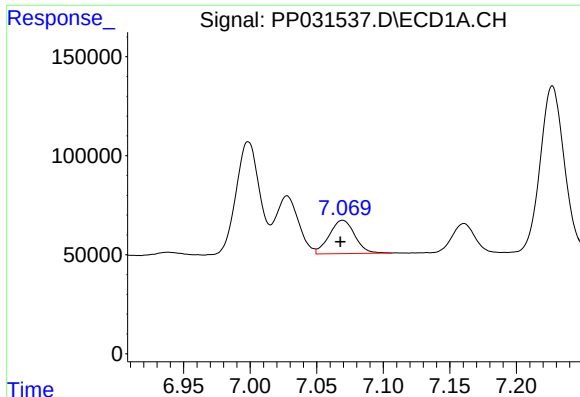
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.289 min
Response: 0
Conc: N.D.



#19 AR-1242-4

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 122803
Conc: 146.19 ng/ml



#20 AR-1242-5

R.T.: 7.069 min
Delta R.T.: 0.002 min
Response: 223897
Conc: 244.39 ng/ml

Instrument :
ECD_P
ClientSampleId :

#20 AR-1242-5

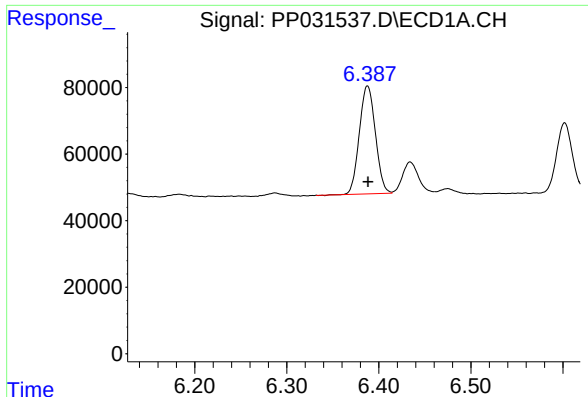
R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 978909
Conc: 948.80 ng/ml

#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.095 min
Response: 0
Conc: N.D.

#21 AR-1248-1

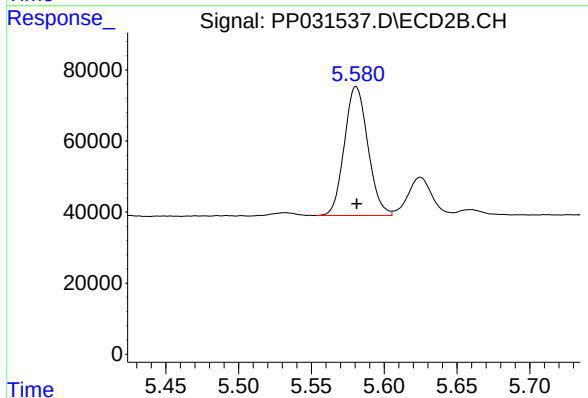
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 17871
Conc: 20.75 ng/ml



#22 AR-1248-2

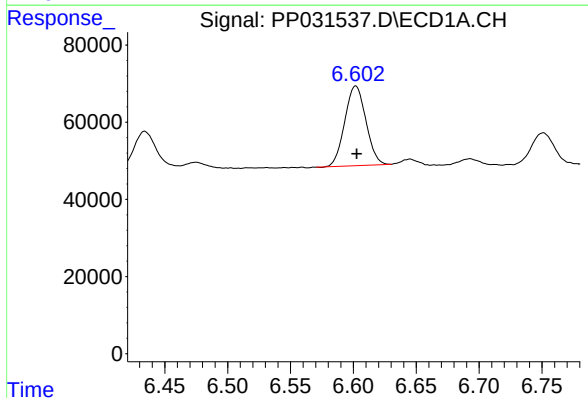
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 392689
Conc: 331.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



