

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100721\
 Data File : PP039886.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2021 3:05
 Operator : AJ\MA
 Sample : M4131-04MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 05:21:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 08 04:46:38 2021
 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...	4.899	3.985	492664	584318	16.182	34.955 #
2)	SA Decachlor...	10.919	9.317	548651	553161	24.405	24.659
Target Compounds							
3)	L1 AR-1016-1	6.220	5.272f	7672325	452788	7446.161	669.335 #
4)	L1 AR-1016-2	6.243	5.272	12645101	452788	8470.573	489.410 #
5)	L1 AR-1016-3	6.305	5.466	7465510	223983	8013.482	429.772 #
6)	L1 AR-1016-4	0.000	5.516	0	482199	N.D.	1113.756 #
7)	L1 AR-1016-5	0.000	5.765f	0	1419033	N.D.	2705.869 #
8)	L2 AR-1221-1	5.147	4.247	2254580	4372	6505.975	20.621 #
10)	L2 AR-1221-3	0.000	4.435	0	36042	N.D.	67.314 #
11)	L3 AR-1232-1	0.000	4.435	0	36042	N.D.	90.009 #
12)	L3 AR-1232-2	5.938	5.272	27067513	452788	79253.516	1143.601 #
13)	L3 AR-1232-3	6.243	5.466	12645101	223983	19906.399	1001.754 #
14)	L3 AR-1232-4	0.000	5.577f	0	575209	N.D.	2451.840 #
15)	L3 AR-1232-5	0.000	5.765f	0	1419033	N.D.	6524.731 #
16)	L4 AR-1242-1	6.220	5.272f	7672325	452788	9985.746	883.155 #
17)	L4 AR-1242-2	6.243	5.272	12645101	452788	11401.632	649.611 #
18)	L4 AR-1242-3	6.305	5.466	7465510	223983	10783.463	572.233 #
19)	L4 AR-1242-4	0.000	5.577f	0	575209	N.D.	1431.051 #
20)	L4 AR-1242-5	0.000	6.123	0	17981536	N.D.	36171.190 #
21)	L5 AR-1248-1	6.220	5.272f	7672325	452788	12487.787	1099.274 #
22)	L5 AR-1248-2	0.000	5.516	0	482199	N.D.	822.146 #
23)	L5 AR-1248-3	0.000	5.577	0	575209	N.D.	916.258 #
24)	L5 AR-1248-4	7.162	5.765f	30099	1419033	29.001	2071.717 #
26)	L6 AR-1254-1	7.130	6.123	247645	17981536	240.448	18245.933 #
27)	L6 AR-1254-2	7.362	0.000	382329	0	237.853	N.D. #
28)	L6 AR-1254-3	7.747	6.709	466418	476460	275.088	339.226
29)	L6 AR-1254-4	8.041	6.949	246592	282514	202.949	320.458 #
30)	L6 AR-1254-5	8.470	7.382	1003168	991826	788.648	740.529
31)	L7 AR-1260-1	7.912	6.848	528788	694335	401.148	661.268 #
32)	L7 AR-1260-2	8.177	7.044	947426	735746	590.615	582.245
33)	L7 AR-1260-3	8.544	7.201	596983	715087	611.330	539.310
34)	L7 AR-1260-4	8.775	7.686	739042	471926	663.663	508.652
35)	L7 AR-1260-5	9.100	7.934	926242	1138361	454.816	545.438
36)	L8 AR-1262-1	8.544	7.382	596983	991826	423.503	1378.625 #
37)	L8 AR-1262-2	9.100	7.934	926242	1138361	387.395	492.926 #
38)	L8 AR-1262-3	9.431f	8.222	608889	223318	540.491	217.765 #
39)	L8 AR-1262-4	9.484f	8.286	441236	654656	617.275	360.122 #
40)	L8 AR-1262-5	10.171	8.786	192800	199122	215.511	216.912
41)	L9 AR-1268-1	9.431f	8.222	608889	223318	206.956	76.477 #
42)	L9 AR-1268-2	9.484f	8.286	441236	654656	159.176	245.296 #
43)	L9 AR-1268-3	0.000	8.499	0	62029	N.D.	26.486 #

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QLast Update : Fri Oct 08 04:46:38 2021
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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
44)	L9 AR-1268-4	10.171	8.786	192800	199122	192.295	194.999
45)	L9 AR-1268-5	10.585	9.069	66158	114114	8.319	15.367 #

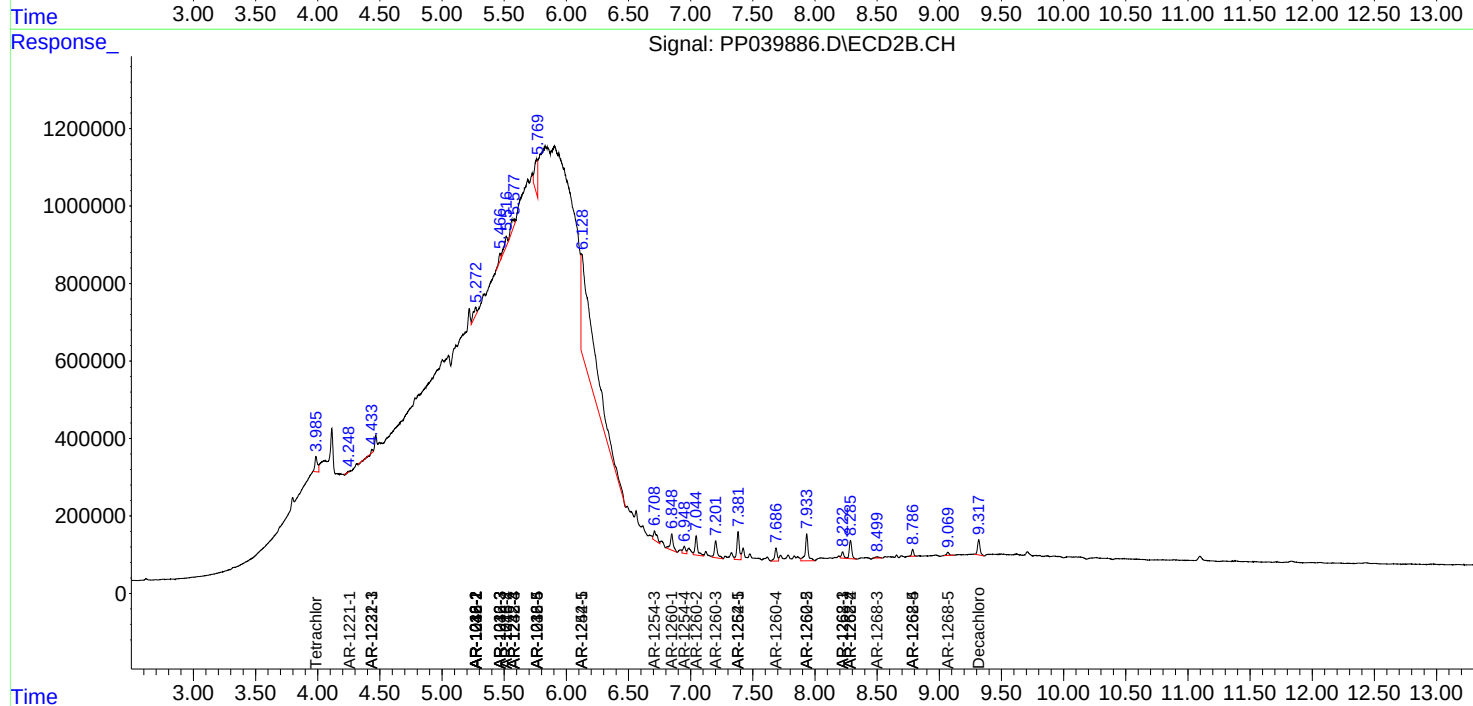
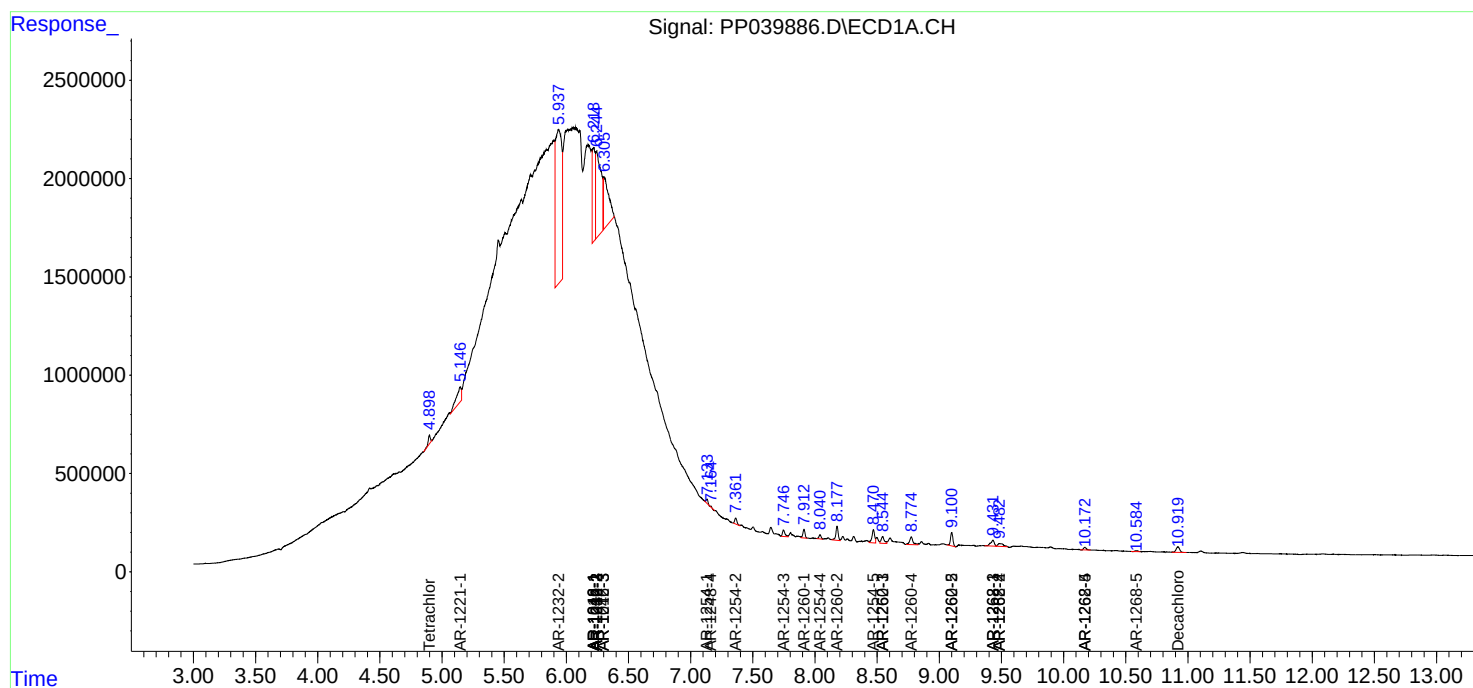
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

