

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122921\
 Data File : PP042338.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Dec 2021 12:09
 Operator : AJ\MA
 Sample : M5244-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 00:12:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP122321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 24 23:47:53 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...	4.922	4.059	298129	528700	22.706	23.149
2)	SA Decachlor...	10.918	9.406	353647	430398	29.034	26.614
Target Compounds							
3)	L1 AR-1016-1	6.230	5.327	22604	43210	50.853	47.137
4)	L1 AR-1016-2	6.255	5.348	38768	86420	58.609	68.587
5)	L1 AR-1016-3	6.322	5.542	27223	40436	66.741	57.577
6)	L1 AR-1016-4	6.426	5.590	25573	69216	78.498	127.463 #
7)	L1 AR-1016-5	6.745	5.827	23823	15142	69.413	23.223 #
8)	L2 AR-1221-1	5.156	0.000	86335	0	544.845	N.D. #
9)	L2 AR-1221-2	5.265	4.444f	6668	40773	59.142	192.078 #
10)	L2 AR-1221-3	5.349	4.509	18971	39834	54.230	57.271
11)	L3 AR-1232-1	5.349	4.509	18971	39834	65.675	68.132
12)	L3 AR-1232-2	5.942	5.348	50267	86420	339.083	162.407 #
13)	L3 AR-1232-3	6.255	5.542	38768	40436	148.174	141.272
14)	L3 AR-1232-4	6.426	5.637	25573	42373	195.111	175.676
15)	L3 AR-1232-5	6.528	5.827	31044	15142	300.846	62.360 #
16)	L4 AR-1242-1	6.230	5.327	22604	43210	69.323	63.459
17)	L4 AR-1242-2	6.255	5.348	38768	86420	81.229	92.790
18)	L4 AR-1242-3	6.322	5.542	27223	40436	90.893	76.517
19)	L4 AR-1242-4	6.426	5.637	25573	42373	104.377	83.748
20)	L4 AR-1242-5	7.211	6.205	22525	69201	86.604	116.735 #
21)	L5 AR-1248-1	6.230	5.327	22604	43210	90.289	83.174
22)	L5 AR-1248-2	6.528	5.590	31044	69216	87.899	98.291
23)	L5 AR-1248-3	6.745	5.637	23823	42373	56.647	57.103
24)	L5 AR-1248-4	7.170	5.827	22362	15142	49.320	17.986 #
25)	L5 AR-1248-5	7.211	6.232f	22525	81272	50.519	98.117 #
26)	L6 AR-1254-1	7.142	6.205	50054	69201	100.404	55.326 #
27)	L6 AR-1254-2	7.374	6.365	40482	32855	52.805	30.191 #
28)	L6 AR-1254-3	7.753	6.790	54831	37635	71.063	22.654 #
29)	L6 AR-1254-4	8.052	7.028	24584	8494	44.184	8.707 #
30)	L6 AR-1254-5	8.500f	7.460	57488	35570	91.806	27.758 #
31)	L7 AR-1260-1	7.924	6.925	34925	25868	58.933	24.341 #
32)	L7 AR-1260-2	8.187	7.121	31082	11403	40.255	9.237 #
33)	L7 AR-1260-3	8.559	7.282	19084	17150	36.891	12.799 #
34)	L7 AR-1260-4	0.000	7.766	0	7713	N.D.	8.638 #
35)	L7 AR-1260-5	9.114	0.000	21120	0	18.050	N.D. #
36)	L8 AR-1262-1	8.559	7.460	19084	35570	24.868	53.460 #
37)	L8 AR-1262-2	9.114	7.766	21120	7713	17.232	7.111 #
38)	L8 AR-1262-3	0.000	8.336f	0	61211	N.D.	80.345 #
39)	L8 AR-1262-4	9.528f	0.000	4631	0	12.566	N.D. #
41)	L9 AR-1268-1	0.000	8.336f	0	61211	N.D.	27.050 #
42)	L9 AR-1268-2	9.528	0.000	4631	0	3.264	N.D. #

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 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
43) L9	AR-1268-3	9.745	0.000	1485	0	1.154	N.D. #

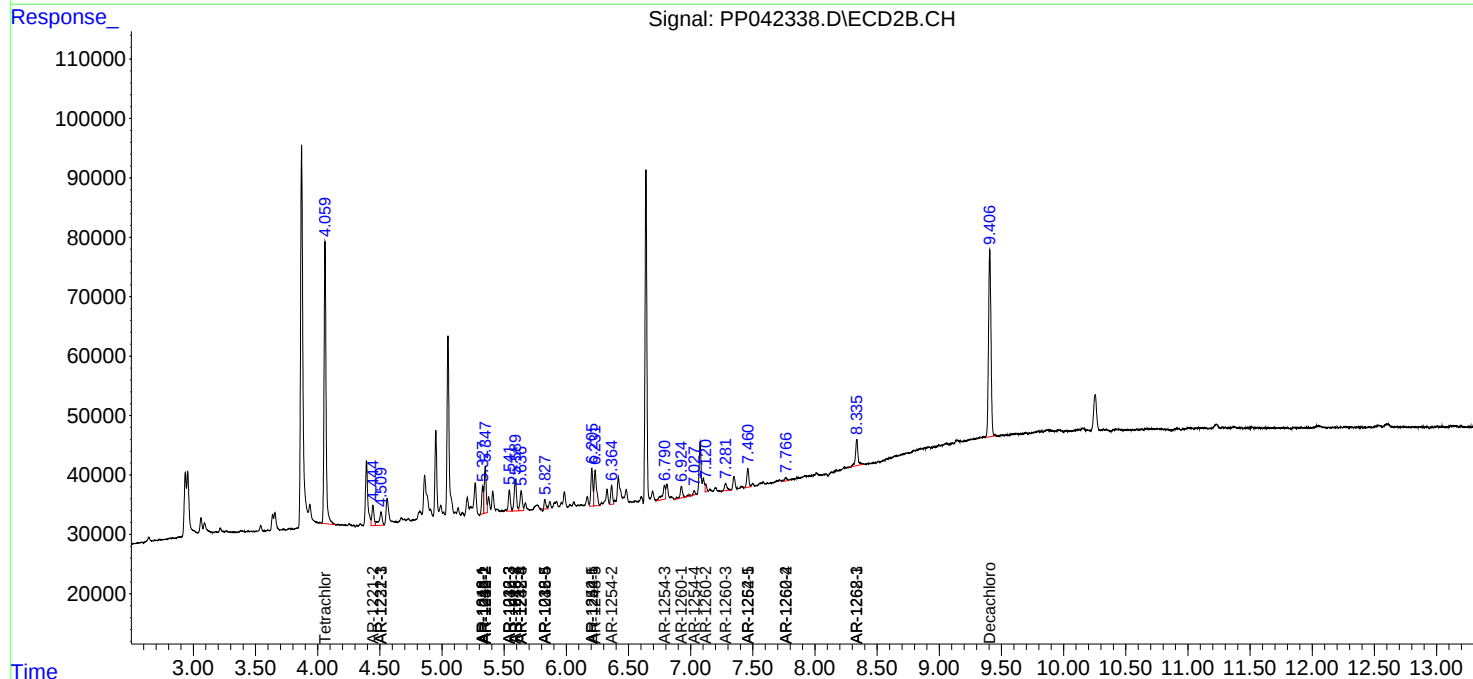
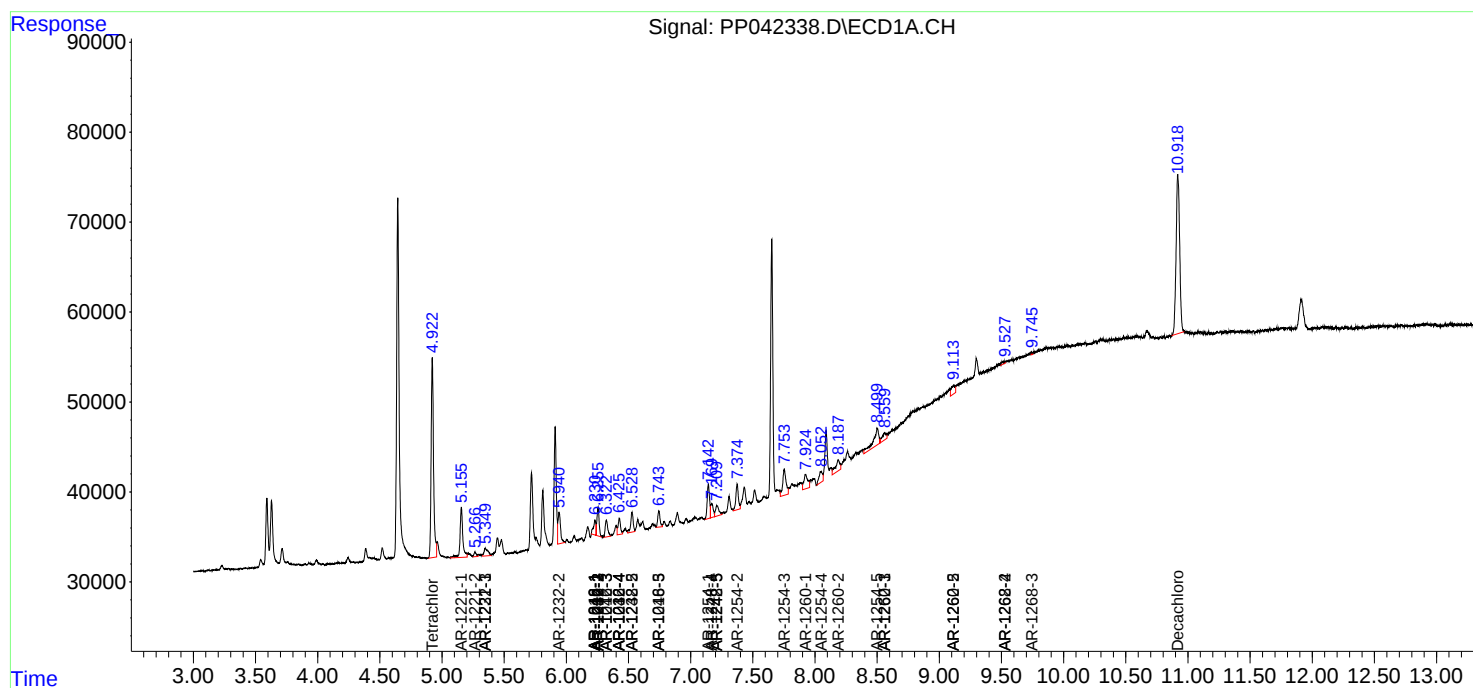
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