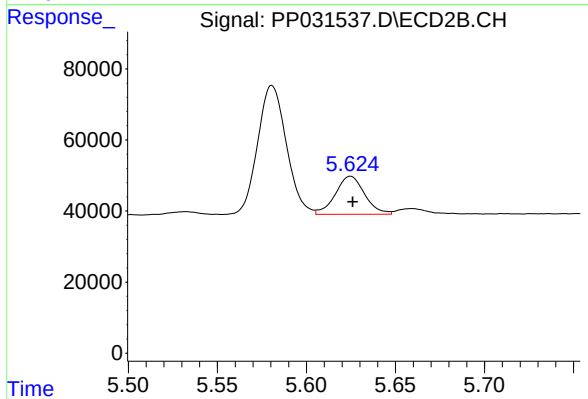
#22 AR-1248-2

R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 407946
Conc: 341.66 ng/ml



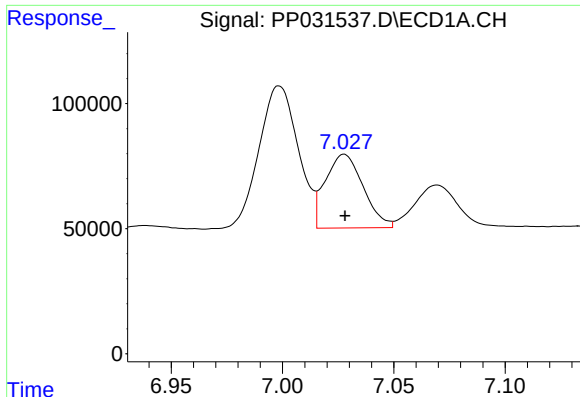
#23 AR-1248-3

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 241856
Conc: 165.32 ng/ml



#23 AR-1248-3

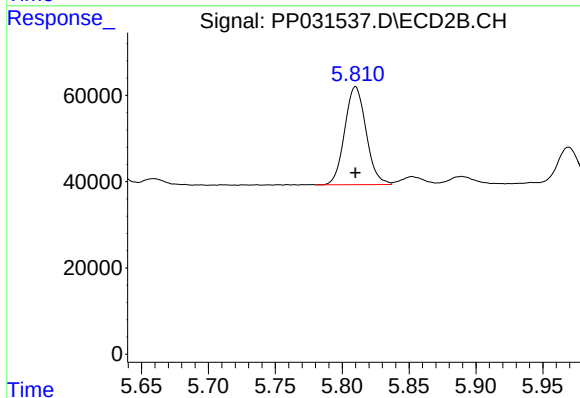
R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 122803
Conc: 97.02 ng/ml



#24 AR-1248-4

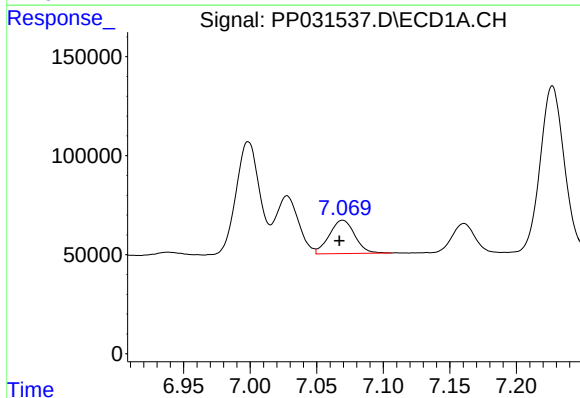
R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 349567
Conc: 222.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



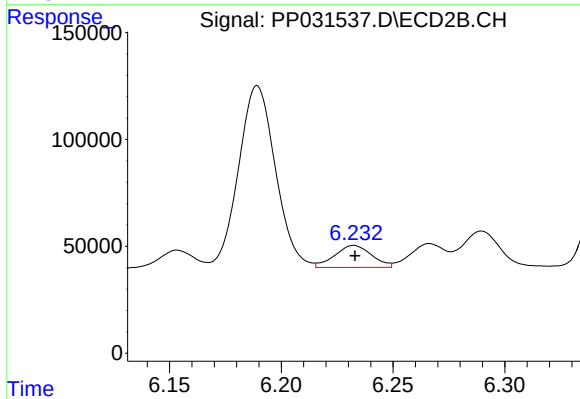
#24 AR-1248-4

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 253103
Conc: 165.20 ng/ml



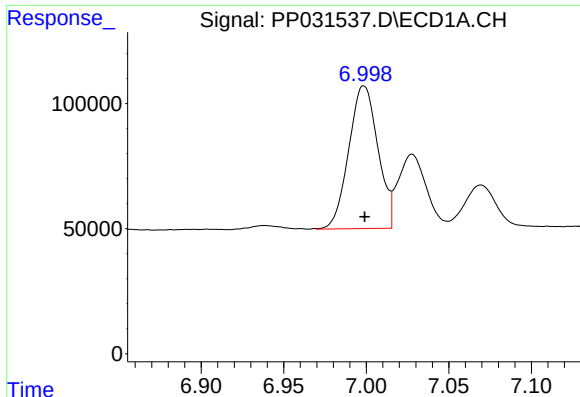
#25 AR-1248-5

R.T.: 7.069 min
Delta R.T.: 0.002 min
Response: 223897
Conc: 141.04 ng/ml



#25 AR-1248-5

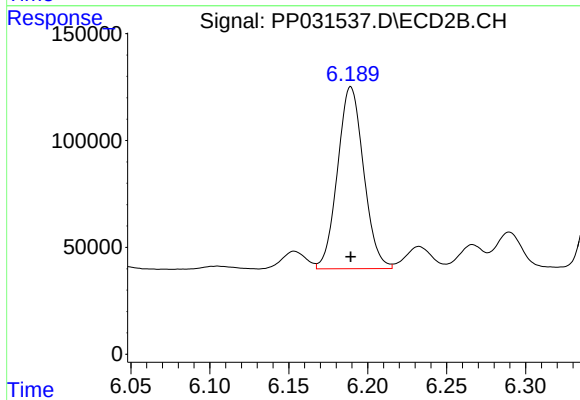
R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 119025
Conc: 81.58 ng/ml



#26 AR-1254-1

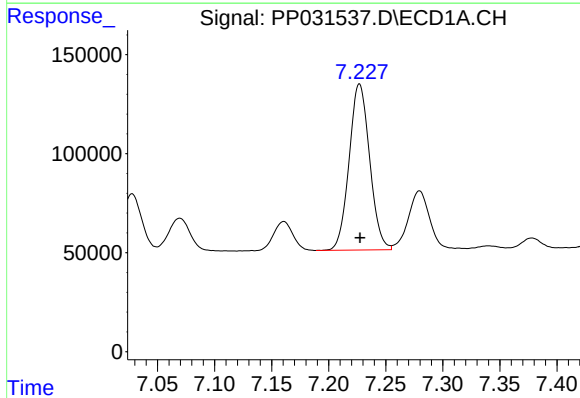
R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 700701
Conc: 459.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



