

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122921\
 Data File : PP042362.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Dec 2021 20:15
 Operator : AJ\MA
 Sample : M5244-39
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 00:22:10 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...	4.920	4.057	236945	412281	18.046	18.051
2)	SA Decachlor...	10.916	9.402f	279213	300420	22.923	18.577
Target Compounds							
3)	L1 AR-1016-1	6.230	5.324	22414	42722	50.426	46.605
4)	L1 AR-1016-2	6.253	5.345	34863	71215	52.705	56.520
5)	L1 AR-1016-3	6.319	5.539	24637	46681	60.402	66.469
6)	L1 AR-1016-4	6.425	5.589	22414	121125	68.802	223.052 #
7)	L1 AR-1016-5	6.742	5.821	50452	106109	147.004	162.742
9)	L2 AR-1221-2	5.271	0.000	3954	0	35.066	N.D. #
10)	L2 AR-1221-3	5.368f	4.506	6706	15990	19.170	22.990
11)	L3 AR-1232-1	5.368f	4.506	6706	15990	23.215	27.349
12)	L3 AR-1232-2	5.935	5.345	6997	71215	47.198	133.832 #
13)	L3 AR-1232-3	6.253	5.539	34863	46681	133.248	163.089
14)	L3 AR-1232-4	6.425	5.634	22414	98807	171.012	409.646 #
15)	L3 AR-1232-5	6.526	5.821	51921	106109	503.156	437.008
16)	L4 AR-1242-1	6.230	5.324	22414	42722	68.740	62.743
17)	L4 AR-1242-2	6.253	5.345	34863	71215	73.046	76.465
18)	L4 AR-1242-3	6.319	5.539	24637	46681	82.259	88.334
19)	L4 AR-1242-4	6.425	5.634	22414	98807	91.485	195.286 #
20)	L4 AR-1242-5	7.208	6.203	158421	398225	609.099	671.771
21)	L5 AR-1248-1	6.230	5.324	22414	42722	89.530	82.235
22)	L5 AR-1248-2	6.526	5.589	51921	121125	147.009	172.003
23)	L5 AR-1248-3	6.742	5.634	50452	98807	119.968	133.155
24)	L5 AR-1248-4	7.168	5.821	155005	106109	341.865	126.039 #
25)	L5 AR-1248-5	7.208	6.246	158421	253549	355.305	306.099
26)	L6 AR-1254-1	7.141	6.203	134334	398225	269.462	318.382
27)	L6 AR-1254-2	7.373	6.361	385409	181328	502.725	166.626 #
28)	L6 AR-1254-3	7.752	6.786	144980	242720	187.902	146.099
29)	L6 AR-1254-4	8.047	7.026	72225	123113	129.809	126.200
30)	L6 AR-1254-5	8.477	7.457	80108	179366	127.928	139.974
31)	L7 AR-1260-1	7.922	6.923	55091	157360	92.961	148.070 #
32)	L7 AR-1260-2	8.182	7.120	114622	131835	148.452	106.794 #
33)	L7 AR-1260-3	8.569	7.276	60307	66586	116.577	49.691 #
34)	L7 AR-1260-4	8.783	7.763	59318	35136	102.445	39.348 #
35)	L7 AR-1260-5	9.107	8.010	56607	69898	48.379	36.320
36)	L8 AR-1262-1	8.569	7.457	60307	179366	78.586	269.580 #
37)	L8 AR-1262-2	9.107	7.763	56607	35136	46.185	32.395 #
38)	L8 AR-1262-3	9.425	8.298	24644	16918	50.136	22.206 #
39)	L8 AR-1262-4	9.514	8.362	15487	42100	42.022	27.638 #
40)	L8 AR-1262-5	10.169	0.000	9017	0	19.686	N.D. #
41)	L9 AR-1268-1	9.425	8.298	24644	16918	16.254	7.476 #
42)	L9 AR-1268-2	9.514	8.362	15487	42100	10.914	19.284 #

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Volume Inj. : 2 µl
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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	9.742	0.000	2906	0	2.258	N.D. #
44) L9	AR-1268-4	10.169	0.000	9017	0	17.400	N.D. #
45) L9	AR-1268-5	10.587	9.154	12119	18924	3.125	3.316