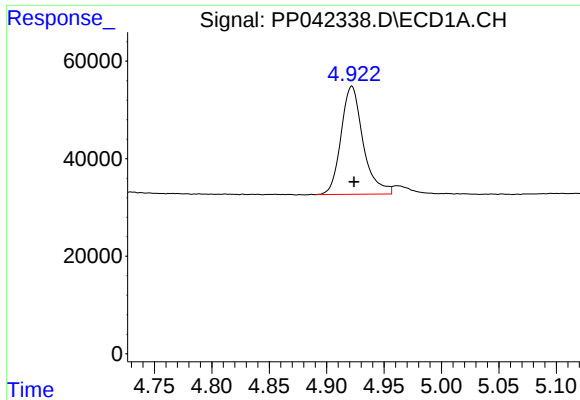
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122921\
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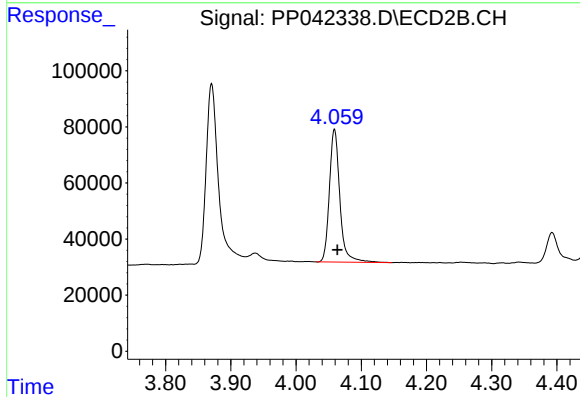




#1 Tetrachloro-m-xylene

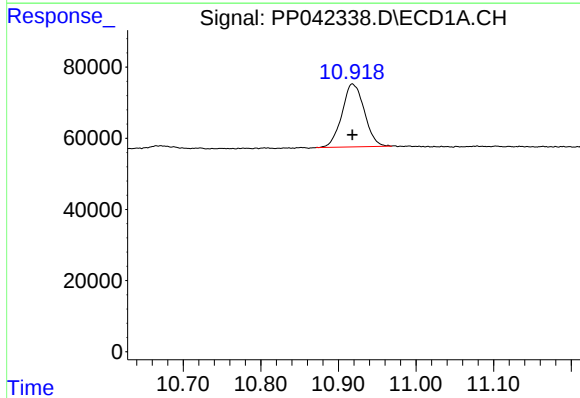
R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 298129
Conc: 22.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



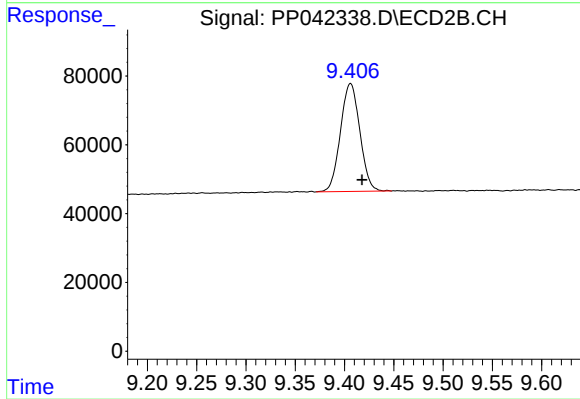
#1 Tetrachloro-m-xylene

R.T.: 4.059 min
Delta R.T.: -0.005 min
Response: 528700
Conc: 23.15 ng/ml



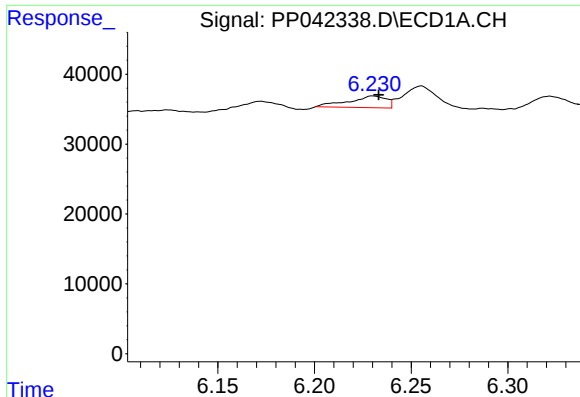
#2 Decachlorobiphenyl

R.T.: 10.918 min
Delta R.T.: 0.000 min
Response: 353647
Conc: 29.03 ng/ml



#2 Decachlorobiphenyl

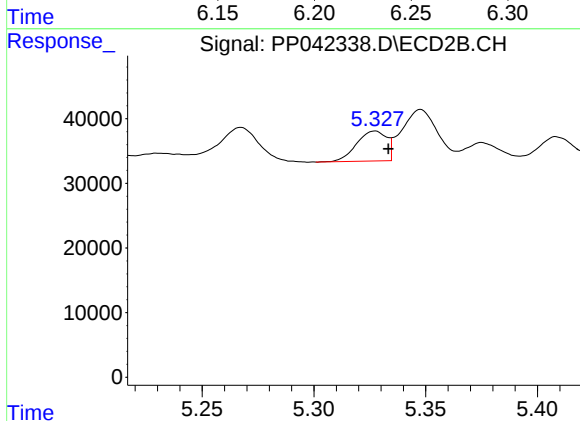
R.T.: 9.406 min
Delta R.T.: -0.012 min
Response: 430398
Conc: 26.61 ng/ml



#3 AR-1016-1

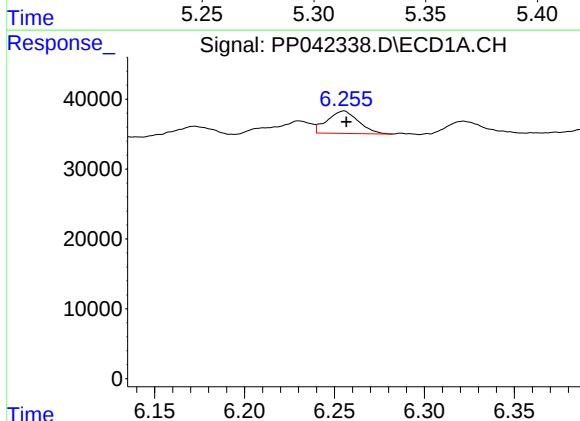
R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 22604
Conc: 50.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



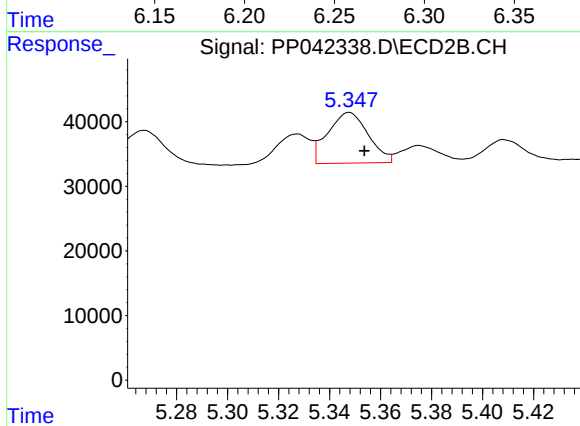
#3 AR-1016-1

R.T.: 5.327 min
Delta R.T.: -0.006 min
Response: 43210
Conc: 47.14 ng/ml



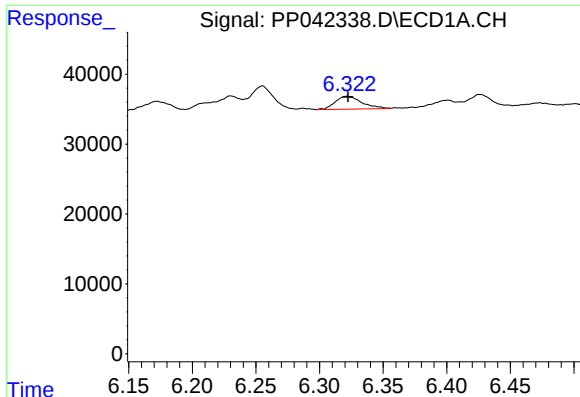
#4 AR-1016-2

R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 38768
Conc: 58.61 ng/ml



#4 AR-1016-2

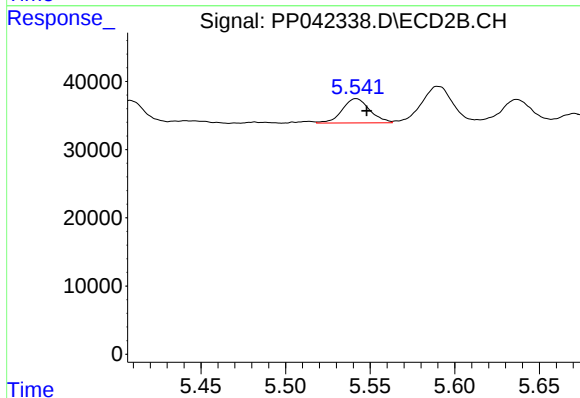
R.T.: 5.348 min
Delta R.T.: -0.006 min
Response: 86420
Conc: 68.59 ng/ml



#5 AR-1016-3

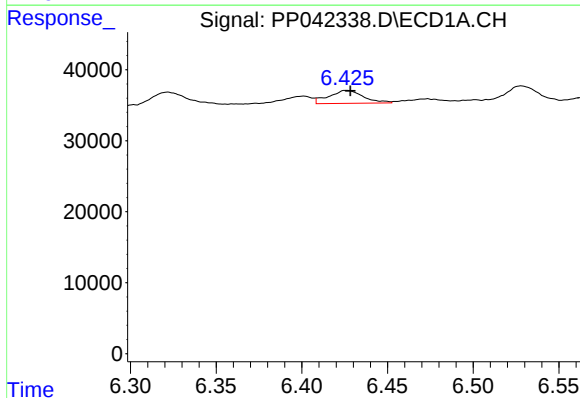
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 27223
Conc: 66.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