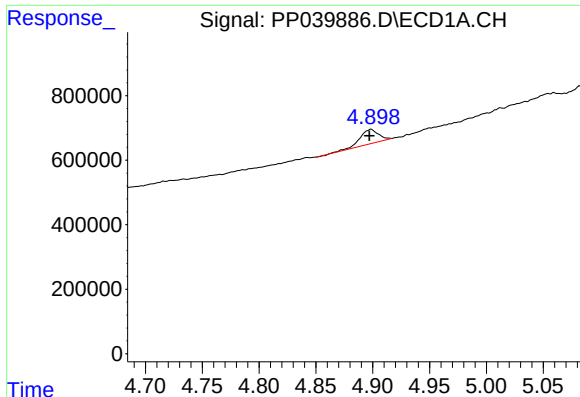
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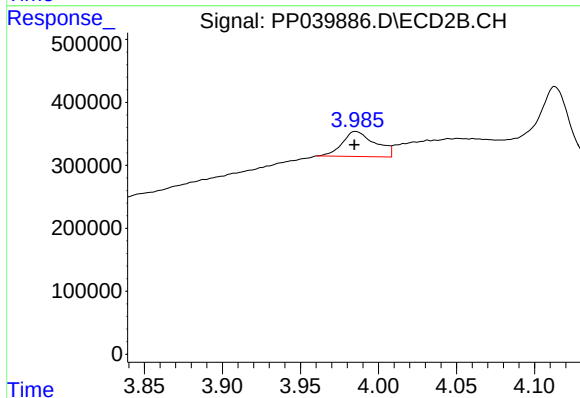




#1 Tetrachloro-m-xylene

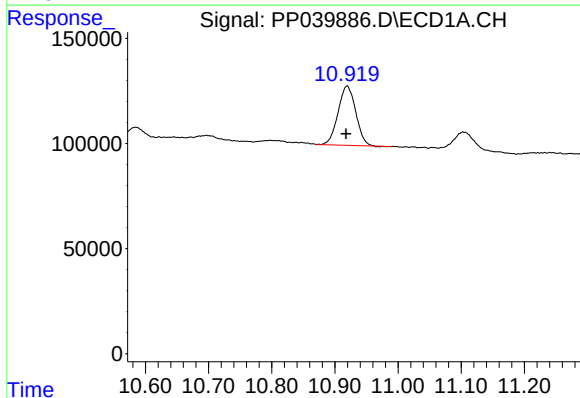
R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 492664
Conc: 16.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



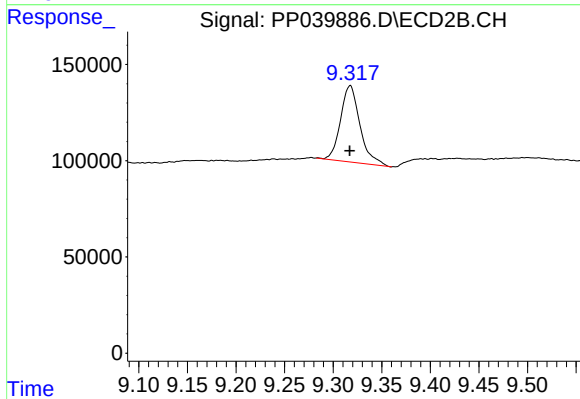
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 584318
Conc: 34.95 ng/ml



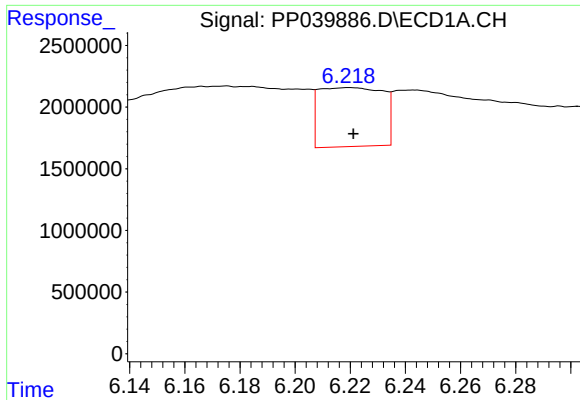
#2 Decachlorobiphenyl

R.T.: 10.919 min
Delta R.T.: 0.001 min
Response: 548651
Conc: 24.40 ng/ml



#2 Decachlorobiphenyl

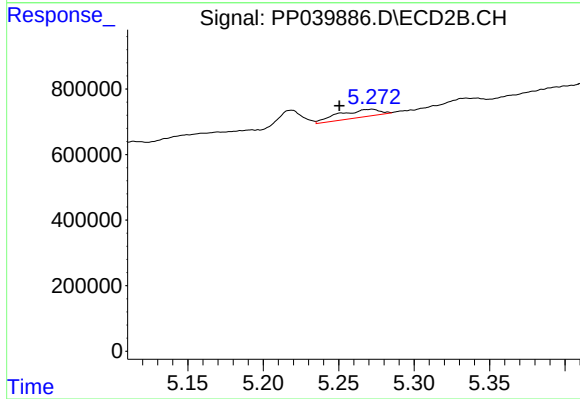
R.T.: 9.317 min
Delta R.T.: 0.000 min
Response: 553161
Conc: 24.66 ng/ml



#3 AR-1016-1

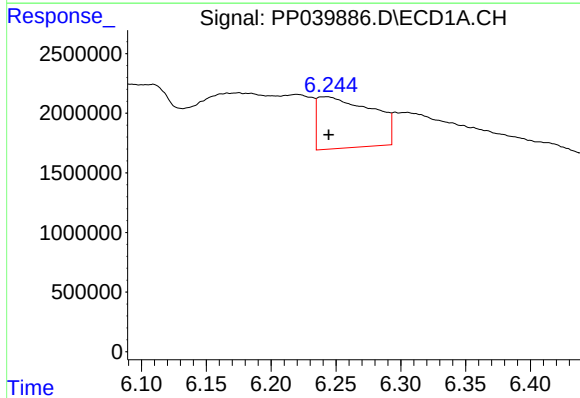
R.T.: 6.220 min
Delta R.T.: -0.002 min
Response: 7672325
Conc: 7446.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



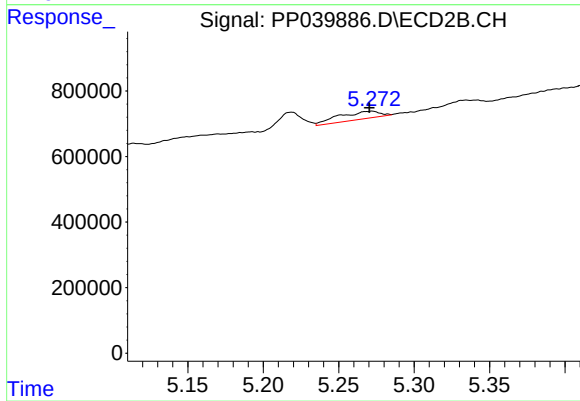
#3 AR-1016-1

R.T.: 5.272 min
Delta R.T.: 0.022 min
Response: 452788
Conc: 669.34 ng/ml



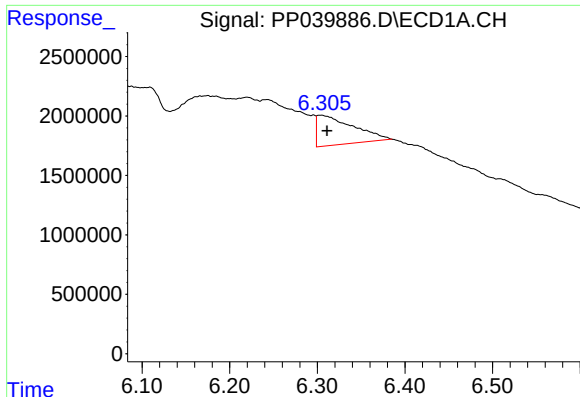
#4 AR-1016-2

R.T.: 6.243 min
Delta R.T.: -0.001 min
Response: 12645101
Conc: 8470.57 ng/ml



#4 AR-1016-2

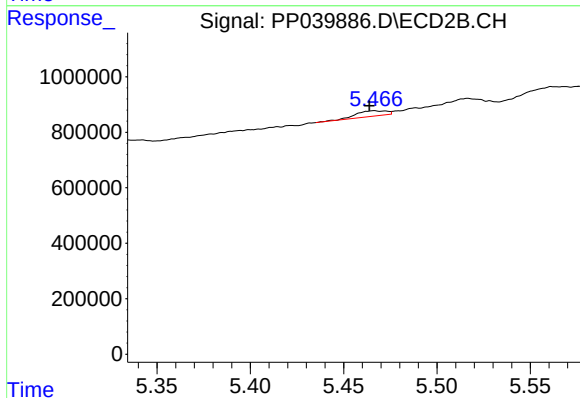
R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 452788
Conc: 489.41 ng/ml



#5 AR-1016-3

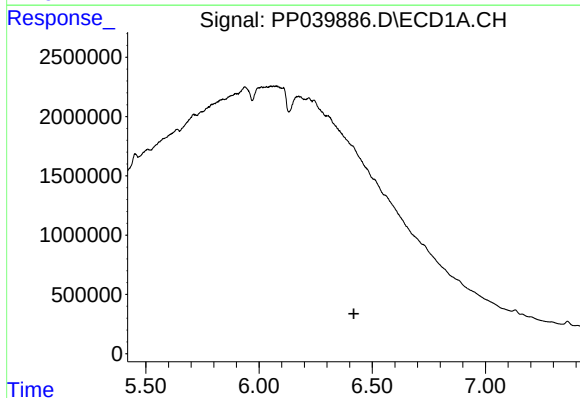
R.T.: 6.305 min
Delta R.T.: -0.006 min
Response: 7465510
Conc: 8013.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



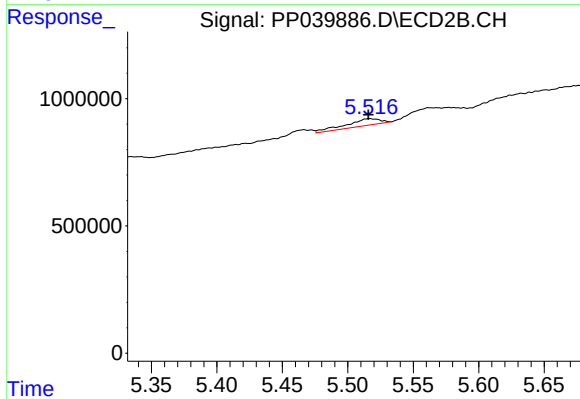
#5 AR-1016-3

R.T.: 5.466 min
Delta R.T.: 0.002 min
Response: 223983
Conc: 429.77 ng/ml



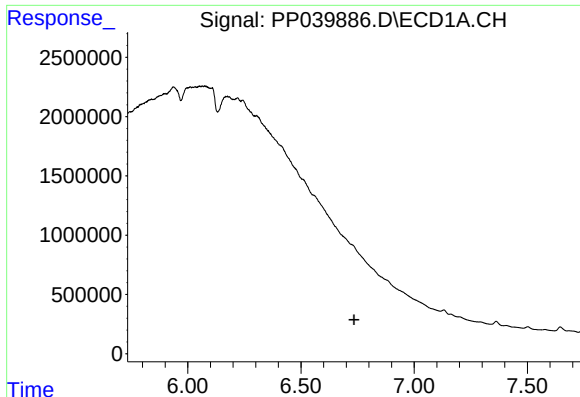
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.419 min
Response: 0
Conc: N.D.