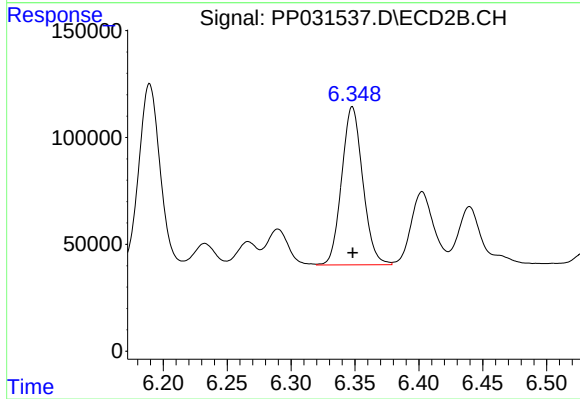
#26 AR-1254-1

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 978909
Conc: 452.53 ng/ml



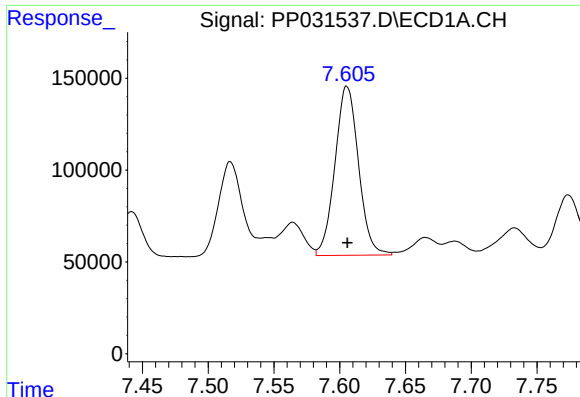
#27 AR-1254-2

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 1050299
Conc: 452.24 ng/ml



#27 AR-1254-2

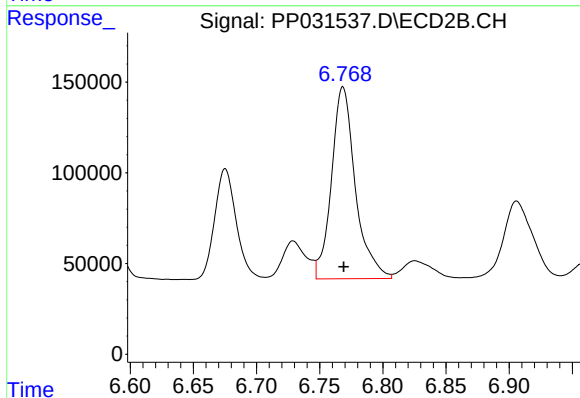
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 850691
Conc: 456.63 ng/ml



#28 AR-1254-3

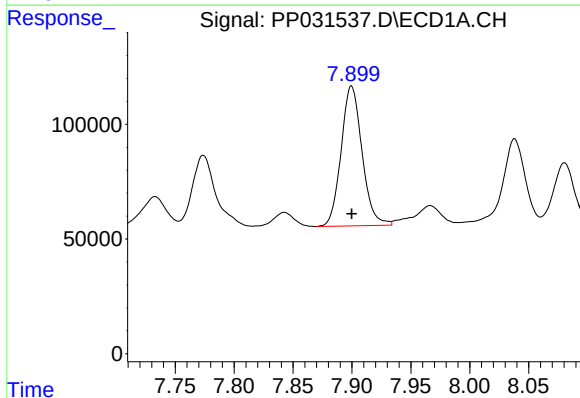
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 1148675
Conc: 454.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



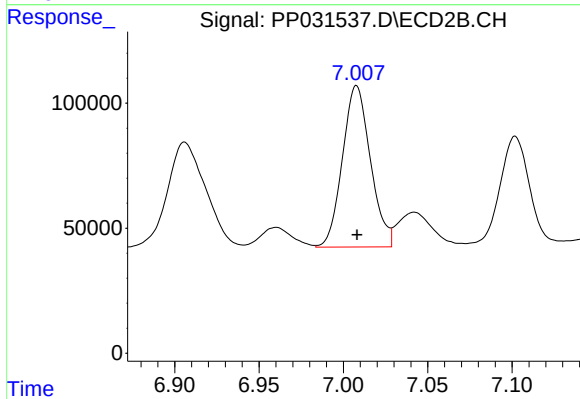
#28 AR-1254-3

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 1392755
Conc: 450.55 ng/ml



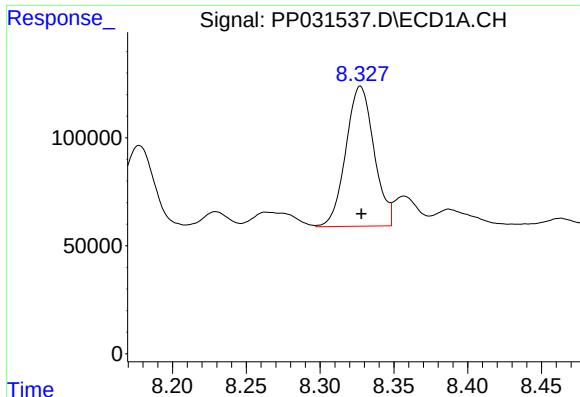
#29 AR-1254-4

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 755229
Conc: 445.09 ng/ml



#29 AR-1254-4

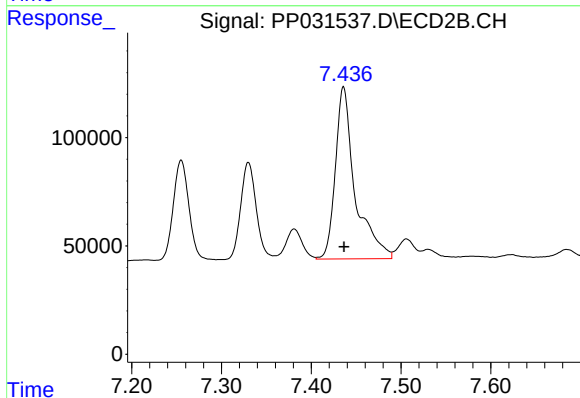
R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 746253
Conc: 439.26 ng/ml