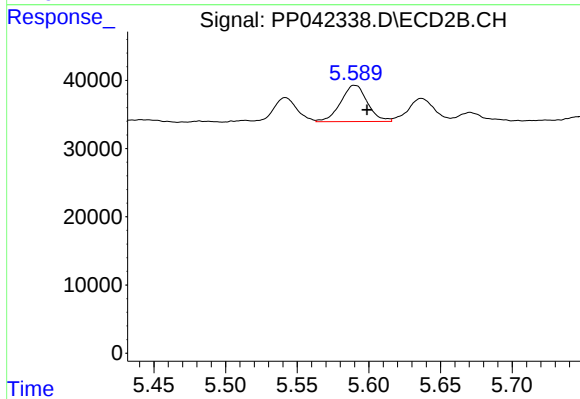
#5 AR-1016-3

R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 40436
Conc: 57.58 ng/ml



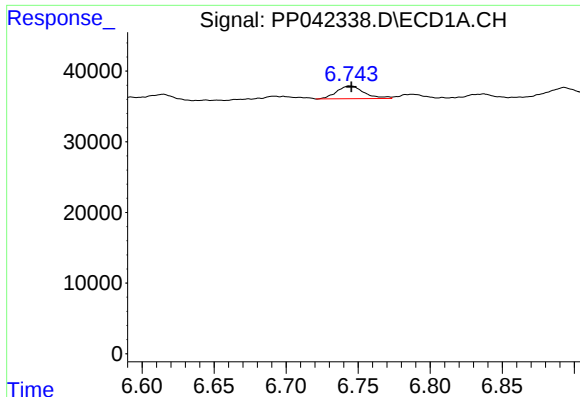
#6 AR-1016-4

R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 25573
Conc: 78.50 ng/ml



#6 AR-1016-4

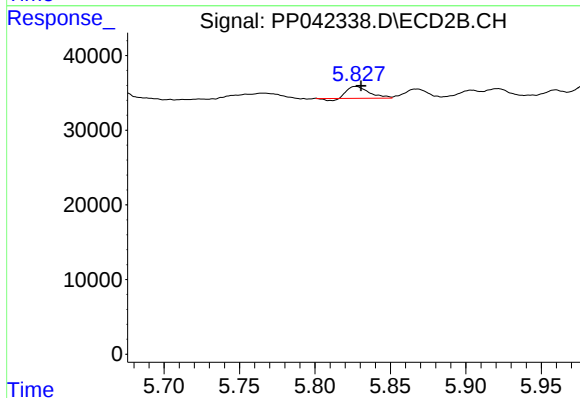
R.T.: 5.590 min
Delta R.T.: -0.008 min
Response: 69216
Conc: 127.46 ng/ml



#7 AR-1016-5

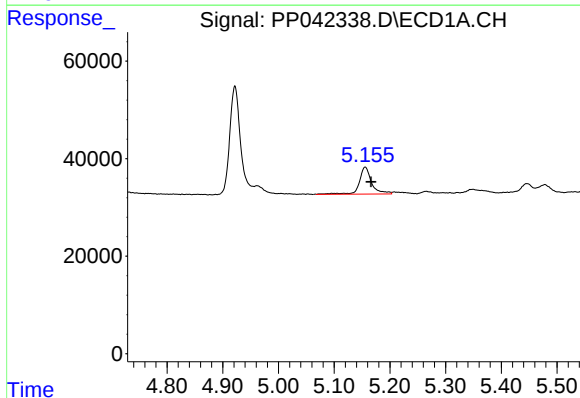
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 23823
Conc: 69.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



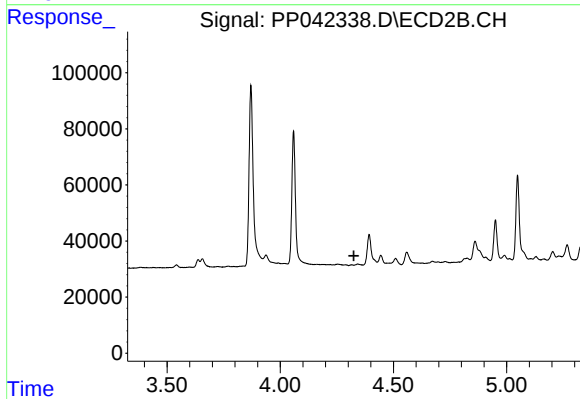
#7 AR-1016-5

R.T.: 5.827 min
Delta R.T.: -0.003 min
Response: 15142
Conc: 23.22 ng/ml



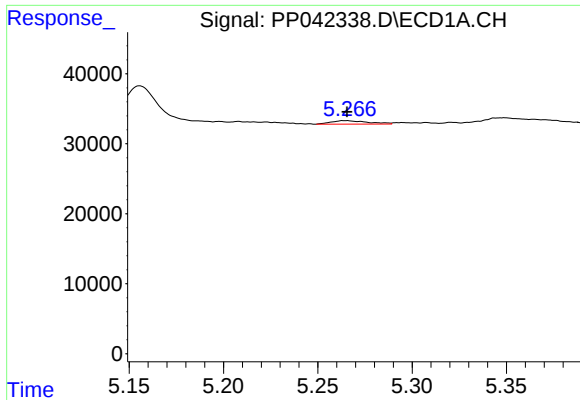
#8 AR-1221-1

R.T.: 5.156 min
Delta R.T.: -0.010 min
Response: 86335
Conc: 544.84 ng/ml



#8 AR-1221-1

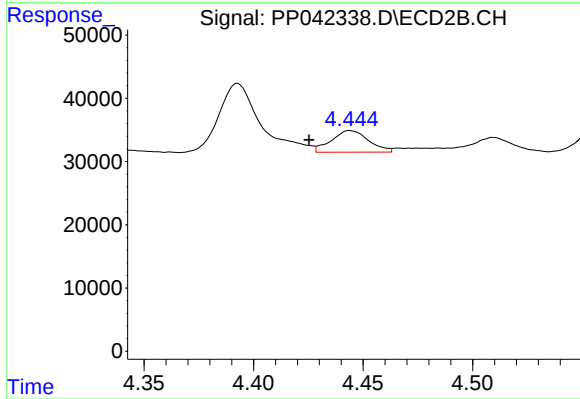
R.T.: 0.000 min
Exp R.T. : 4.325 min
Response: 0
Conc: N.D.



#9 AR-1221-2

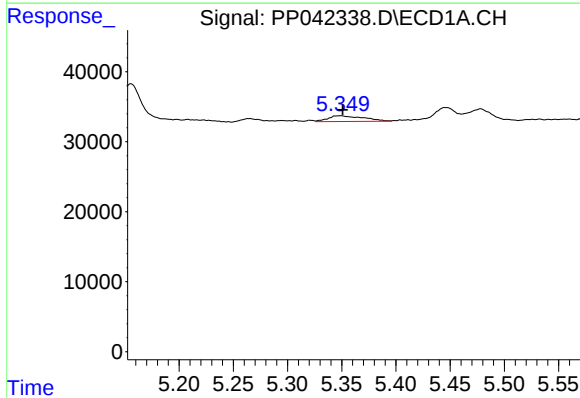
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 6668
Conc: 59.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



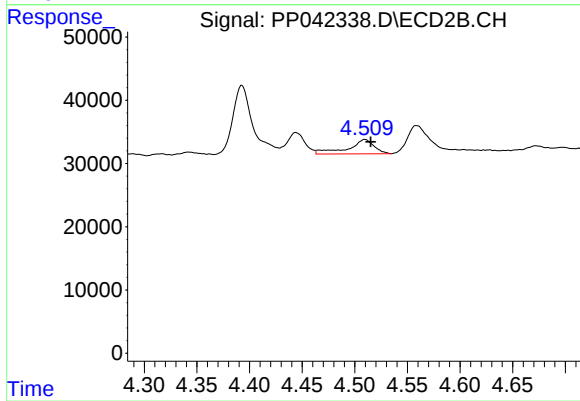
#9 AR-1221-2

R.T.: 4.444 min
Delta R.T.: 0.019 min
Response: 40773
Conc: 192.08 ng/ml



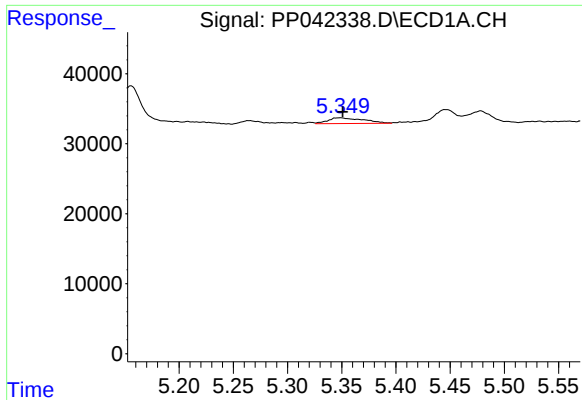
#10 AR-1221-3

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 18971
Conc: 54.23 ng/ml



#10 AR-1221-3

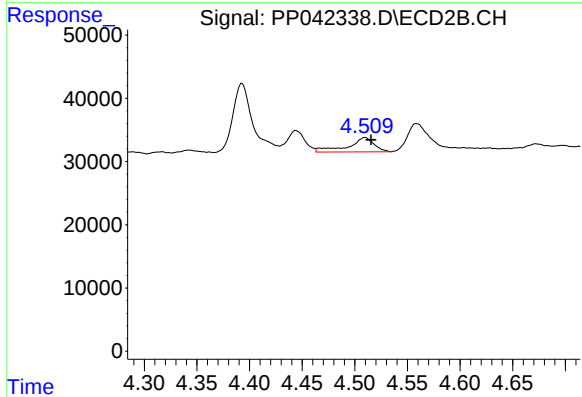
R.T.: 4.509 min
Delta R.T.: -0.006 min
Response: 39834
Conc: 57.27 ng/ml



#11 AR-1232-1

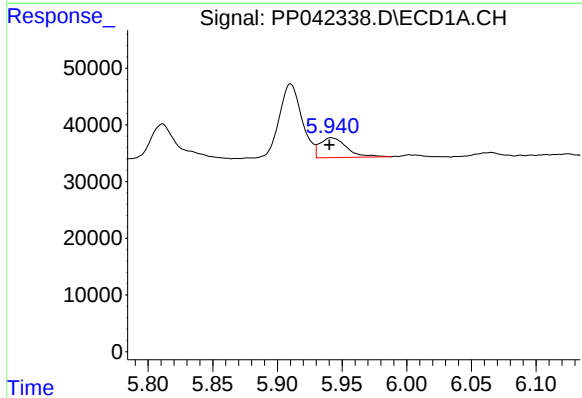
R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 18971
Conc: 65.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