#6 AR-1016-4

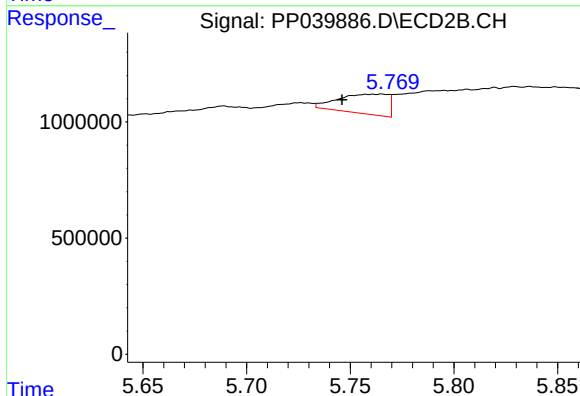
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 482199
Conc: 1113.76 ng/ml



#7 AR-1016-5

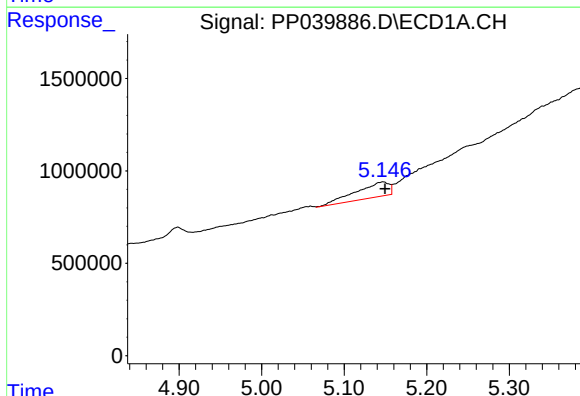
R.T.: 0.000 min
Exp R.T.: 6.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



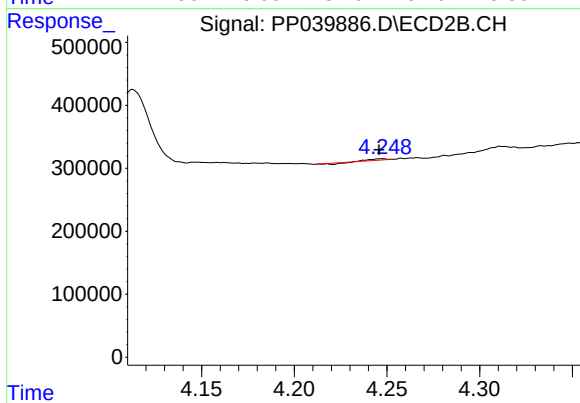
#7 AR-1016-5

R.T.: 5.765 min
Delta R.T.: 0.019 min
Response: 1419033
Conc: 2705.87 ng/ml



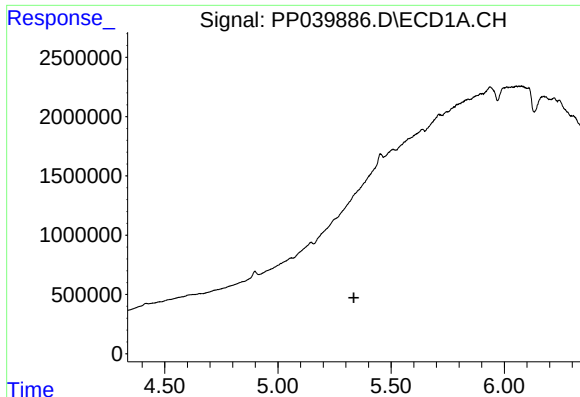
#8 AR-1221-1

R.T.: 5.147 min
Delta R.T.: -0.002 min
Response: 2254580
Conc: 6505.97 ng/ml



#8 AR-1221-1

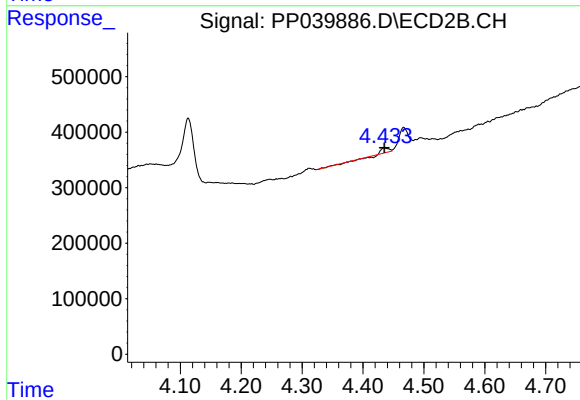
R.T.: 4.247 min
Delta R.T.: 0.002 min
Response: 4372
Conc: 20.62 ng/ml



#10 AR-1221-3

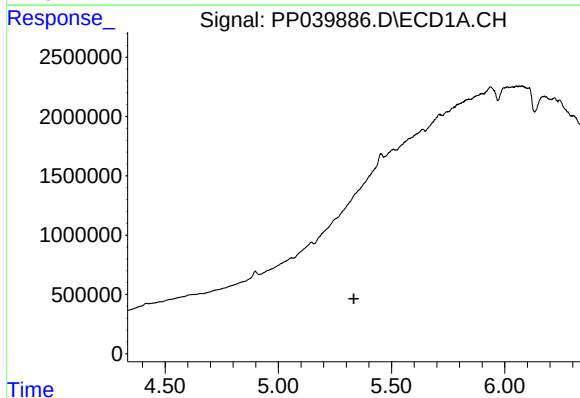
R.T.: 0.000 min
Exp R.T.: 5.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



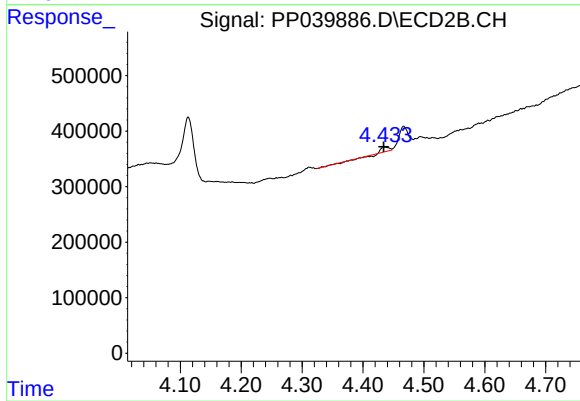
#10 AR-1221-3

R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 36042
Conc: 67.31 ng/ml



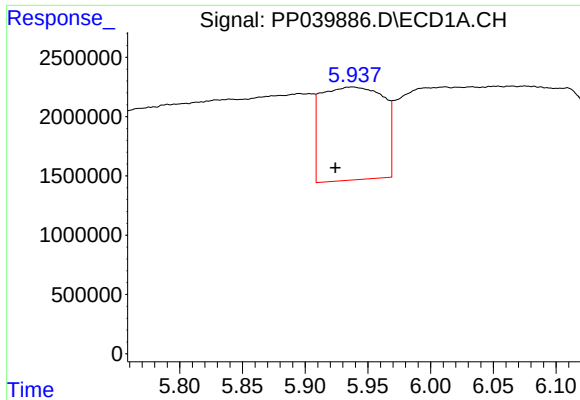
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.334 min
Response: 0
Conc: N.D.



#11 AR-1232-1

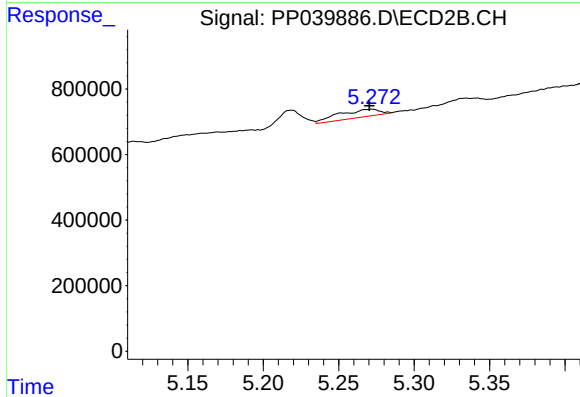
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 36042
Conc: 90.01 ng/ml



#12 AR-1232-2

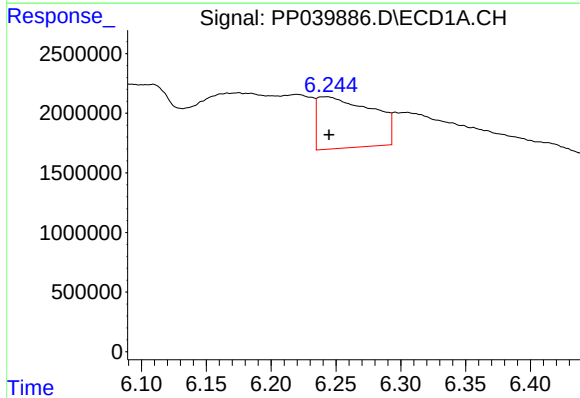
R.T.: 5.938 min
Delta R.T.: 0.014 min
Response: 27067513
Conc: 79253.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



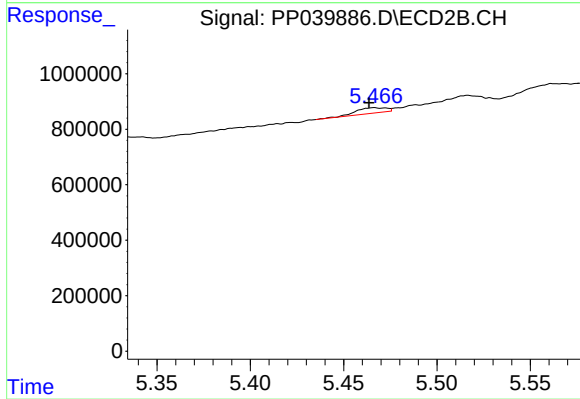
#12 AR-1232-2

R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 452788
Conc: 1143.60 ng/ml