#30 AR-1254-5

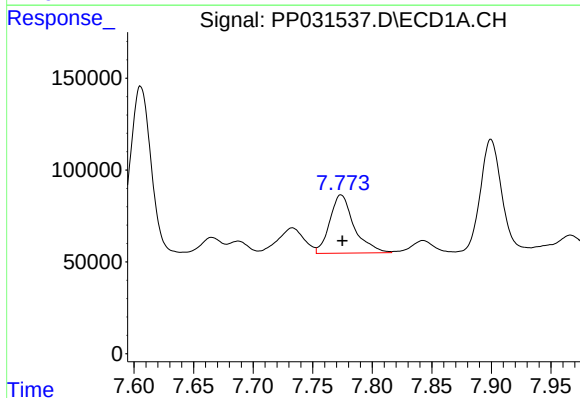
R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 859911
Conc: 459.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



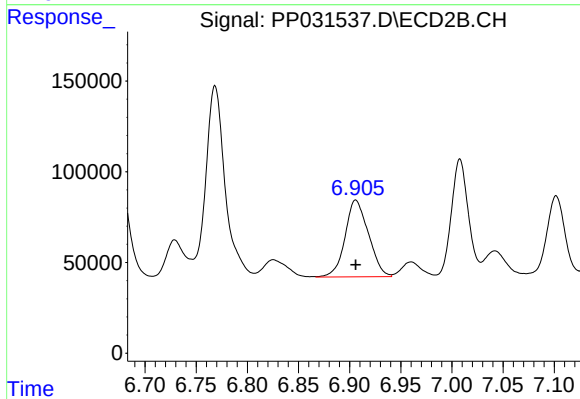
#30 AR-1254-5

R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 1216050
Conc: 450.46 ng/ml



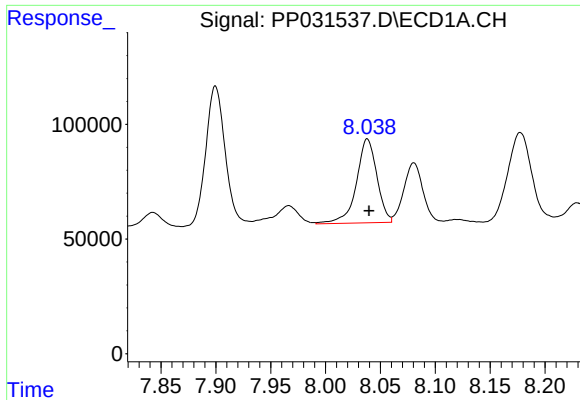
#31 AR-1260-1

R.T.: 7.774 min
Delta R.T.: -0.001 min
Response: 451381
Conc: 257.93 ng/ml



#31 AR-1260-1

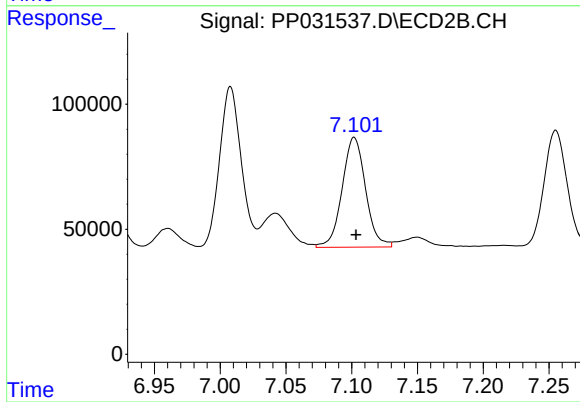
R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 672851
Conc: 340.50 ng/ml



#32 AR-1260-2

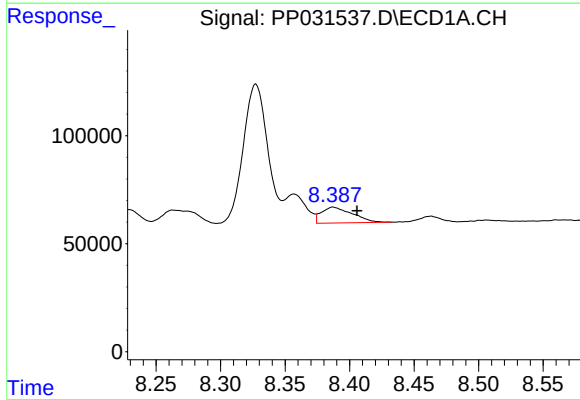
R.T.: 8.038 min
Delta R.T.: -0.002 min
Response: 476873
Conc: 232.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