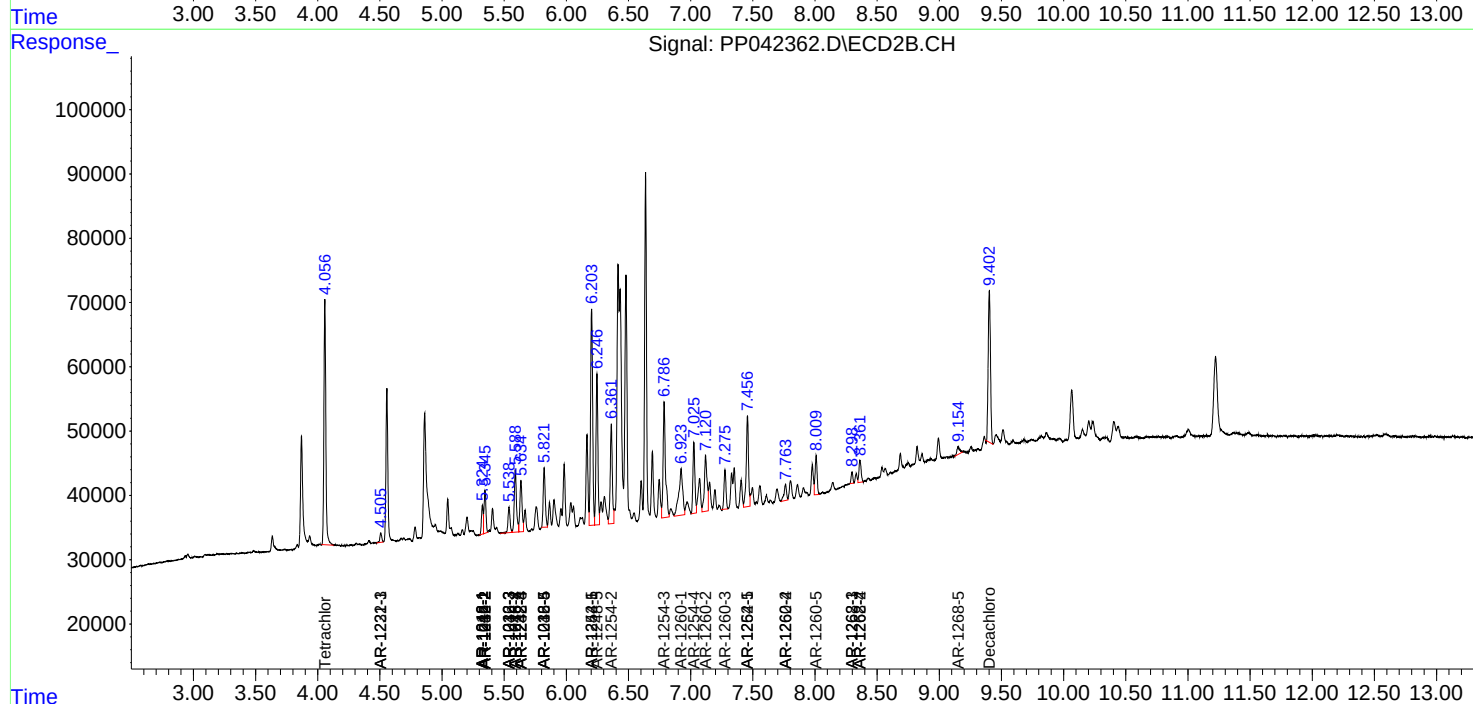
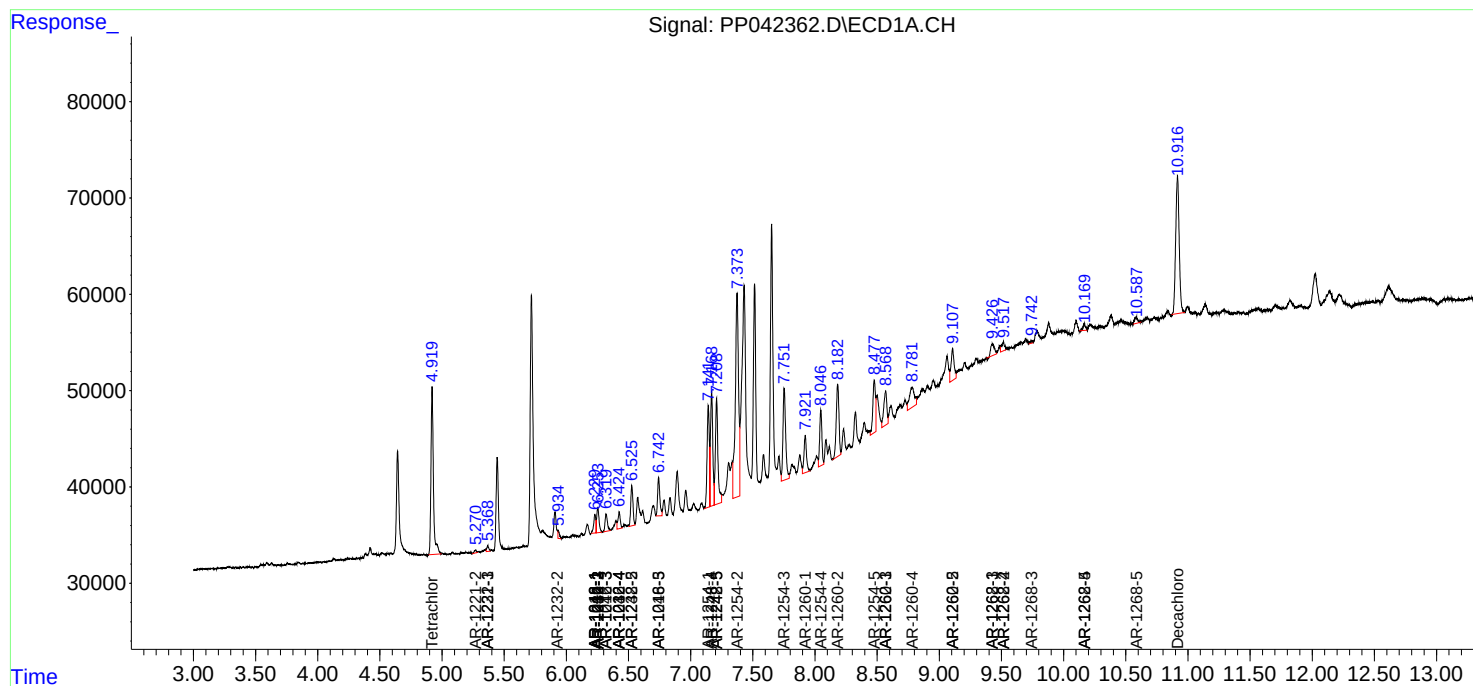
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