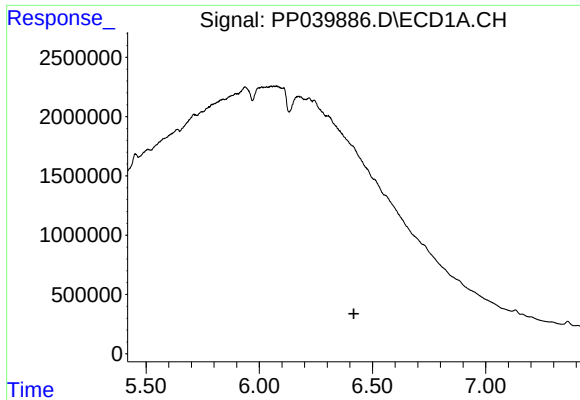
#13 AR-1232-3

R.T.: 6.243 min
Delta R.T.: -0.001 min
Response: 12645101
Conc: 19906.40 ng/ml



#13 AR-1232-3

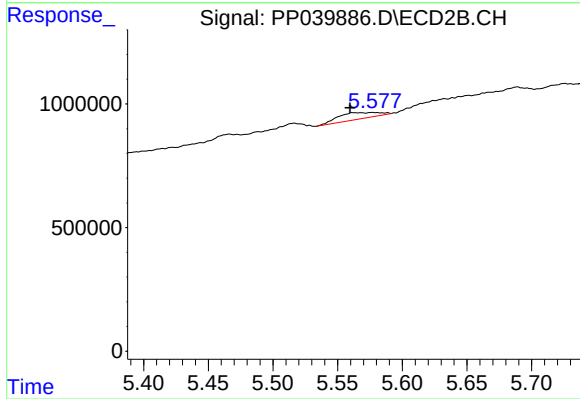
R.T.: 5.466 min
Delta R.T.: 0.003 min
Response: 223983
Conc: 1001.75 ng/ml



#14 AR-1232-4

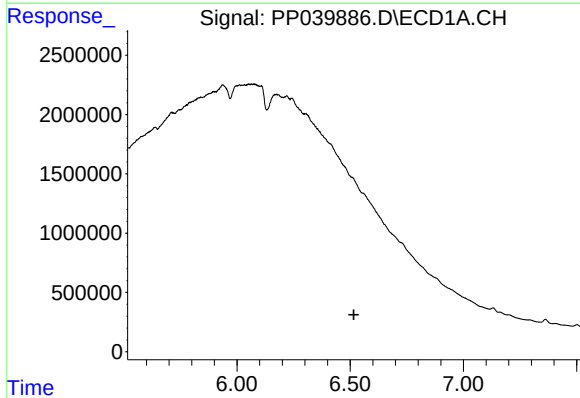
R.T.: 0.000 min
Exp R.T.: 6.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



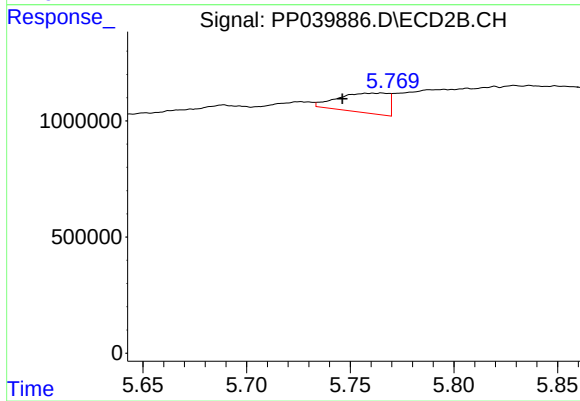
#14 AR-1232-4

R.T.: 5.577 min
Delta R.T.: 0.017 min
Response: 575209
Conc: 2451.84 ng/ml



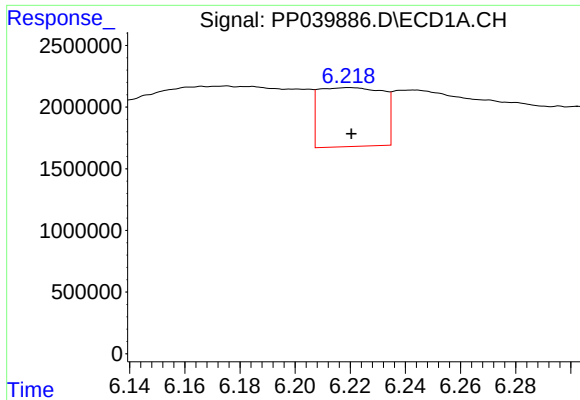
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.516 min
Response: 0
Conc: N.D.



#15 AR-1232-5

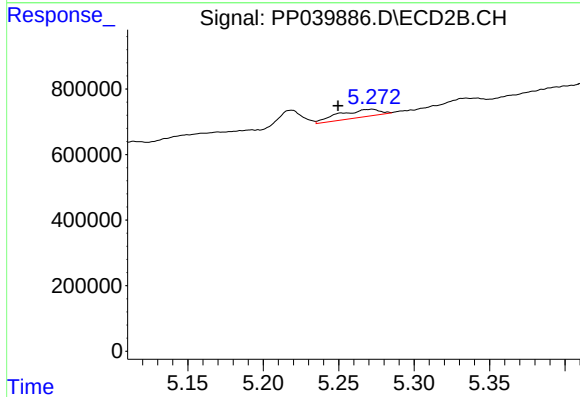
R.T.: 5.765 min
Delta R.T.: 0.019 min
Response: 1419033
Conc: 6524.73 ng/ml



#16 AR-1242-1

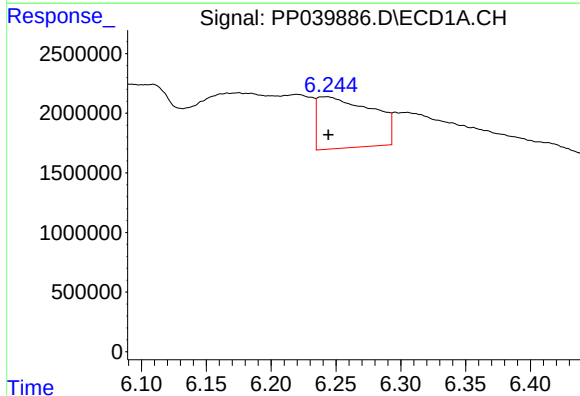
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 7672325
Conc: 9985.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



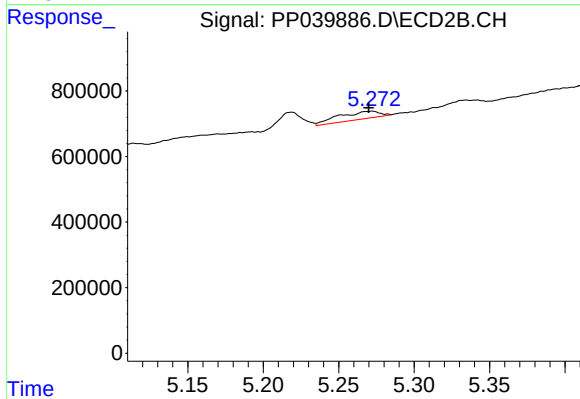
#16 AR-1242-1

R.T.: 5.272 min
Delta R.T.: 0.022 min
Response: 452788
Conc: 883.16 ng/ml



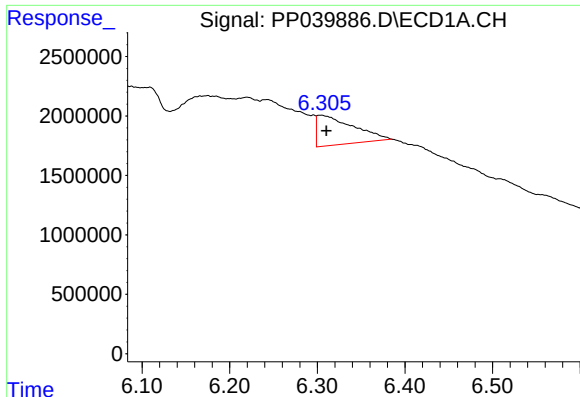
#17 AR-1242-2

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 12645101
Conc: 11401.63 ng/ml



#17 AR-1242-2

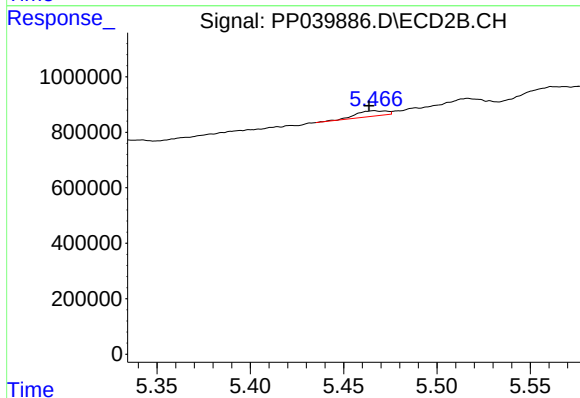
R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 452788
Conc: 649.61 ng/ml



#18 AR-1242-3

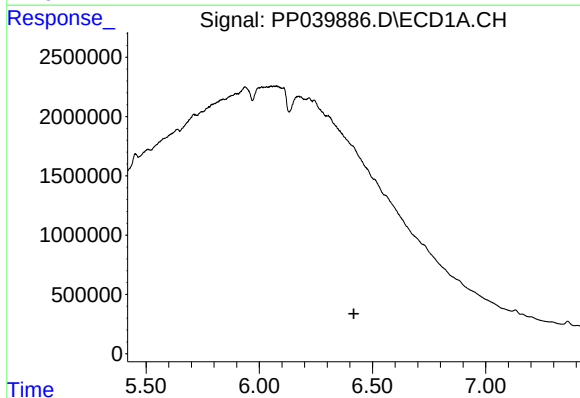
R.T.: 6.305 min
Delta R.T.: -0.005 min
Response: 7465510
Conc: 10783.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



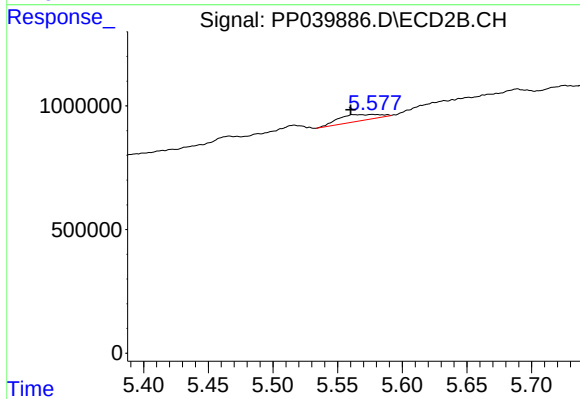
#18 AR-1242-3

R.T.: 5.466 min
Delta R.T.: 0.003 min
Response: 223983
Conc: 572.23 ng/ml



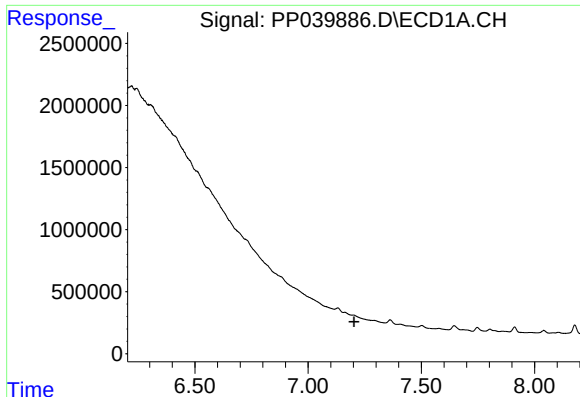
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.418 min
Response: 0
Conc: N.D.