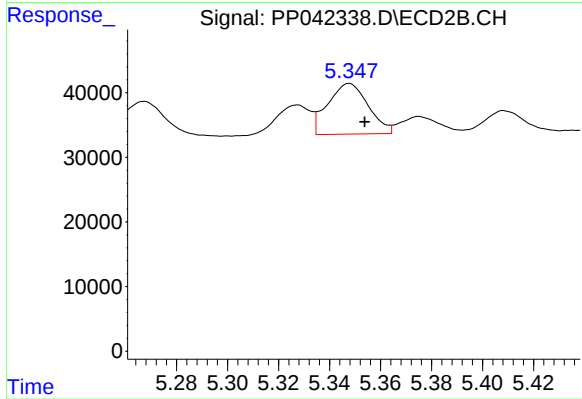
#11 AR-1232-1

R.T.: 4.509 min
Delta R.T.: -0.006 min
Response: 39834
Conc: 68.13 ng/ml



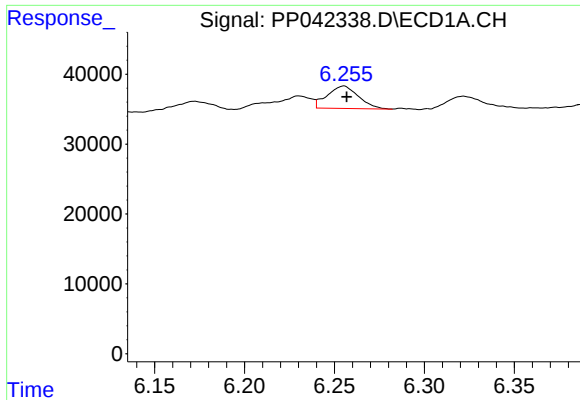
#12 AR-1232-2

R.T.: 5.942 min
Delta R.T.: 0.001 min
Response: 50267
Conc: 339.08 ng/ml



#12 AR-1232-2

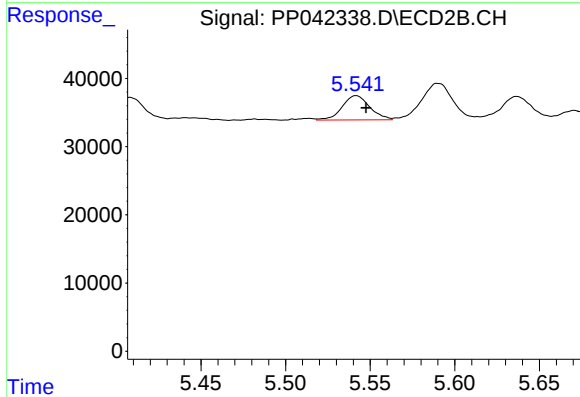
R.T.: 5.348 min
Delta R.T.: -0.006 min
Response: 86420
Conc: 162.41 ng/ml



#13 AR-1232-3

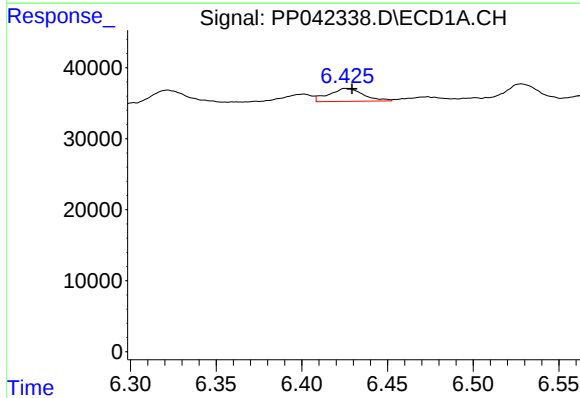
R.T.: 6.255 min
Delta R.T.: -0.002 min
Response: 38768
Conc: 148.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



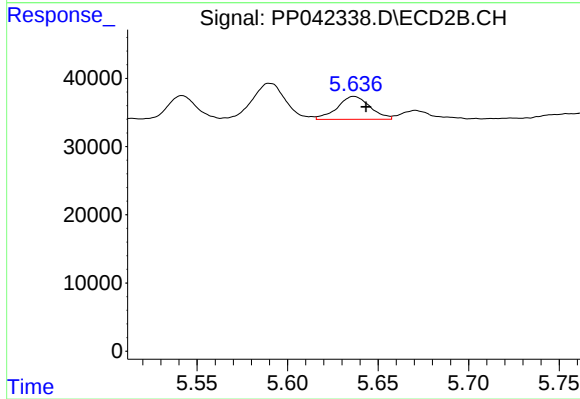
#13 AR-1232-3

R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 40436
Conc: 141.27 ng/ml



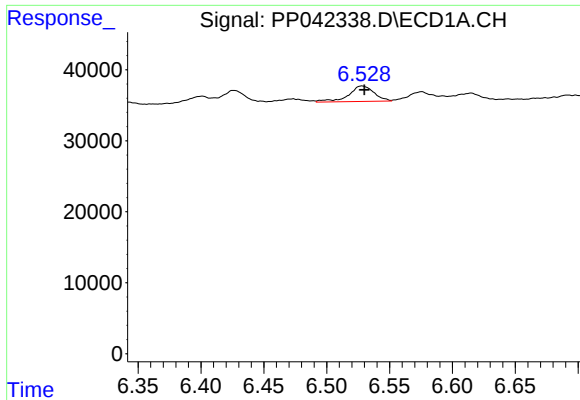
#14 AR-1232-4

R.T.: 6.426 min
Delta R.T.: -0.003 min
Response: 25573
Conc: 195.11 ng/ml



#14 AR-1232-4

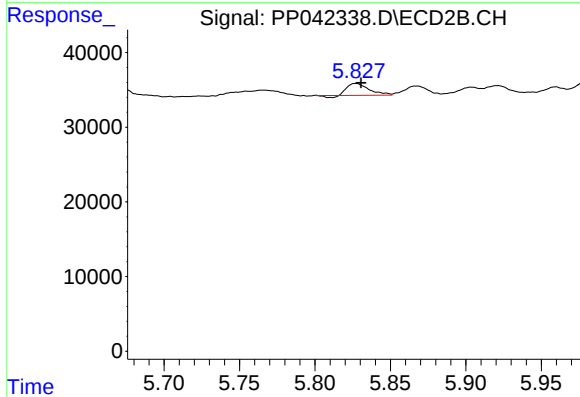
R.T.: 5.637 min
Delta R.T.: -0.007 min
Response: 42373
Conc: 175.68 ng/ml



#15 AR-1232-5

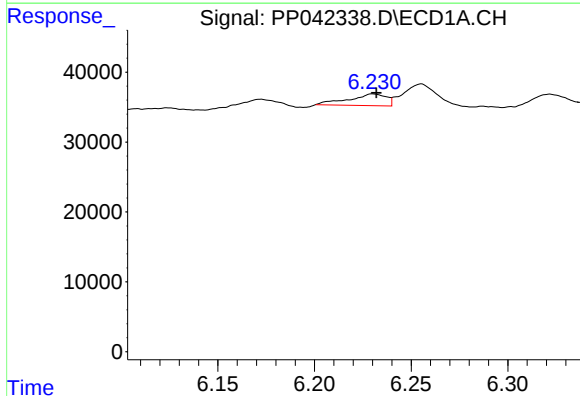
R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 31044
Conc: 300.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



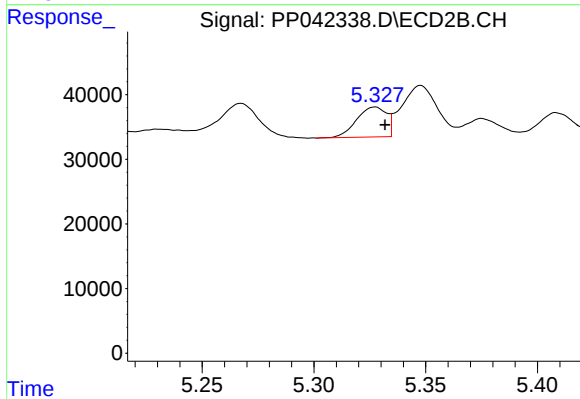
#15 AR-1232-5

R.T.: 5.827 min
Delta R.T.: -0.004 min
Response: 15142
Conc: 62.36 ng/ml



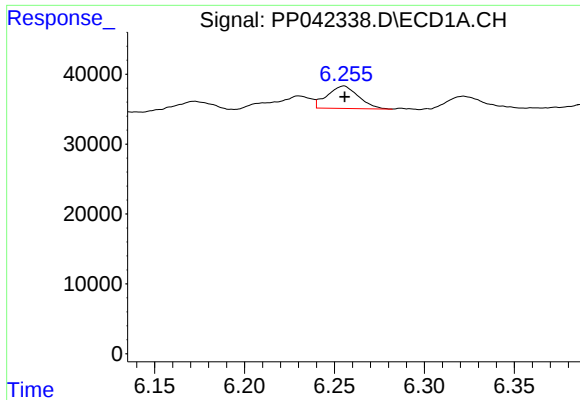
#16 AR-1242-1

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 22604
Conc: 69.32 ng/ml



#16 AR-1242-1

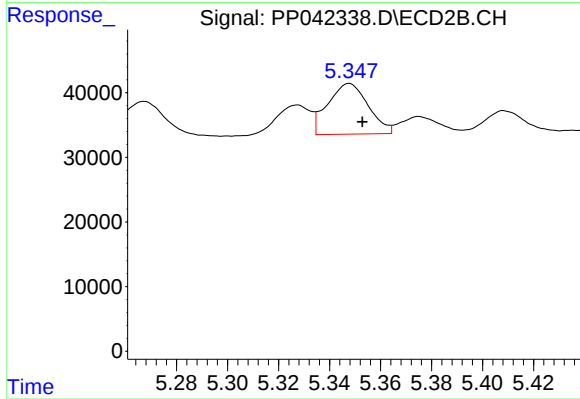
R.T.: 5.327 min
Delta R.T.: -0.004 min
Response: 43210
Conc: 63.46 ng/ml



#17 AR-1242-2

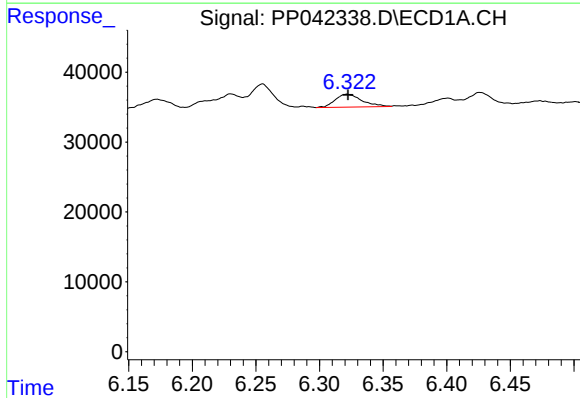
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 38768
Conc: 81.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