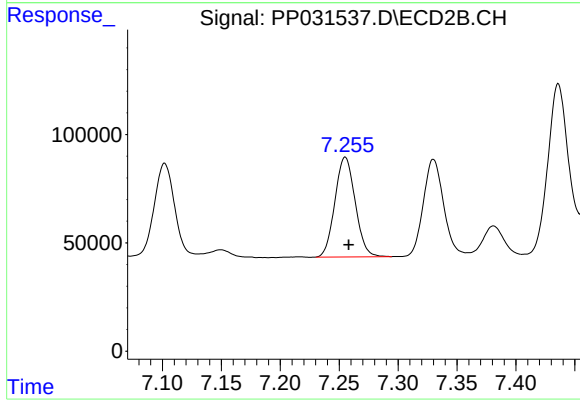
#32 AR-1260-2

R.T.: 7.102 min
Delta R.T.: -0.001 min
Response: 545086
Conc: 223.83 ng/ml



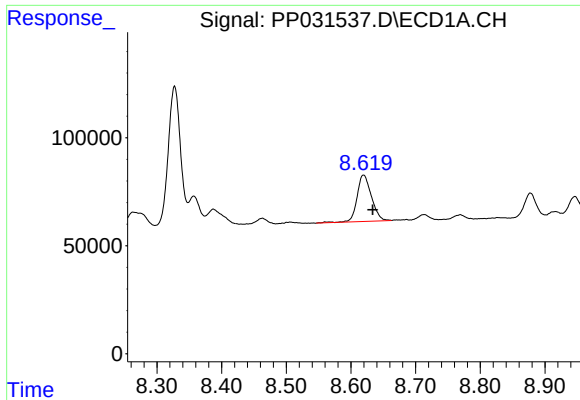
#33 AR-1260-3

R.T.: 8.387 min
Delta R.T.: -0.018 min
Response: 123415
Conc: 75.67 ng/ml



#33 AR-1260-3

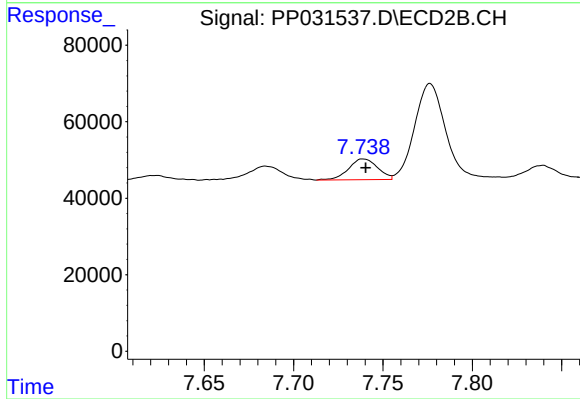
R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 553404
Conc: 242.33 ng/ml



#34 AR-1260-4

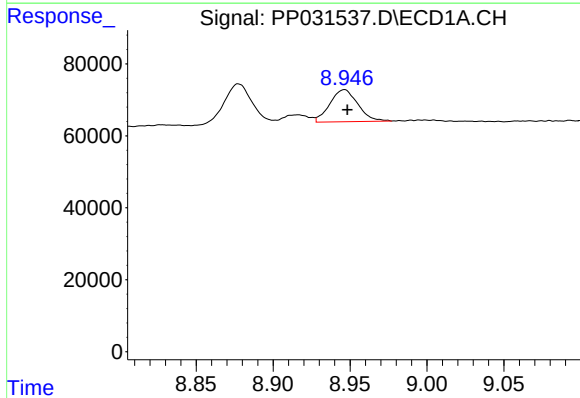
R.T.: 8.620 min
Delta R.T.: -0.014 min
Response: 331157
Conc: 179.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



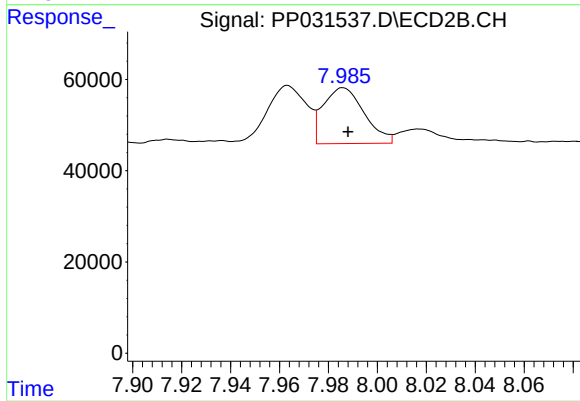
#34 AR-1260-4

R.T.: 7.739 min
Delta R.T.: -0.001 min
Response: 61555
Conc: 32.40 ng/ml



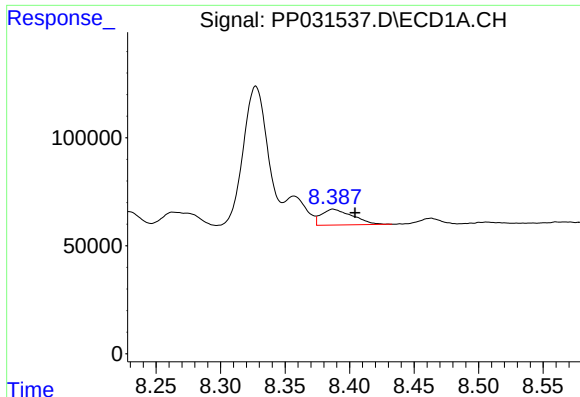
#35 AR-1260-5

R.T.: 8.946 min
Delta R.T.: -0.002 min
Response: 112826
Conc: 30.60 ng/ml



#35 AR-1260-5

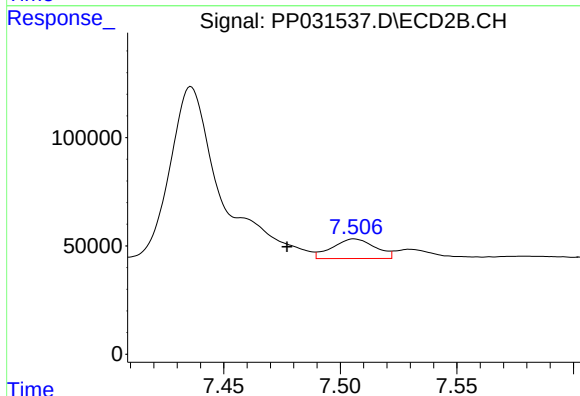
R.T.: 7.986 min
Delta R.T.: -0.002 min
Response: 142386
Conc: 31.38 ng/ml