#19 AR-1242-4

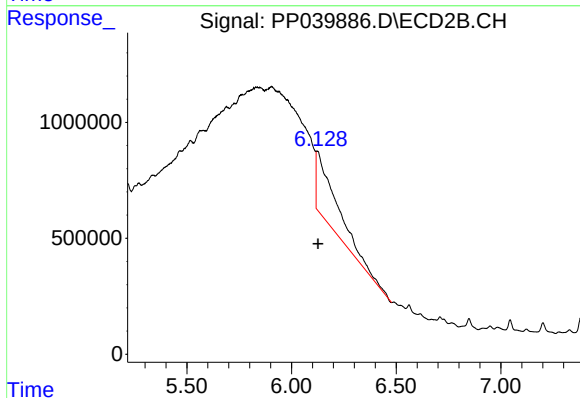
R.T.: 5.577 min
Delta R.T.: 0.017 min
Response: 575209
Conc: 1431.05 ng/ml



#20 AR-1242-5

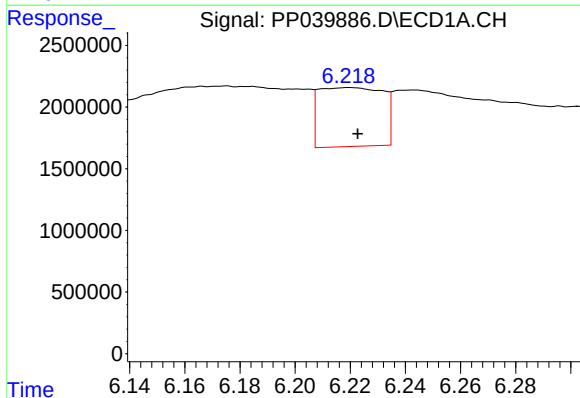
R.T.: 0.000 min
Exp R.T.: 7.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



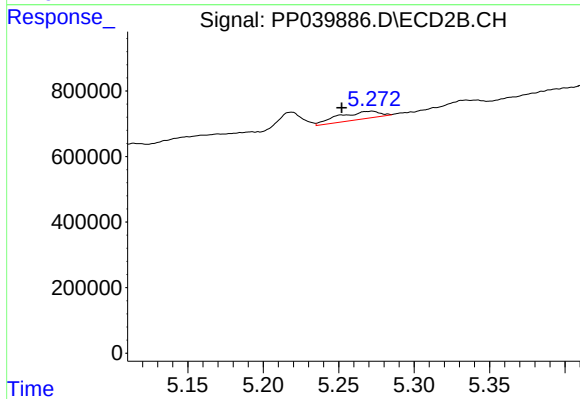
#20 AR-1242-5

R.T.: 6.123 min
Delta R.T.: -0.004 min
Response: 17981536
Conc: 36171.19 ng/ml



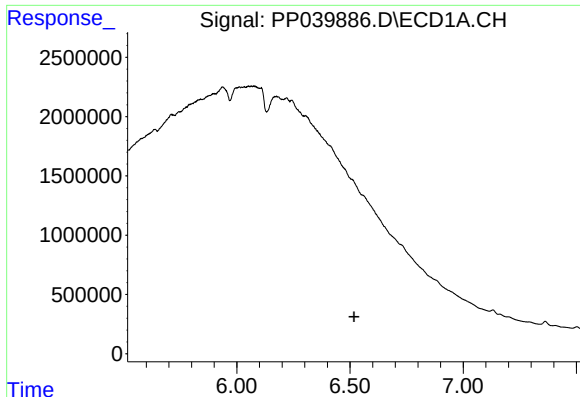
#21 AR-1248-1

R.T.: 6.220 min
Delta R.T.: -0.003 min
Response: 7672325
Conc: 12487.79 ng/ml



#21 AR-1248-1

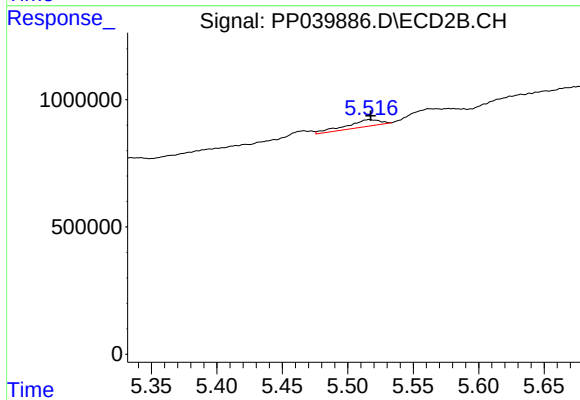
R.T.: 5.272 min
Delta R.T.: 0.020 min
Response: 452788
Conc: 1099.27 ng/ml



#22 AR-1248-2

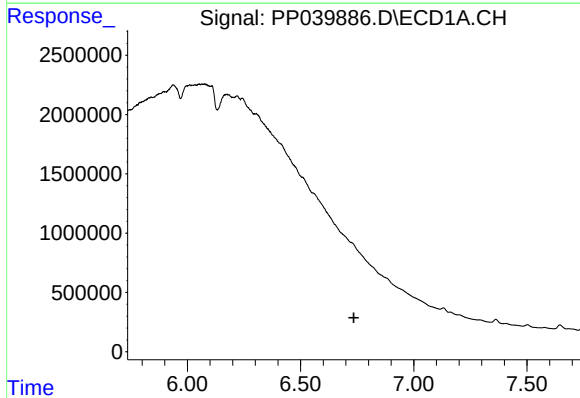
R.T.: 0.000 min
Exp R.T.: 6.518 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



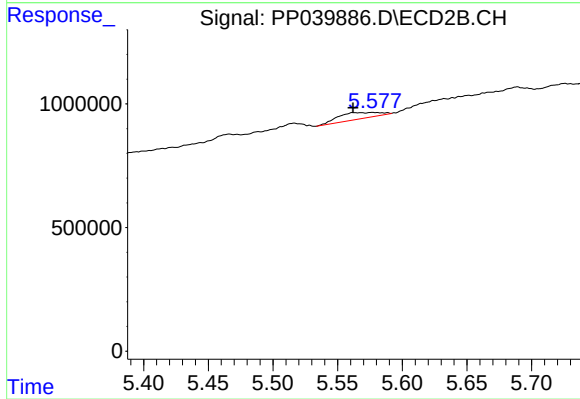
#22 AR-1248-2

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 482199
Conc: 822.15 ng/ml



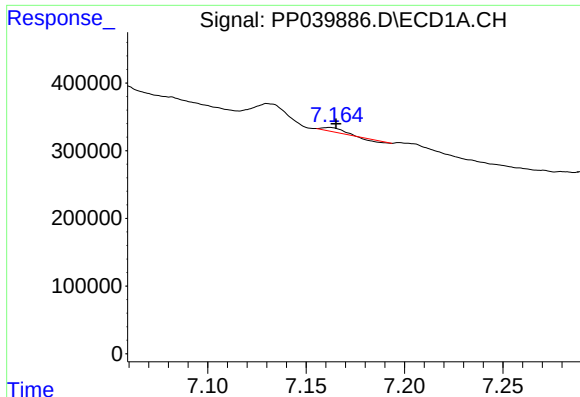
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.735 min
Response: 0
Conc: N.D.



#23 AR-1248-3

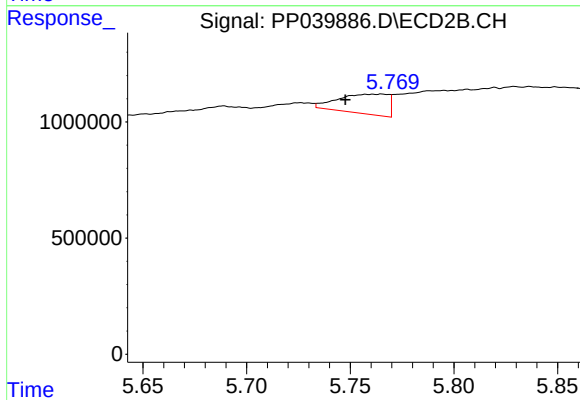
R.T.: 5.577 min
Delta R.T.: 0.015 min
Response: 575209
Conc: 916.26 ng/ml



#24 AR-1248-4

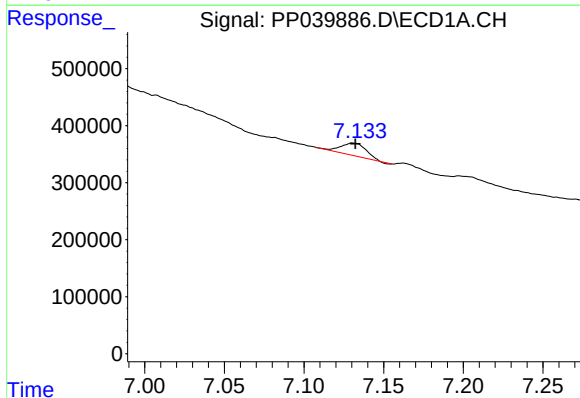
R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 30099
Conc: 29.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



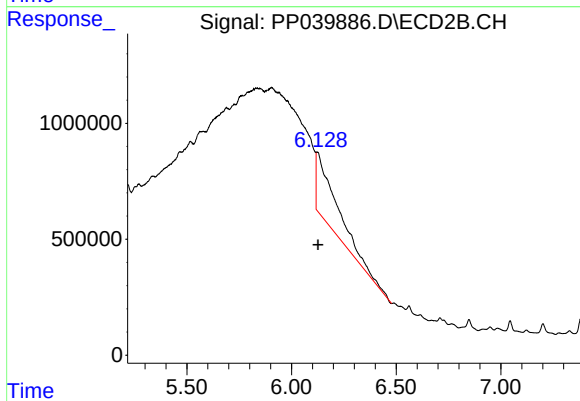
#24 AR-1248-4

R.T.: 5.765 min
Delta R.T.: 0.018 min
Response: 1419033
Conc: 2071.72 ng/ml



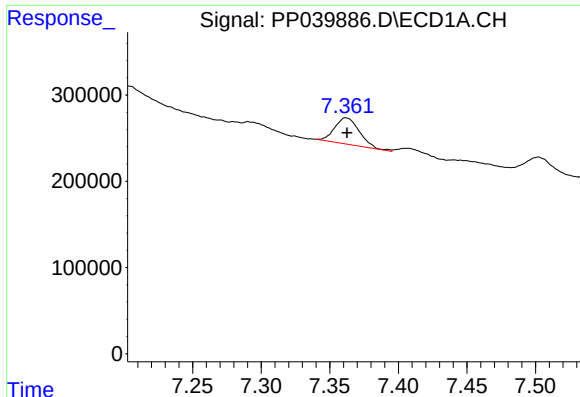
#26 AR-1254-1

R.T.: 7.130 min
Delta R.T.: -0.002 min
Response: 247645
Conc: 240.45 ng/ml



#26 AR-1254-1

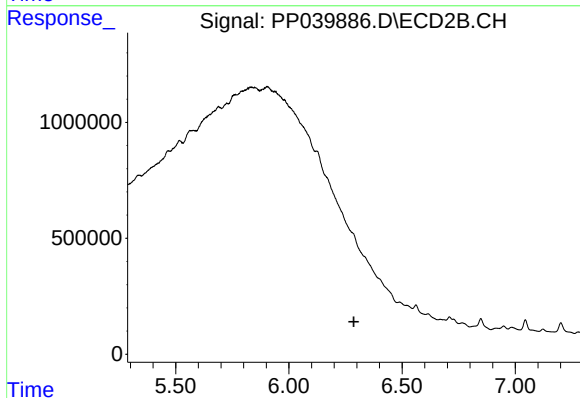
R.T.: 6.123 min
Delta R.T.: -0.005 min
Response: 17981536
Conc: 18245.93 ng/ml