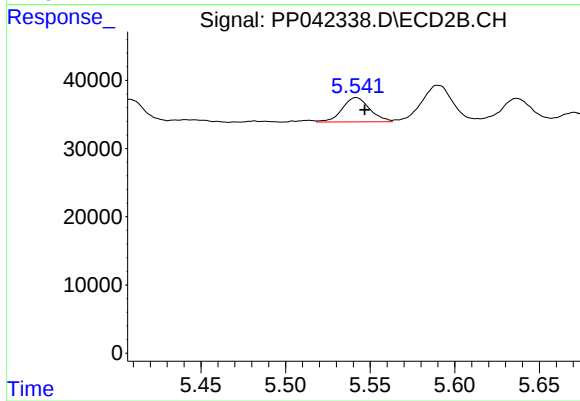
#17 AR-1242-2

R.T.: 5.348 min
Delta R.T.: -0.005 min
Response: 86420
Conc: 92.79 ng/ml



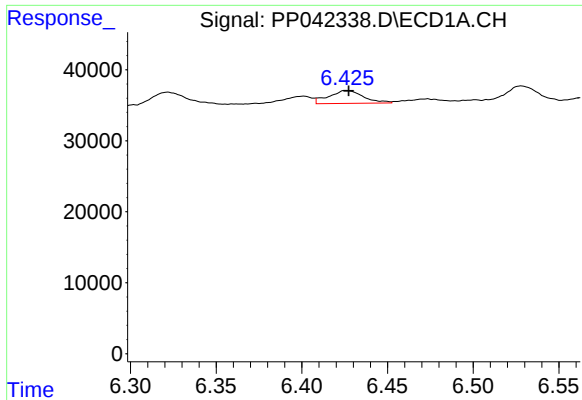
#18 AR-1242-3

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 27223
Conc: 90.89 ng/ml



#18 AR-1242-3

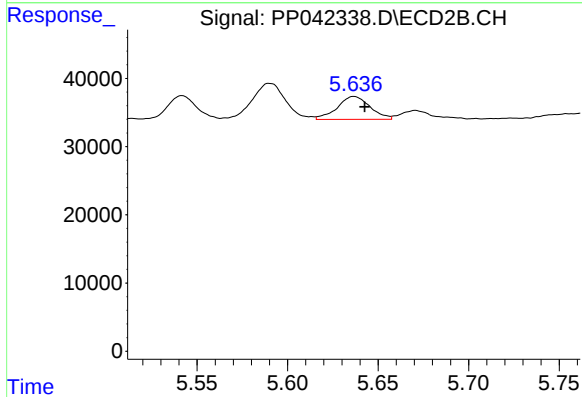
R.T.: 5.542 min
Delta R.T.: -0.005 min
Response: 40436
Conc: 76.52 ng/ml



#19 AR-1242-4

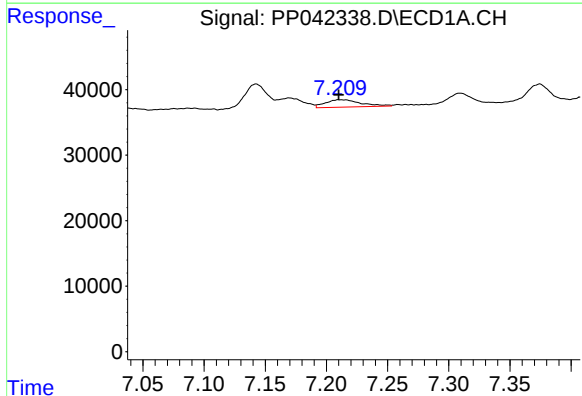
R.T.: 6.426 min
Delta R.T.: -0.001 min
Response: 25573
Conc: 104.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



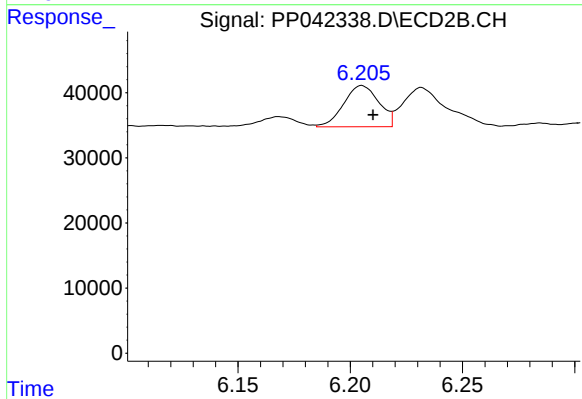
#19 AR-1242-4

R.T.: 5.637 min
Delta R.T.: -0.006 min
Response: 42373
Conc: 83.75 ng/ml



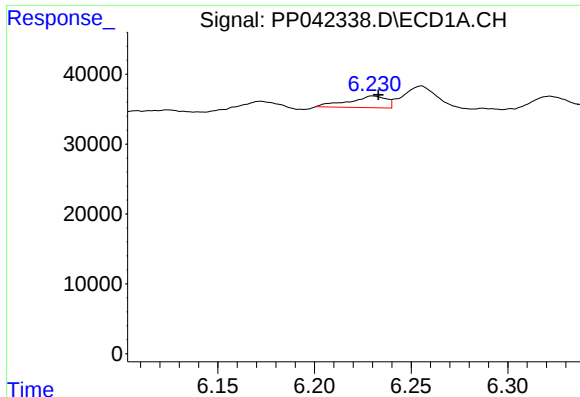
#20 AR-1242-5

R.T.: 7.211 min
Delta R.T.: 0.000 min
Response: 22525
Conc: 86.60 ng/ml



#20 AR-1242-5

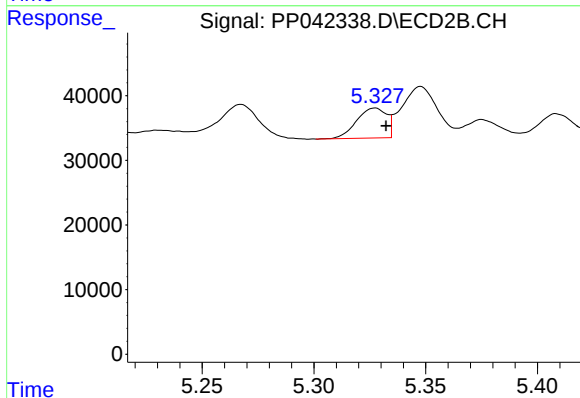
R.T.: 6.205 min
Delta R.T.: -0.005 min
Response: 69201
Conc: 116.74 ng/ml



#21 AR-1248-1

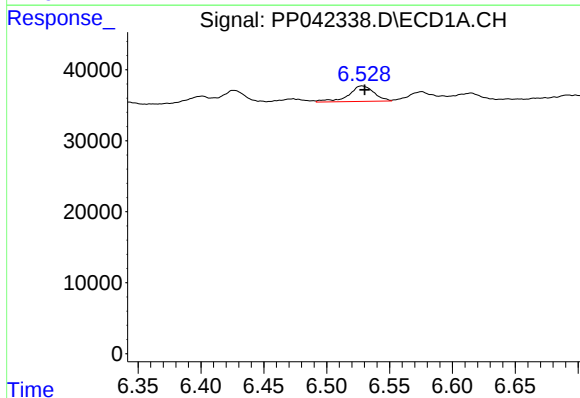
R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 22604
Conc: 90.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



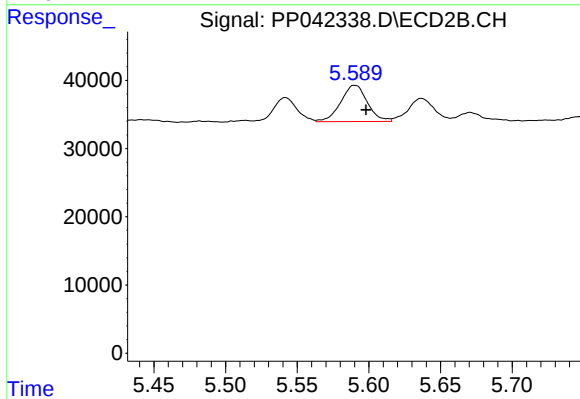
#21 AR-1248-1

R.T.: 5.327 min
Delta R.T.: -0.005 min
Response: 43210
Conc: 83.17 ng/ml



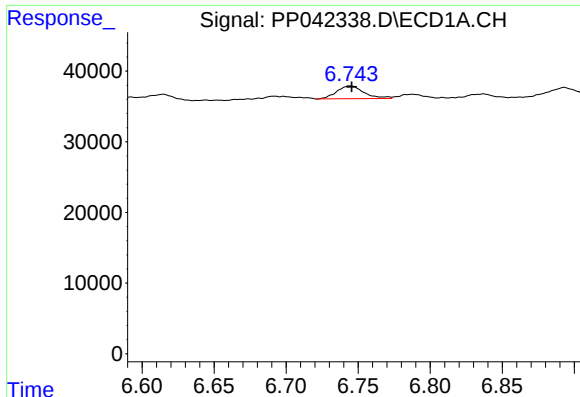
#22 AR-1248-2

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 31044
Conc: 87.90 ng/ml



#22 AR-1248-2

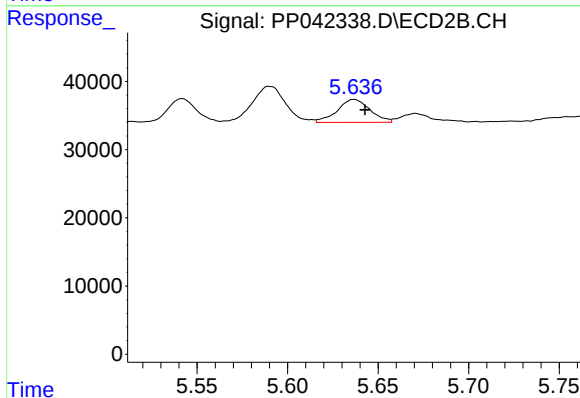
R.T.: 5.590 min
Delta R.T.: -0.008 min
Response: 69216
Conc: 98.29 ng/ml



#23 AR-1248-3

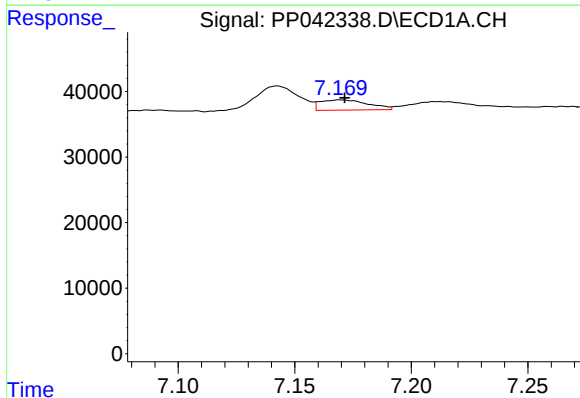
R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 23823
Conc: 56.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