#36 AR-1262-1

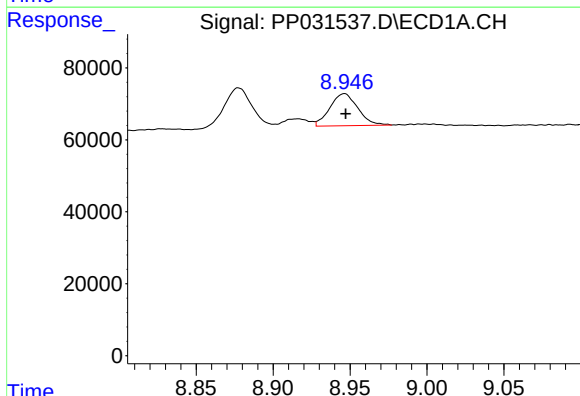
R.T.: 8.387 min
Delta R.T.: -0.017 min
Response: 123415
Conc: 56.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



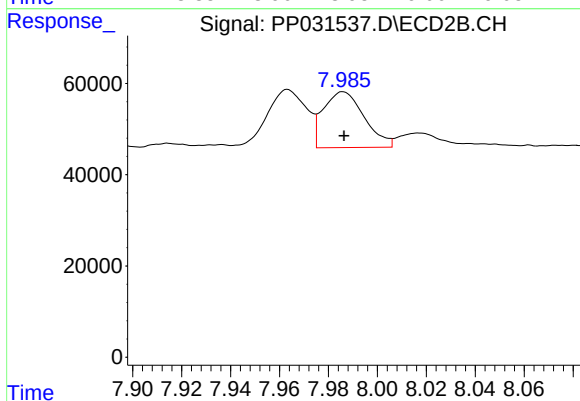
#36 AR-1262-1

R.T.: 7.506 min
Delta R.T.: 0.029 min
Response: 115640
Conc: 44.99 ng/ml



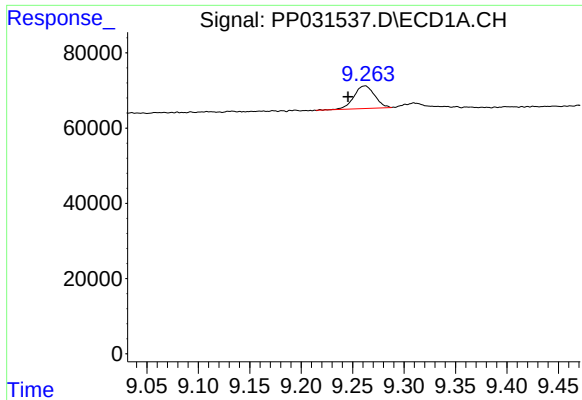
#37 AR-1262-2

R.T.: 8.946 min
Delta R.T.: 0.000 min
Response: 112826
Conc: 29.82 ng/ml



#37 AR-1262-2

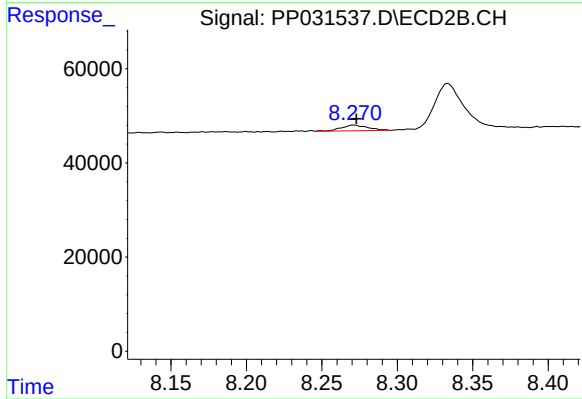
R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 142386
Conc: 31.60 ng/ml



#38 AR-1262-3

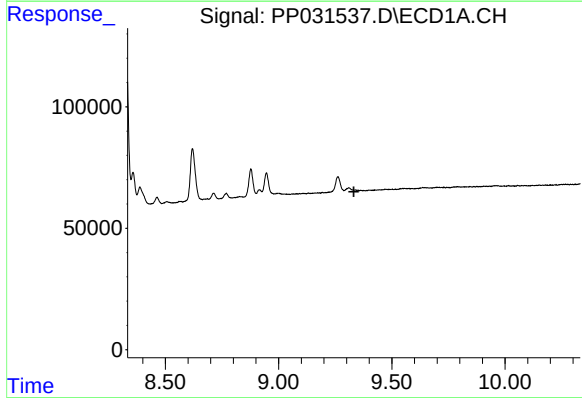
R.T.: 9.262 min
Delta R.T.: 0.016 min
Response: 84146
Conc: 31.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