#27 AR-1254-2

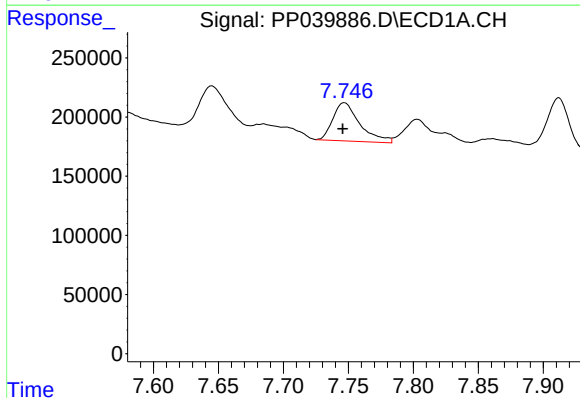
R.T.: 7.362 min
Delta R.T.: -0.001 min
Response: 382329
Conc: 237.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



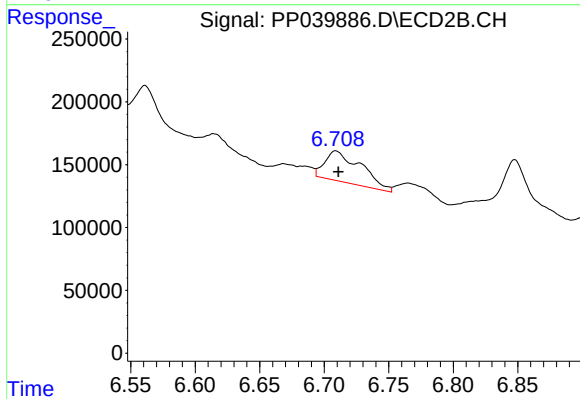
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.287 min
Response: 0
Conc: N.D.



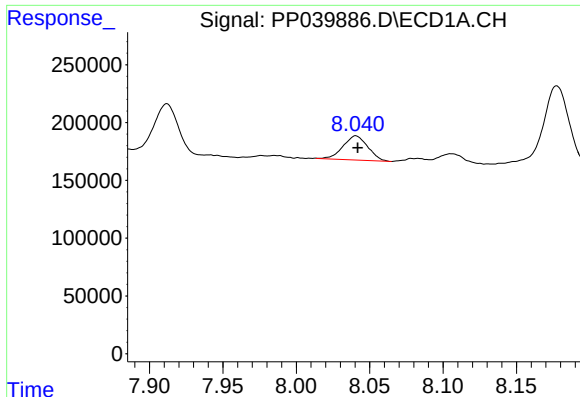
#28 AR-1254-3

R.T.: 7.747 min
Delta R.T.: 0.001 min
Response: 466418
Conc: 275.09 ng/ml



#28 AR-1254-3

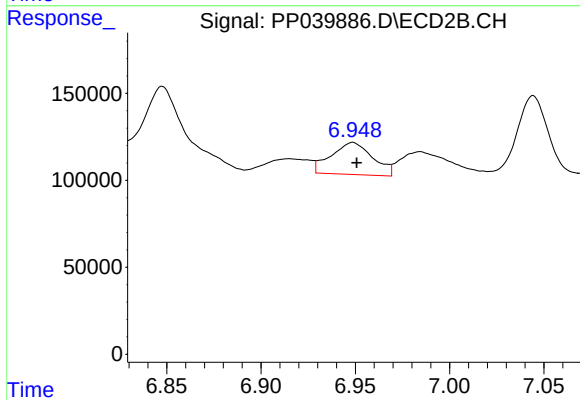
R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 476460
Conc: 339.23 ng/ml



#29 AR-1254-4

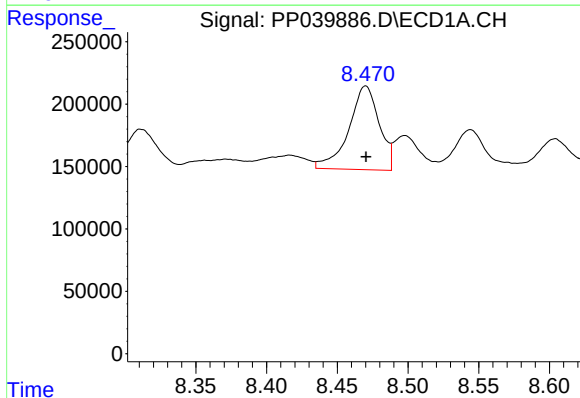
R.T.: 8.041 min
Delta R.T.: -0.001 min
Response: 246592
Conc: 202.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



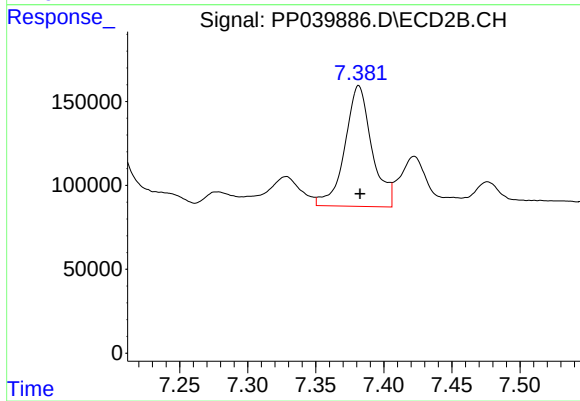
#29 AR-1254-4

R.T.: 6.949 min
Delta R.T.: -0.002 min
Response: 282514
Conc: 320.46 ng/ml



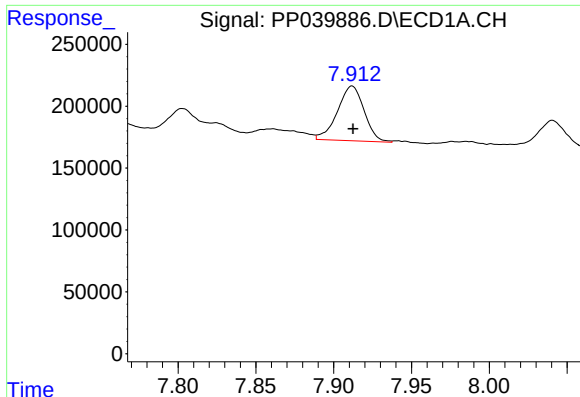
#30 AR-1254-5

R.T.: 8.470 min
Delta R.T.: 0.000 min
Response: 1003168
Conc: 788.65 ng/ml



#30 AR-1254-5

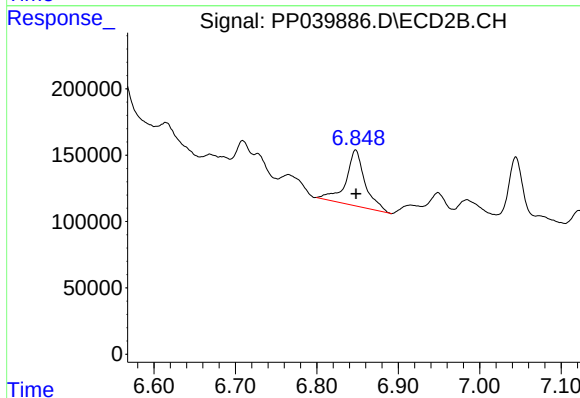
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 991826
Conc: 740.53 ng/ml



#31 AR-1260-1

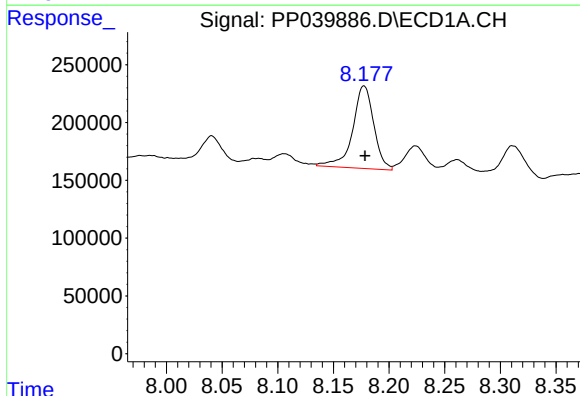
R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 528788
Conc: 401.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



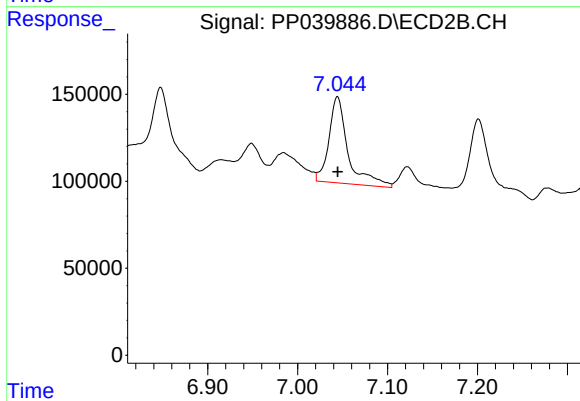
#31 AR-1260-1

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 694335
Conc: 661.27 ng/ml



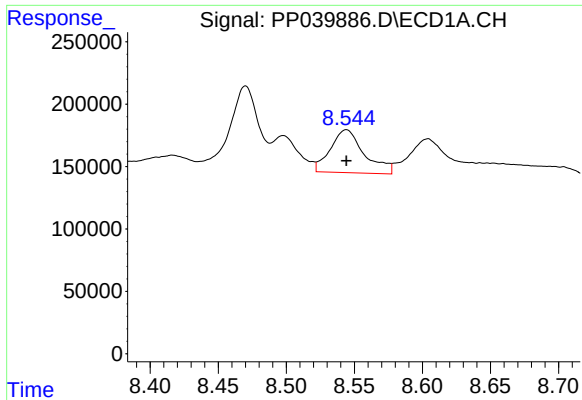
#32 AR-1260-2

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 947426
Conc: 590.61 ng/ml



#32 AR-1260-2

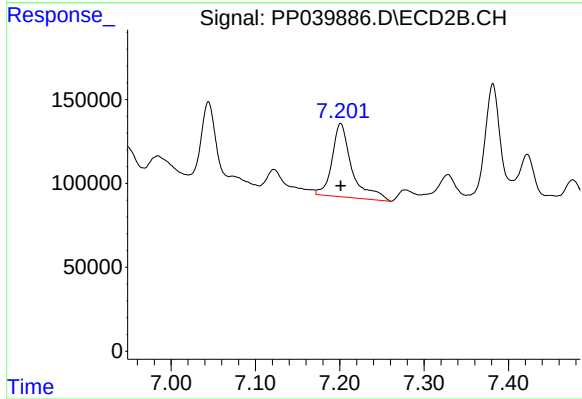
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 735746
Conc: 582.25 ng/ml