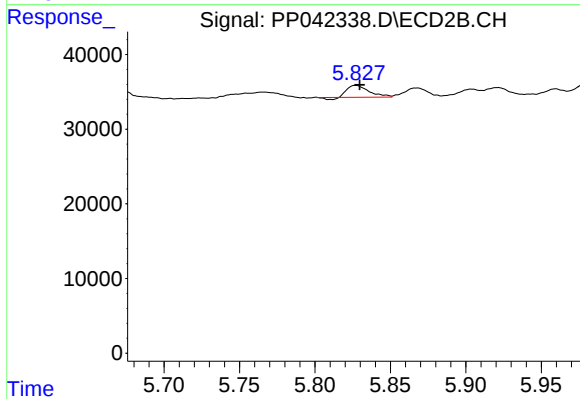
#23 AR-1248-3

R.T.: 5.637 min
Delta R.T.: -0.006 min
Response: 42373
Conc: 57.10 ng/ml



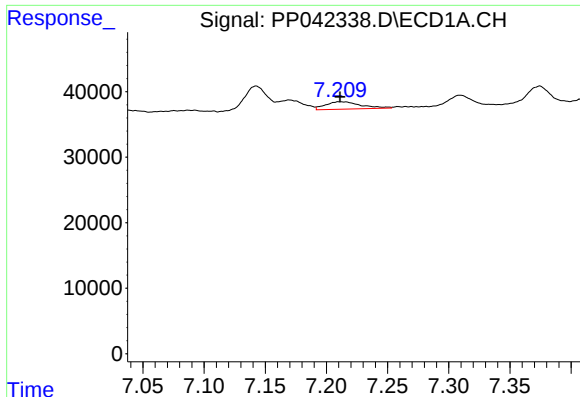
#24 AR-1248-4

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 22362
Conc: 49.32 ng/ml



#24 AR-1248-4

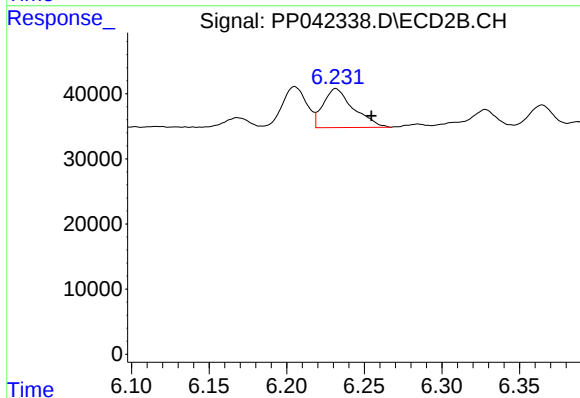
R.T.: 5.827 min
Delta R.T.: -0.003 min
Response: 15142
Conc: 17.99 ng/ml



#25 AR-1248-5

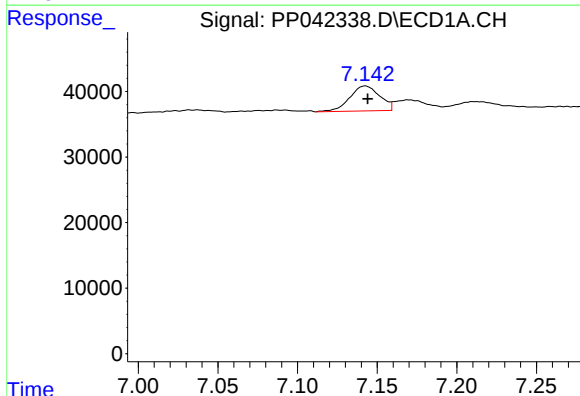
R.T.: 7.211 min
Delta R.T.: 0.000 min
Response: 22525
Conc: 50.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



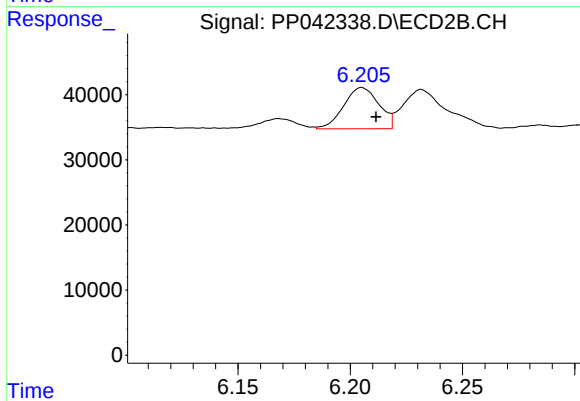
#25 AR-1248-5

R.T.: 6.232 min
Delta R.T.: -0.023 min
Response: 81272
Conc: 98.12 ng/ml



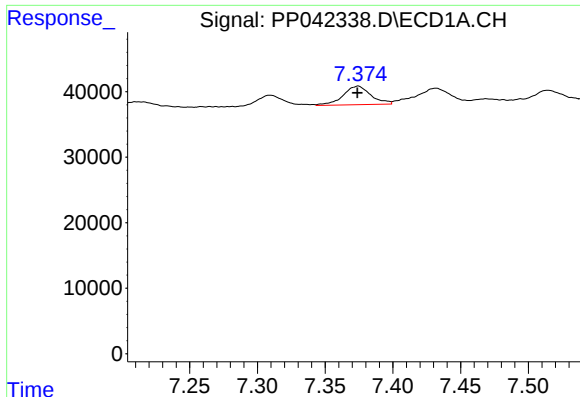
#26 AR-1254-1

R.T.: 7.142 min
Delta R.T.: -0.002 min
Response: 50054
Conc: 100.40 ng/ml



#26 AR-1254-1

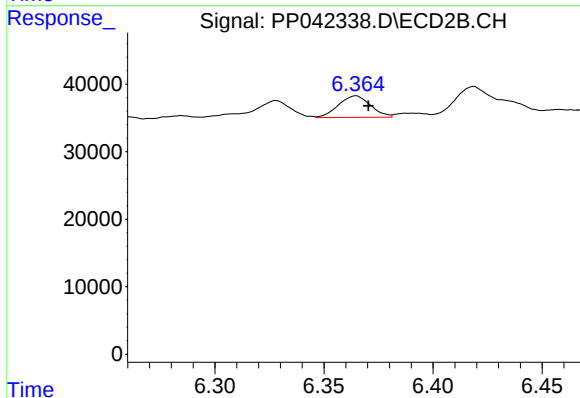
R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 69201
Conc: 55.33 ng/ml



#27 AR-1254-2

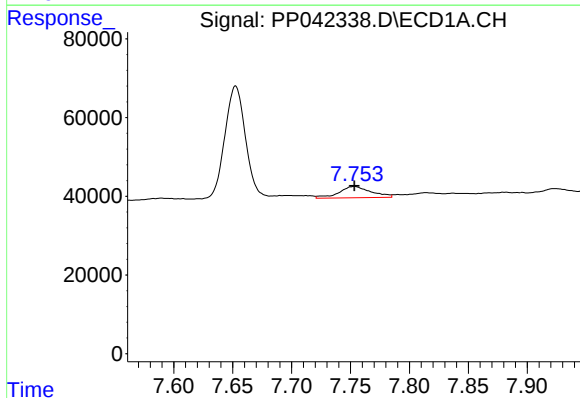
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 40482
Conc: 52.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



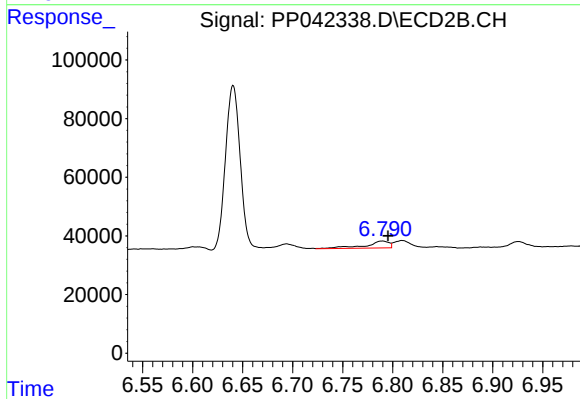
#27 AR-1254-2

R.T.: 6.365 min
Delta R.T.: -0.006 min
Response: 32855
Conc: 30.19 ng/ml



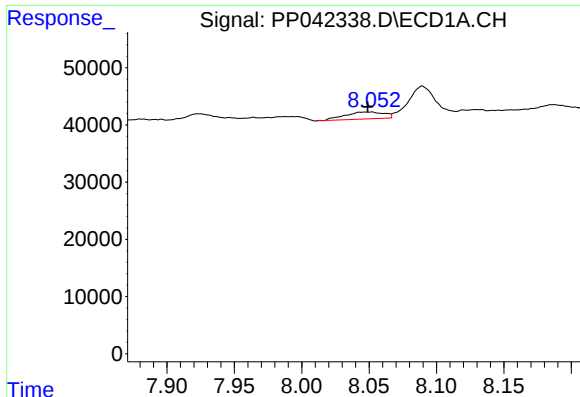
#28 AR-1254-3

R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 54831
Conc: 71.06 ng/ml



#28 AR-1254-3

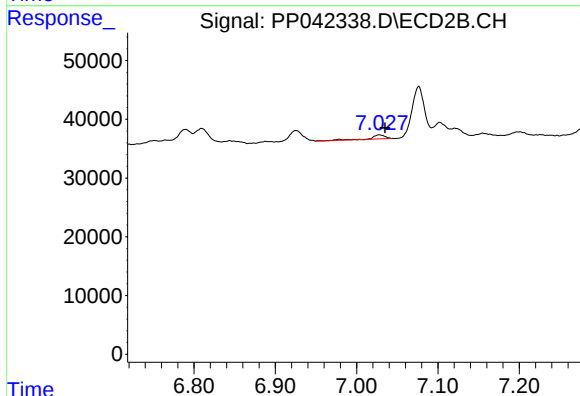
R.T.: 6.790 min
Delta R.T.: -0.006 min
Response: 37635
Conc: 22.65 ng/ml



#29 AR-1254-4

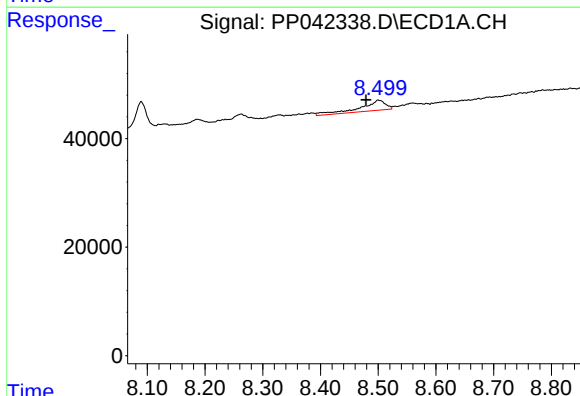
R.T.: 8.052 min
Delta R.T.: 0.003 min
Response: 24584
Conc: 44.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