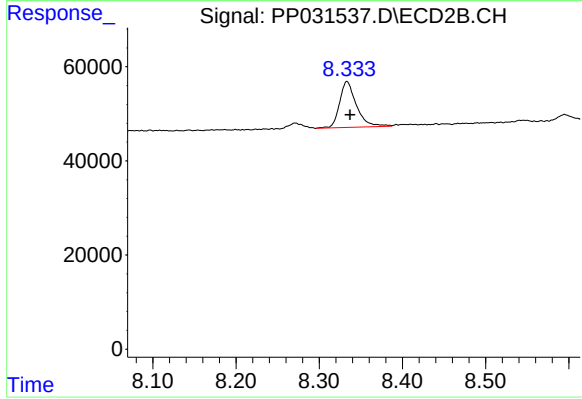
#38 AR-1262-3

R.T.: 8.271 min
Delta R.T.: -0.002 min
Response: 15130
Conc: 8.85 ng/ml



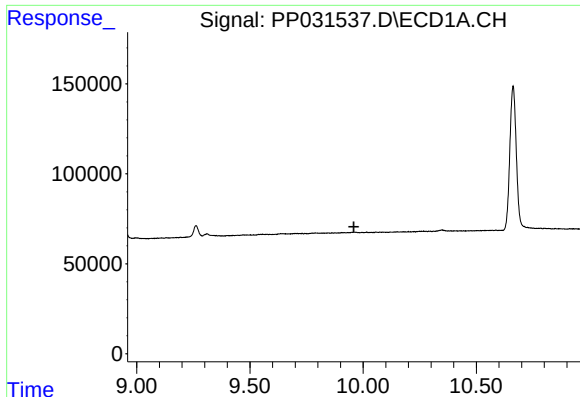
#39 AR-1262-4

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



#39 AR-1262-4

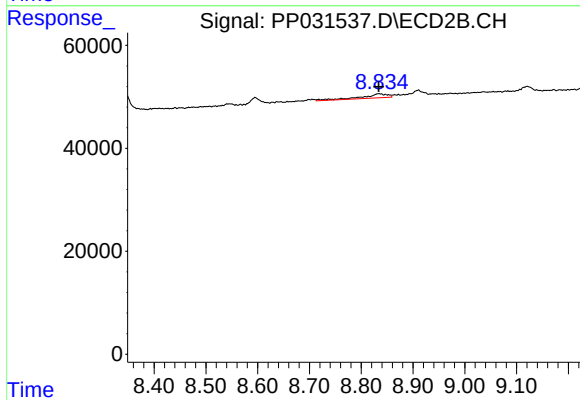
R.T.: 8.333 min
Delta R.T.: -0.004 min
Response: 137514
Conc: 39.93 ng/ml



#40 AR-1262-5

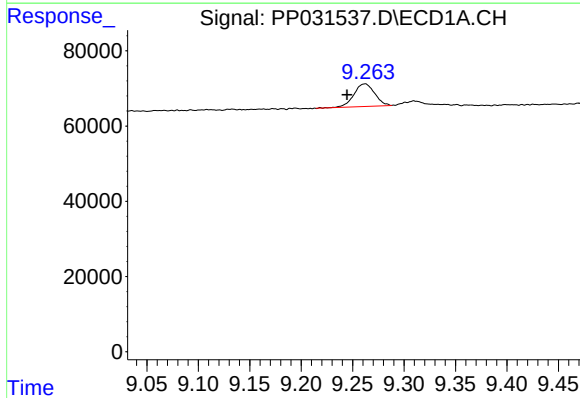
R.T.: 0.000 min
Exp R.T.: 9.959 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



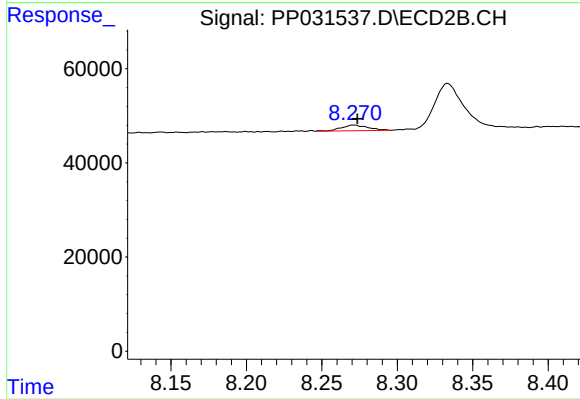
#40 AR-1262-5

R.T.: 8.834 min
Delta R.T.: 0.000 min
Response: 26479
Conc: 16.60 ng/ml



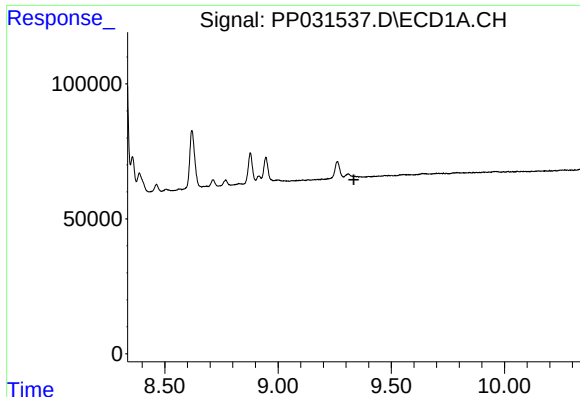
#41 AR-1268-1

R.T.: 9.262 min
Delta R.T.: 0.017 min
Response: 84146
Conc: 17.51 ng/ml



#41 AR-1268-1

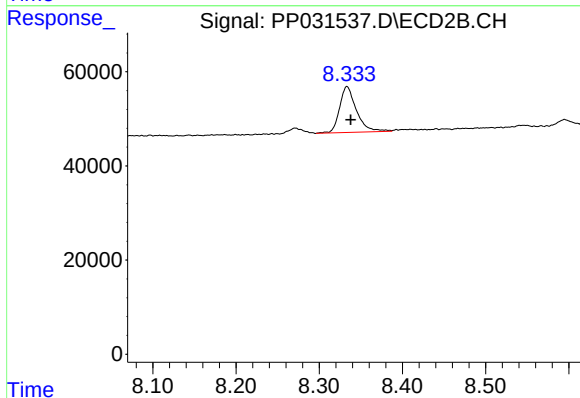
R.T.: 8.271 min
Delta R.T.: -0.002 min
Response: 15130
Conc: 2.73 ng/ml