#33 AR-1260-3

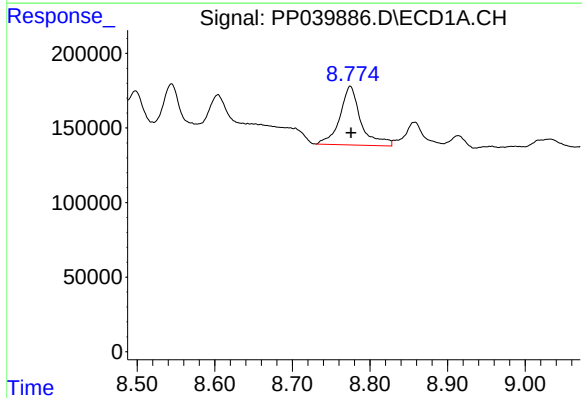
R.T.: 8.544 min
Delta R.T.: 0.000 min
Response: 596983
Conc: 611.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



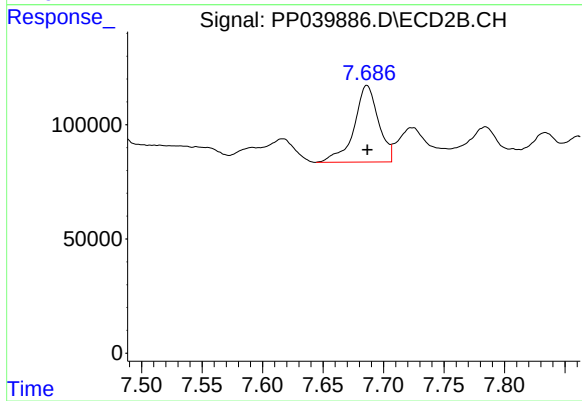
#33 AR-1260-3

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 715087
Conc: 539.31 ng/ml



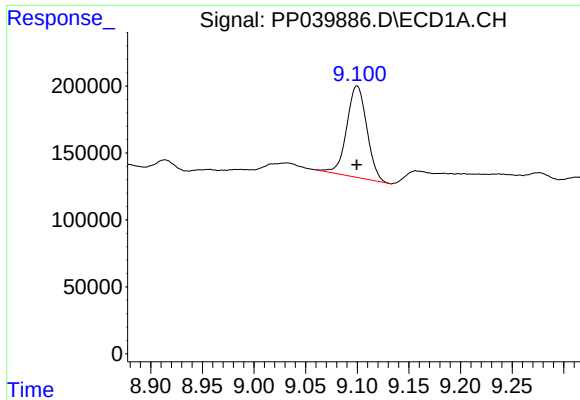
#34 AR-1260-4

R.T.: 8.775 min
Delta R.T.: 0.000 min
Response: 739042
Conc: 663.66 ng/ml



#34 AR-1260-4

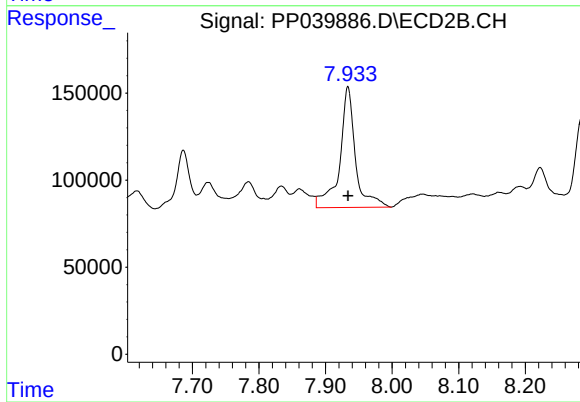
R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 471926
Conc: 508.65 ng/ml



#35 AR-1260-5

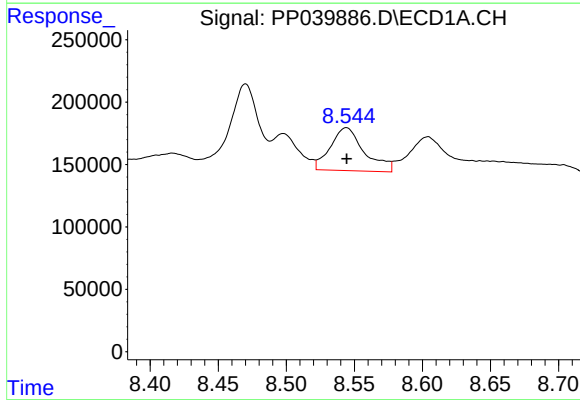
R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 926242
Conc: 454.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



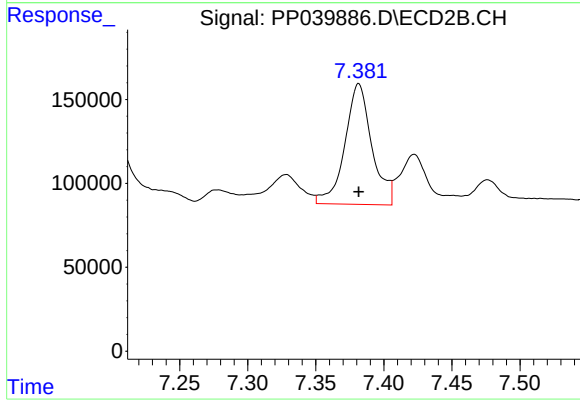
#35 AR-1260-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 1138361
Conc: 545.44 ng/ml



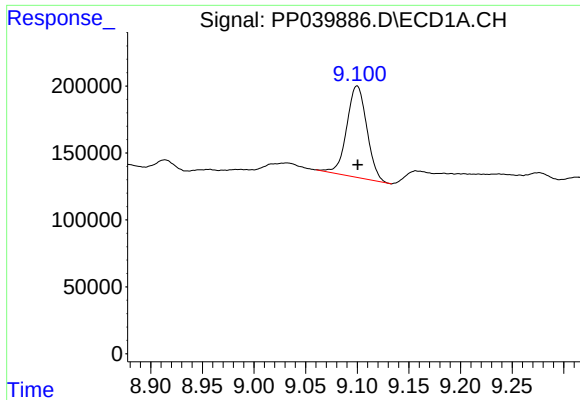
#36 AR-1262-1

R.T.: 8.544 min
Delta R.T.: 0.000 min
Response: 596983
Conc: 423.50 ng/ml



#36 AR-1262-1

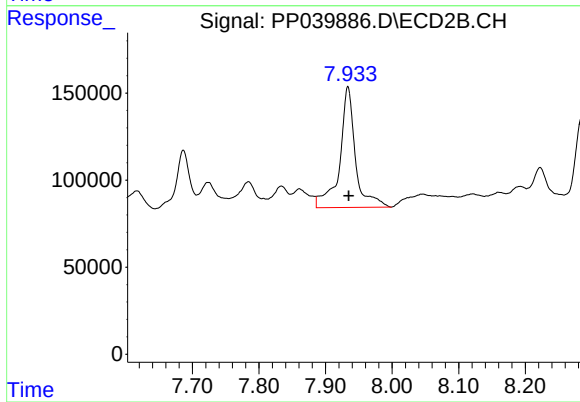
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 991826
Conc: 1378.62 ng/ml



#37 AR-1262-2

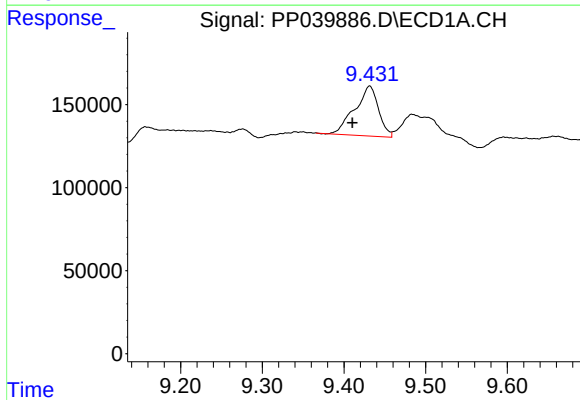
R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 926242
Conc: 387.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



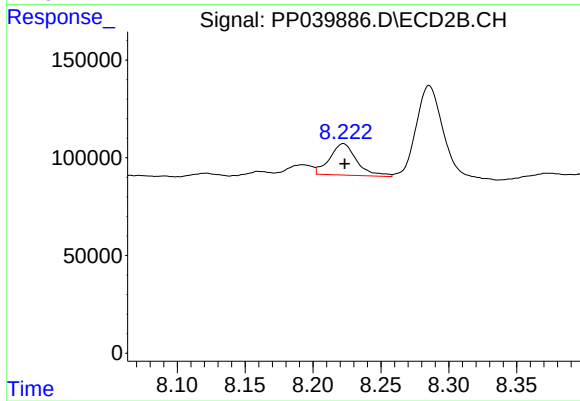
#37 AR-1262-2

R.T.: 7.934 min
Delta R.T.: -0.001 min
Response: 1138361
Conc: 492.93 ng/ml



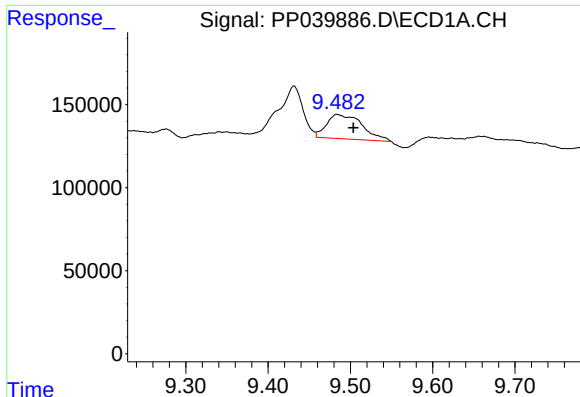
#38 AR-1262-3

R.T.: 9.431 min
Delta R.T.: 0.021 min
Response: 608889
Conc: 540.49 ng/ml



#38 AR-1262-3

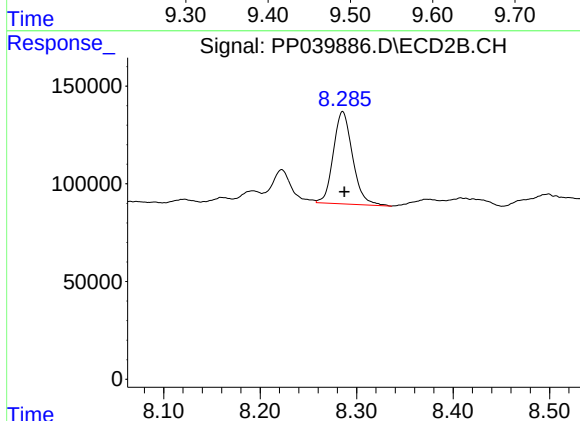
R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 223318
Conc: 217.77 ng/ml