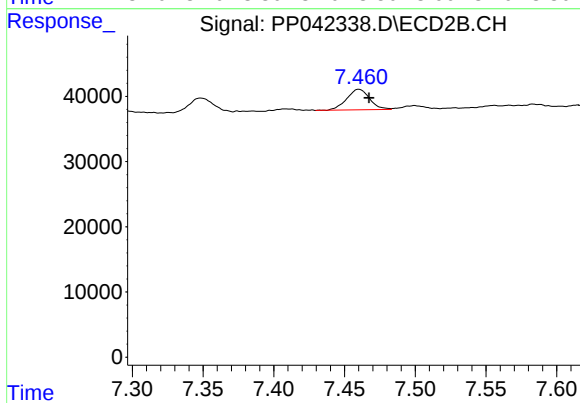
#29 AR-1254-4

R.T.: 7.028 min
Delta R.T.: -0.007 min
Response: 8494
Conc: 8.71 ng/ml



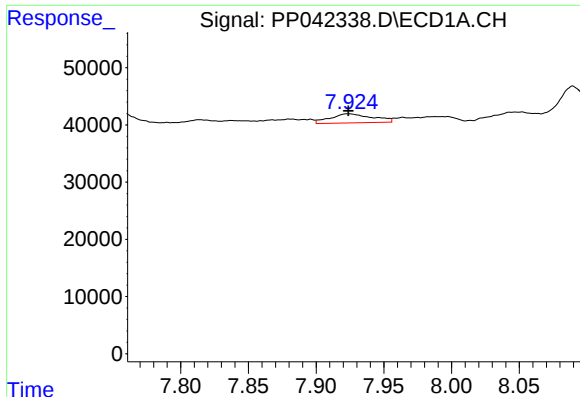
#30 AR-1254-5

R.T.: 8.500 min
Delta R.T.: 0.021 min
Response: 57488
Conc: 91.81 ng/ml



#30 AR-1254-5

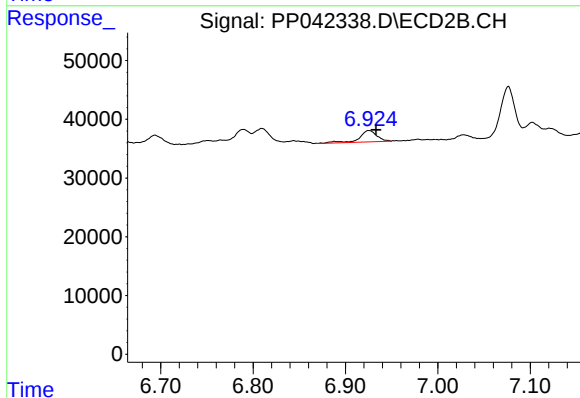
R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 35570
Conc: 27.76 ng/ml



#31 AR-1260-1

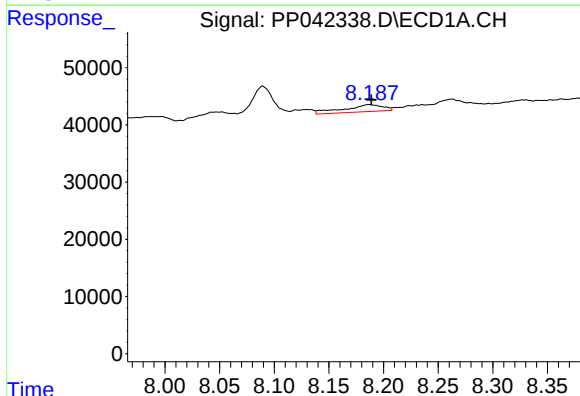
R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 34925
Conc: 58.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



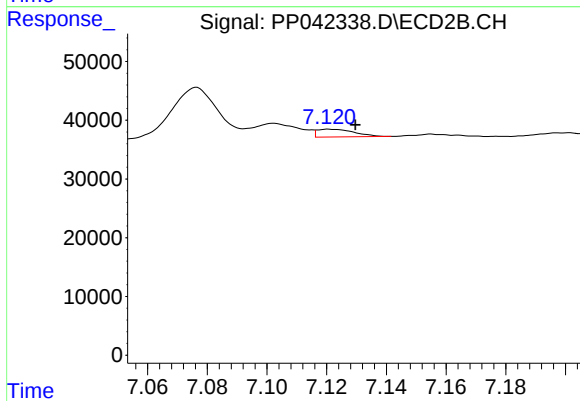
#31 AR-1260-1

R.T.: 6.925 min
Delta R.T.: -0.008 min
Response: 25868
Conc: 24.34 ng/ml



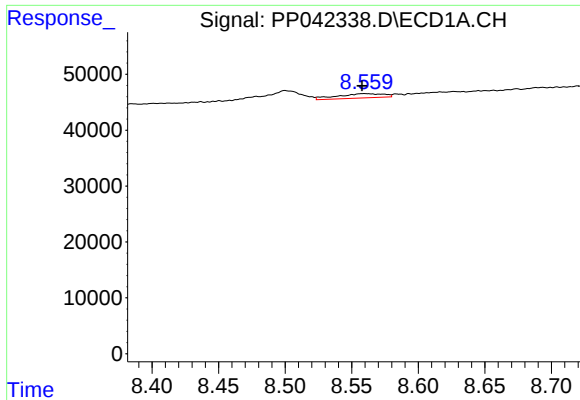
#32 AR-1260-2

R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 31082
Conc: 40.26 ng/ml



#32 AR-1260-2

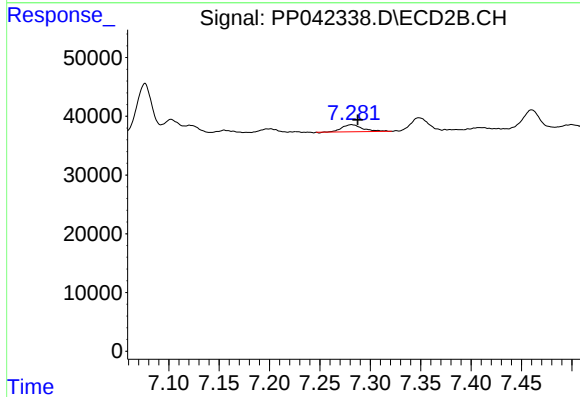
R.T.: 7.121 min
Delta R.T.: -0.009 min
Response: 11403
Conc: 9.24 ng/ml



#33 AR-1260-3

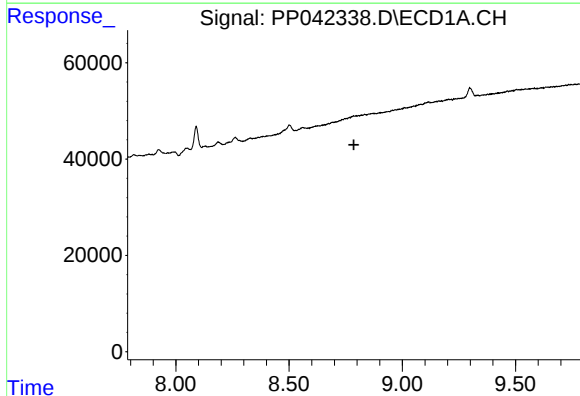
R.T.: 8.559 min
Delta R.T.: 0.002 min
Response: 19084
Conc: 36.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



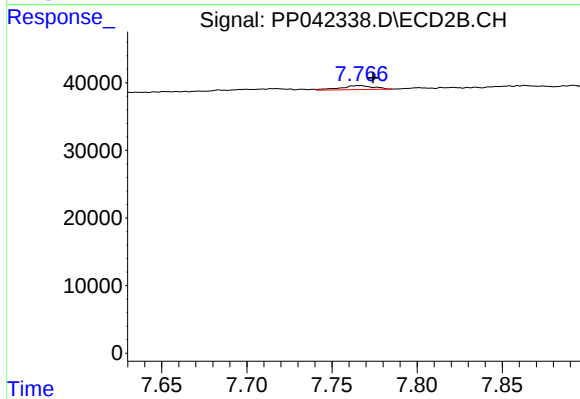
#33 AR-1260-3

R.T.: 7.282 min
Delta R.T.: -0.006 min
Response: 17150
Conc: 12.80 ng/ml



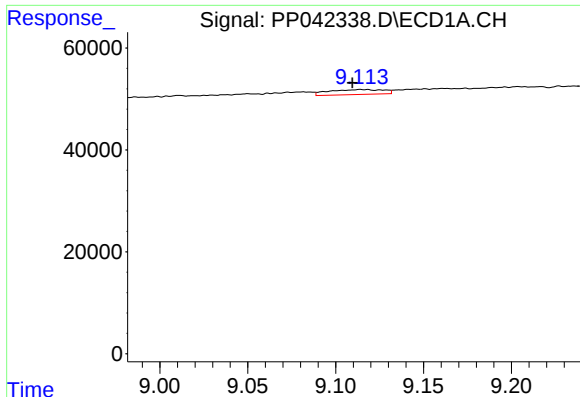
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.786 min
Response: 0
Conc: N.D.



#34 AR-1260-4

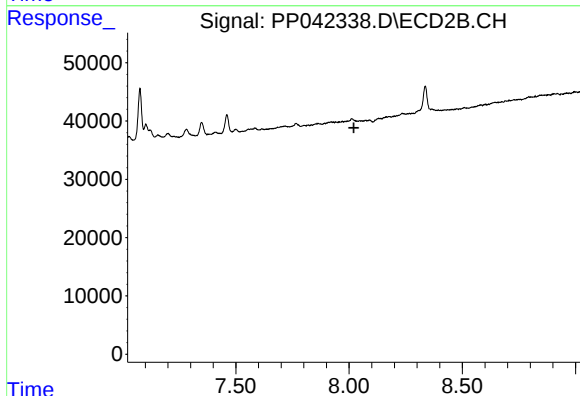
R.T.: 7.766 min
Delta R.T.: -0.008 min
Response: 7713
Conc: 8.64 ng/ml



#35 AR-1260-5

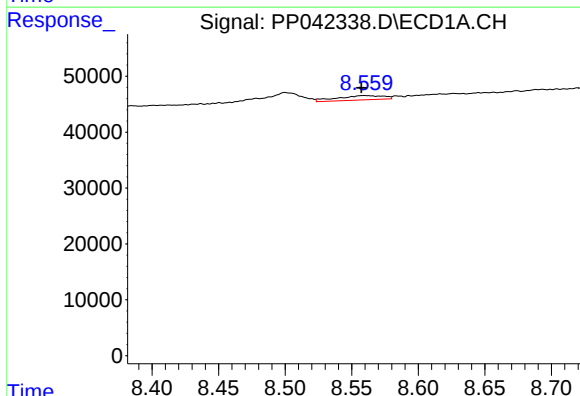
R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 21120
Conc: 18.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



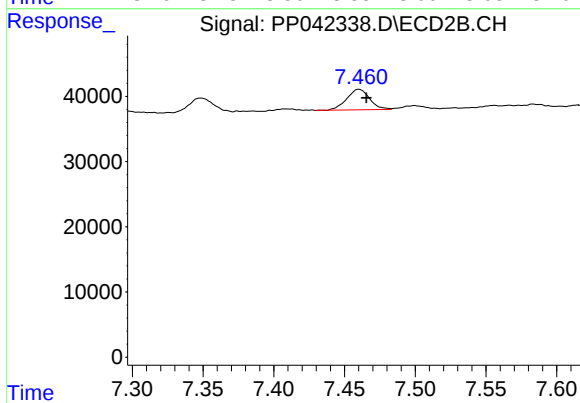
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.021 min
Response: 0
Conc: N.D.