#42 AR-1268-2

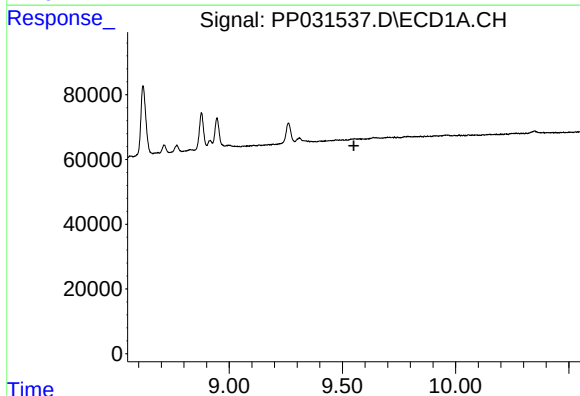
R.T.: 0.000 min
Exp R.T.: 9.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



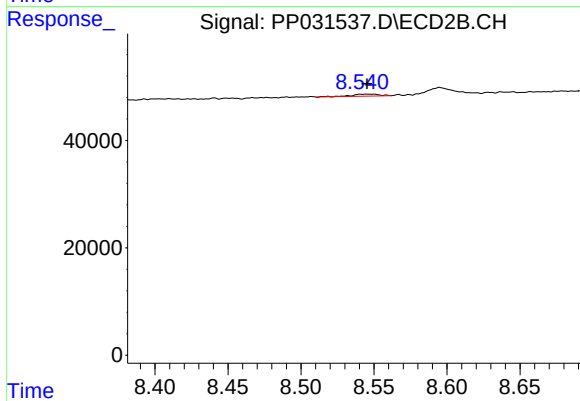
#42 AR-1268-2

R.T.: 8.333 min
Delta R.T.: -0.005 min
Response: 137514
Conc: 25.43 ng/ml



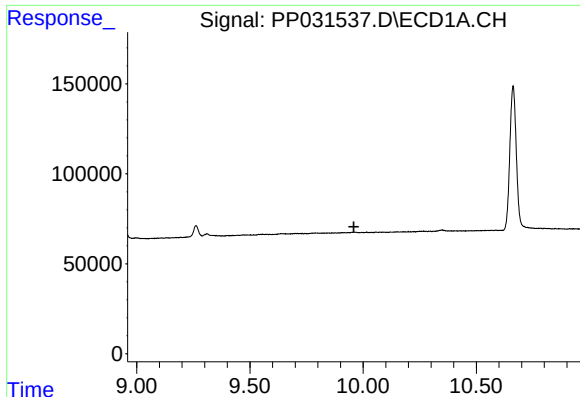
#43 AR-1268-3

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



#43 AR-1268-3

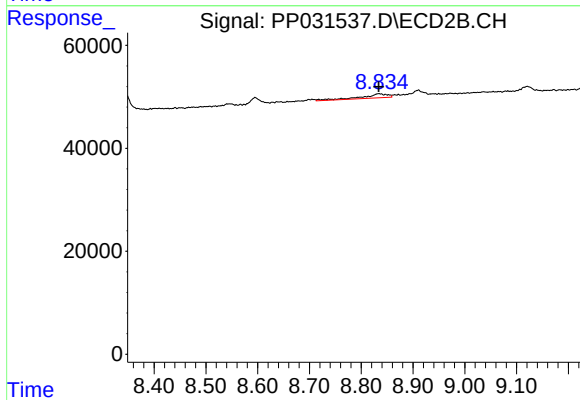
R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 4861
Conc: 1.06 ng/ml



#44 AR-1268-4

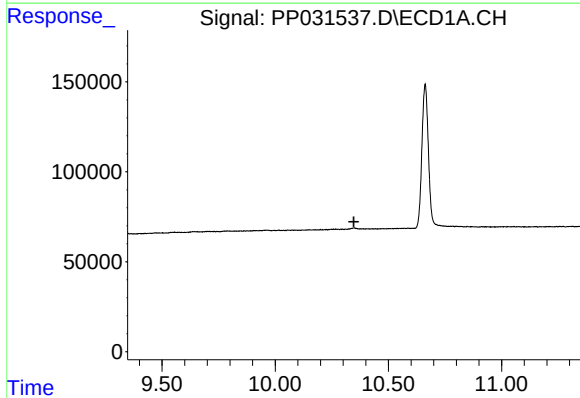
R.T.: 0.000 min
Exp R.T. : 9.959 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



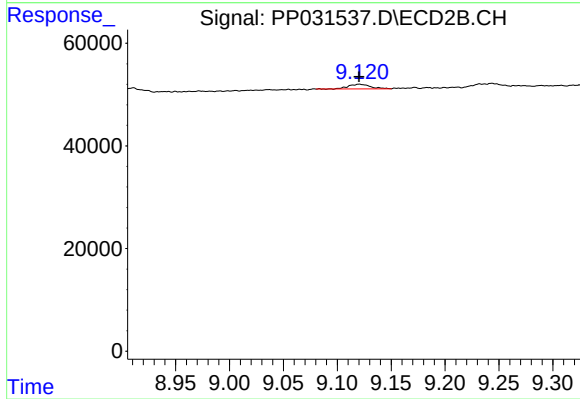
#44 AR-1268-4

R.T.: 8.834 min
Delta R.T.: 0.000 min
Response: 26479
Conc: 14.53 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 9.121 min
Delta R.T.: 0.000 min
Response: 12782
Conc: 0.92 ng/ml