#39 AR-1262-4

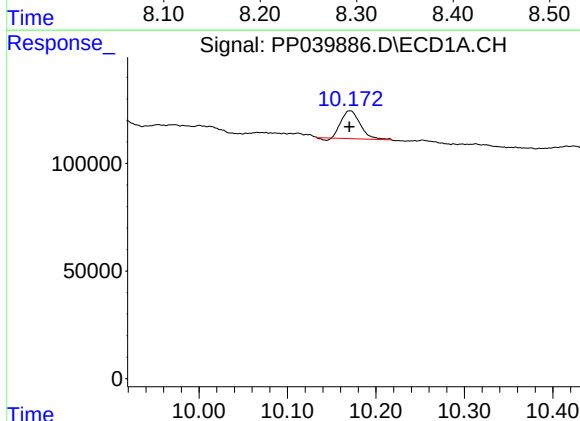
R.T.: 9.484 min
Delta R.T.: -0.020 min
Response: 441236
Conc: 617.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



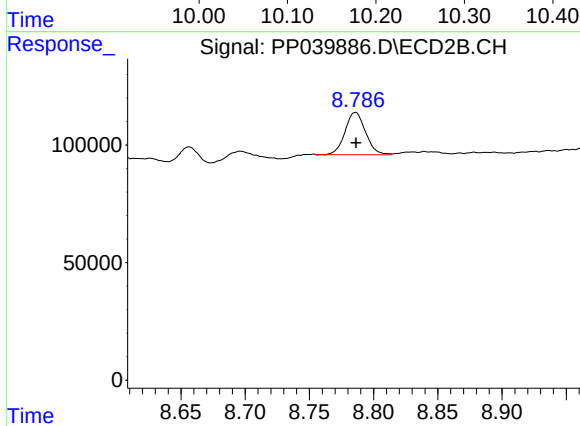
#39 AR-1262-4

R.T.: 8.286 min
Delta R.T.: -0.002 min
Response: 654656
Conc: 360.12 ng/ml



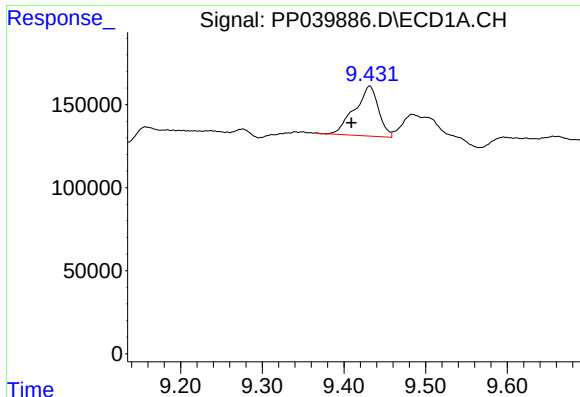
#40 AR-1262-5

R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 192800
Conc: 215.51 ng/ml



#40 AR-1262-5

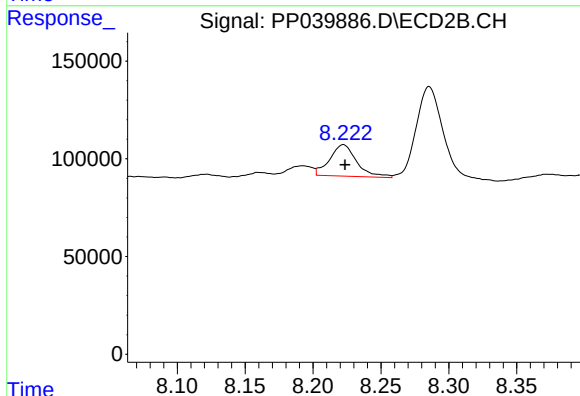
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 199122
Conc: 216.91 ng/ml



#41 AR-1268-1

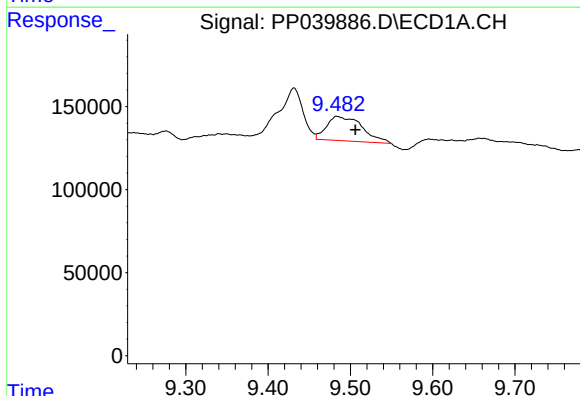
R.T.: 9.431 min
Delta R.T.: 0.022 min
Response: 608889
Conc: 206.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



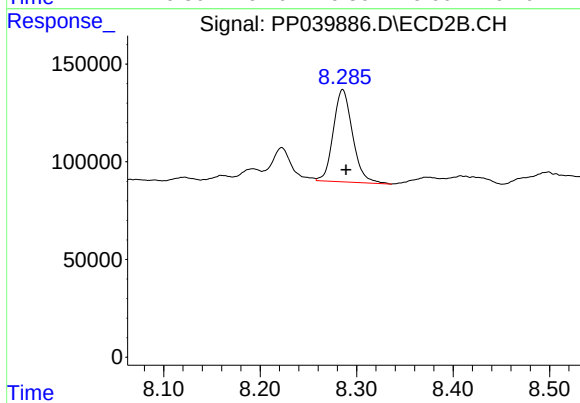
#41 AR-1268-1

R.T.: 8.222 min
Delta R.T.: -0.001 min
Response: 223318
Conc: 76.48 ng/ml



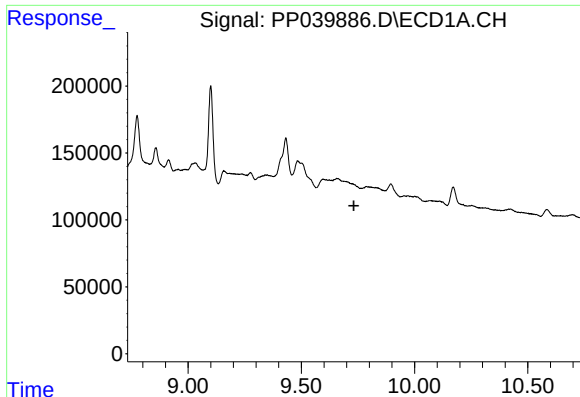
#42 AR-1268-2

R.T.: 9.484 min
Delta R.T.: -0.023 min
Response: 441236
Conc: 159.18 ng/ml



#42 AR-1268-2

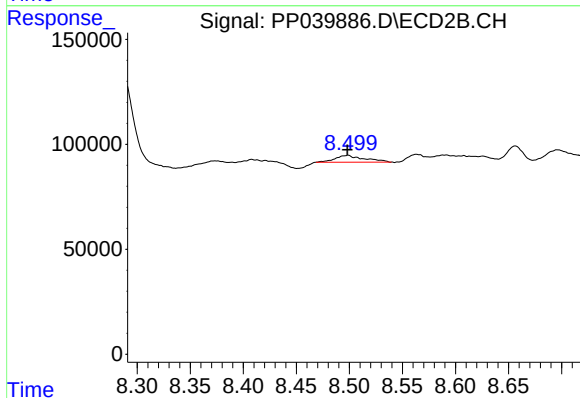
R.T.: 8.286 min
Delta R.T.: -0.004 min
Response: 654656
Conc: 245.30 ng/ml



#43 AR-1268-3

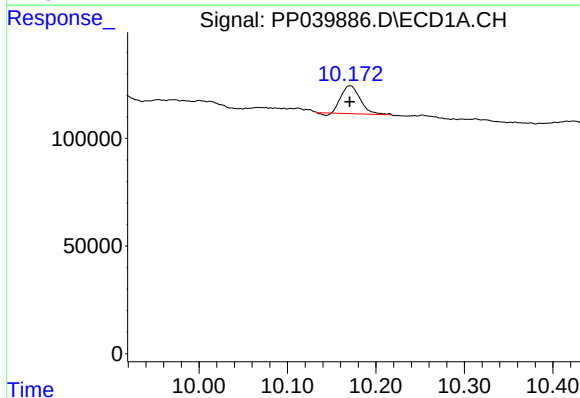
R.T.: 0.000 min
Exp R.T.: 9.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



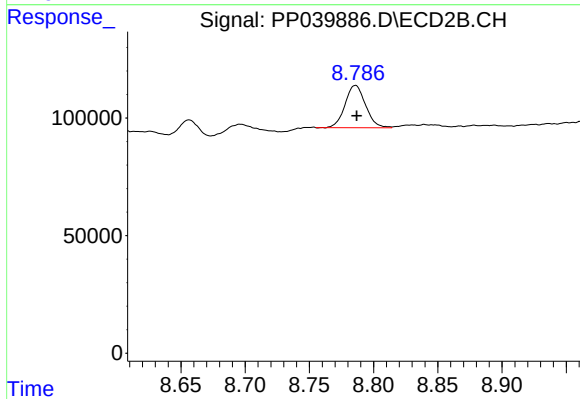
#43 AR-1268-3

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 62029
Conc: 26.49 ng/ml



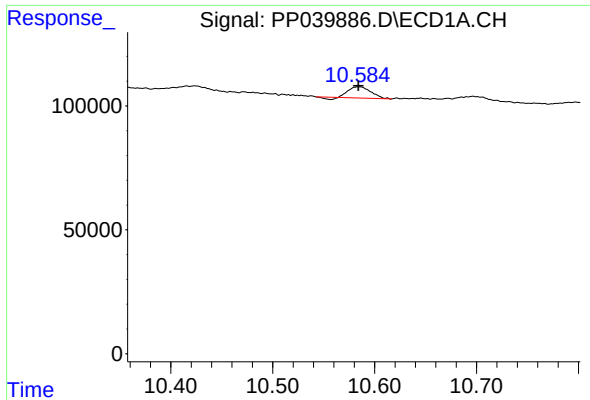
#44 AR-1268-4

R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 192800
Conc: 192.29 ng/ml



#44 AR-1268-4

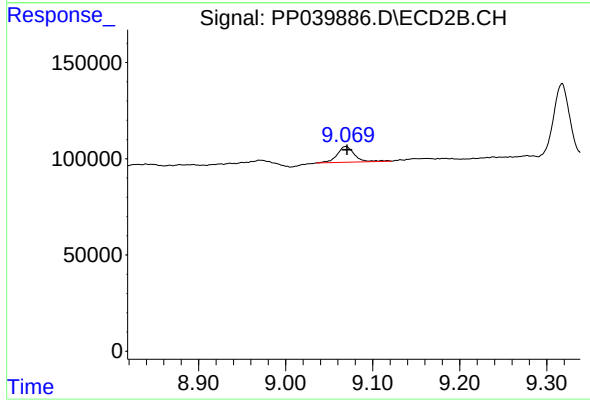
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 199122
Conc: 195.00 ng/ml



#45 AR-1268-5

R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 66158
Conc: 8.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 114114
Conc: 15.37 ng/ml