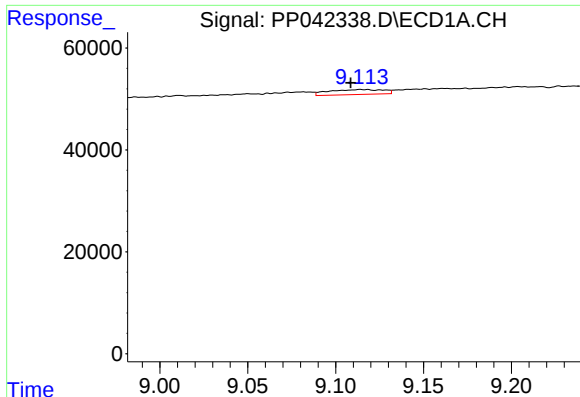
#36 AR-1262-1

R.T.: 8.559 min
Delta R.T.: 0.002 min
Response: 19084
Conc: 24.87 ng/ml



#36 AR-1262-1

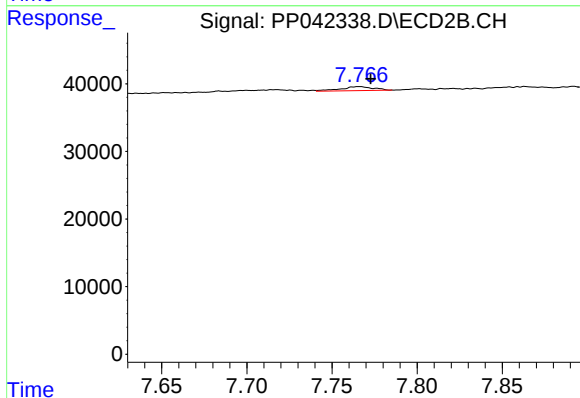
R.T.: 7.460 min
Delta R.T.: -0.005 min
Response: 35570
Conc: 53.46 ng/ml



#37 AR-1262-2

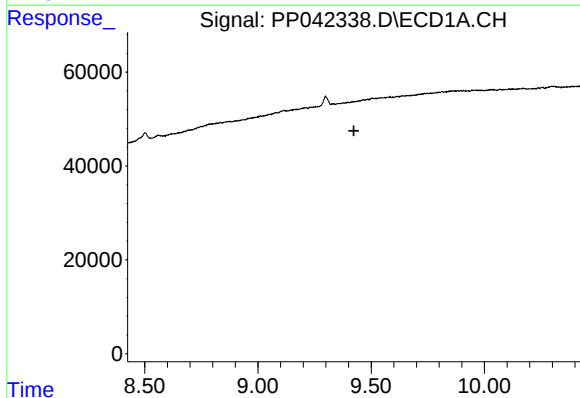
R.T.: 9.114 min
Delta R.T.: 0.006 min
Response: 21120
Conc: 17.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



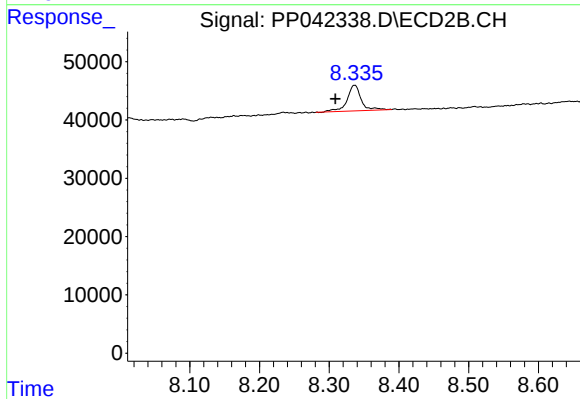
#37 AR-1262-2

R.T.: 7.766 min
Delta R.T.: -0.007 min
Response: 7713
Conc: 7.11 ng/ml



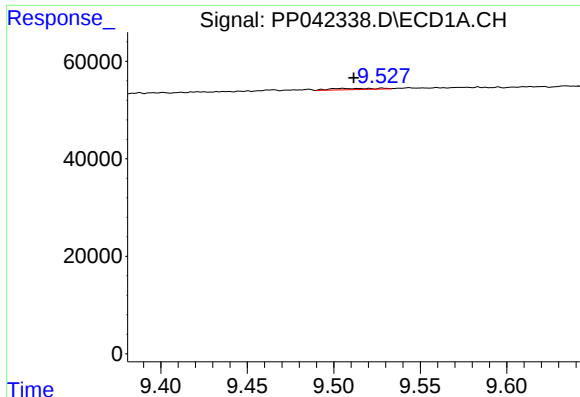
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.423 min
Response: 0
Conc: N.D.



#38 AR-1262-3

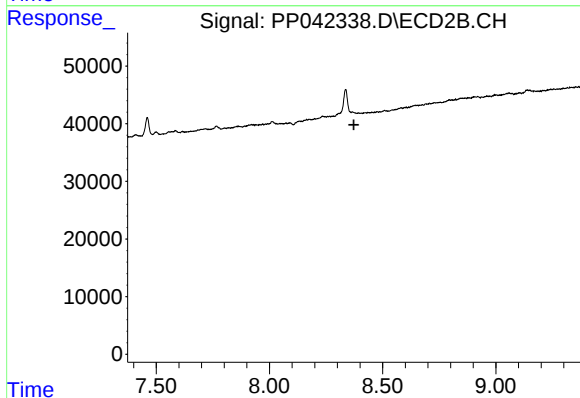
R.T.: 8.336 min
Delta R.T.: 0.028 min
Response: 61211
Conc: 80.34 ng/ml



#39 AR-1262-4

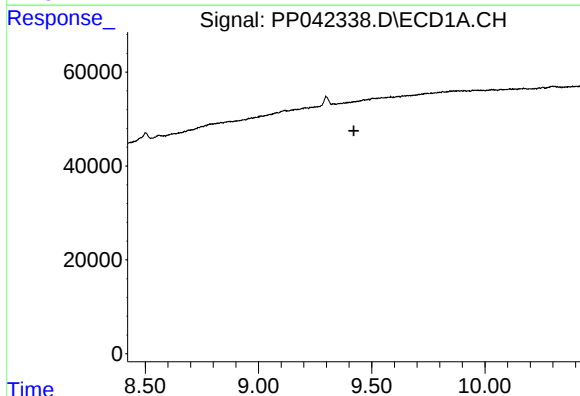
R.T.: 9.528 min
Delta R.T.: 0.017 min
Response: 4631
Conc: 12.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



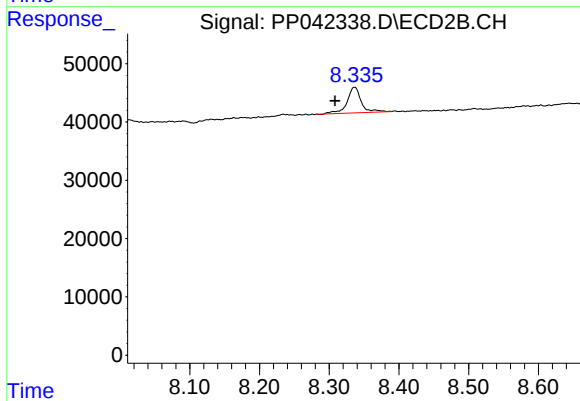
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.373 min
Response: 0
Conc: N.D.



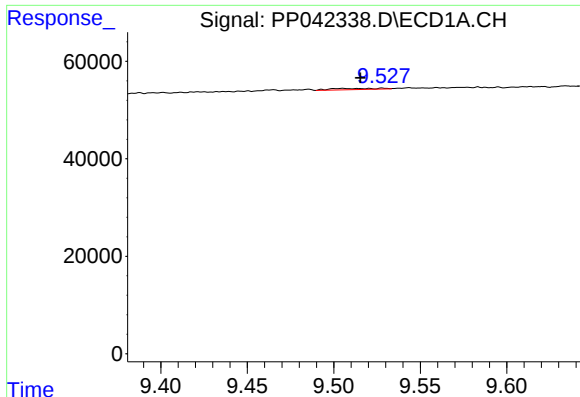
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.421 min
Response: 0
Conc: N.D.



#41 AR-1268-1

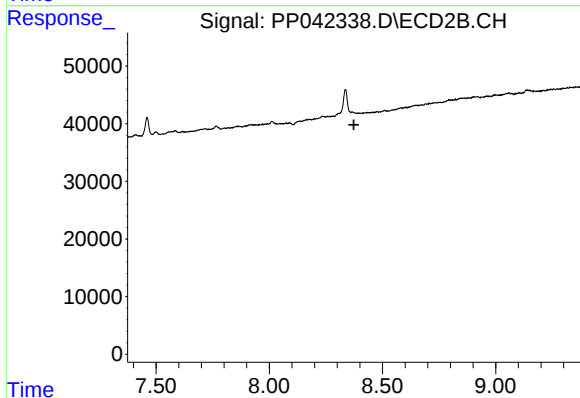
R.T.: 8.336 min
Delta R.T.: 0.028 min
Response: 61211
Conc: 27.05 ng/ml



#42 AR-1268-2

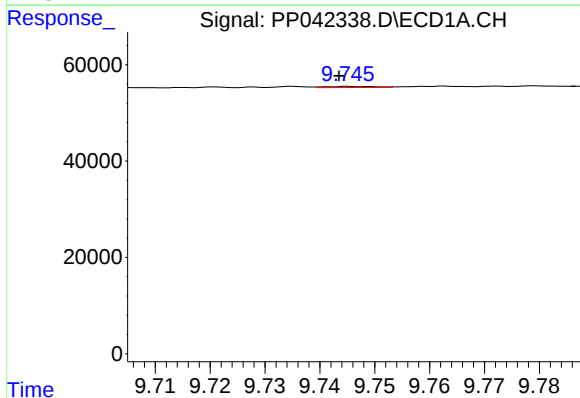
R.T.: 9.528 min
Delta R.T.: 0.013 min
Response: 4631
Conc: 3.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



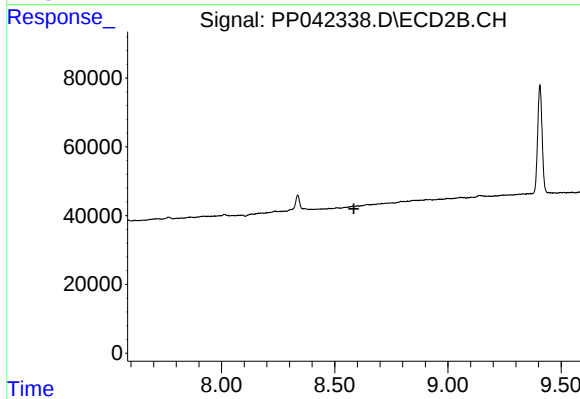
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.374 min
Response: 0
Conc: N.D.



#43 AR-1268-3

R.T.: 9.745 min
Delta R.T.: 0.002 min
Response: 1485
Conc: 1.15 ng/ml



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.584 min
Response: 0
Conc: N.D.