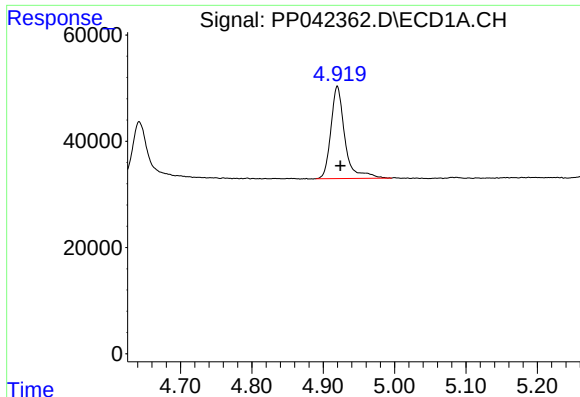
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122921\
Data File : PP042362.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

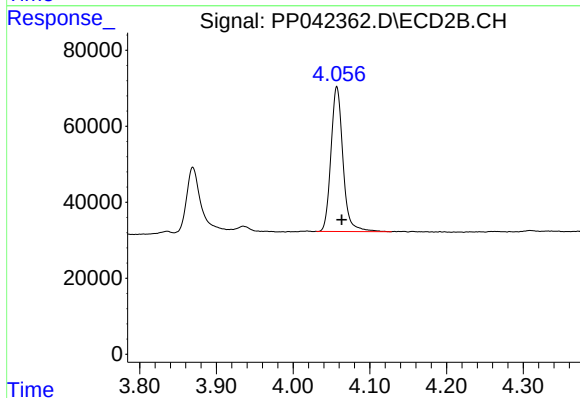




#1 Tetrachloro-m-xylene

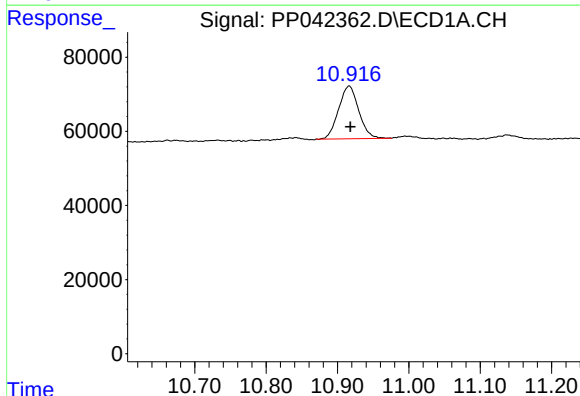
R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 236945
Conc: 18.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



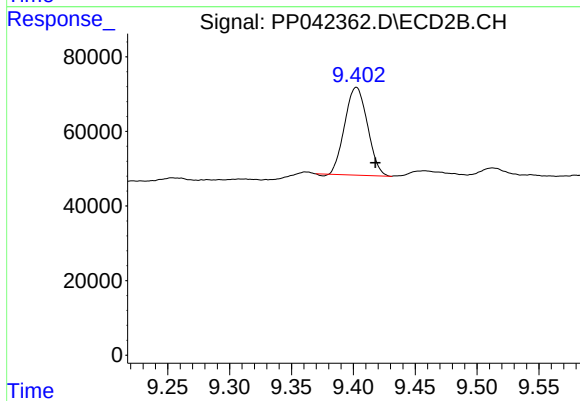
#1 Tetrachloro-m-xylene

R.T.: 4.057 min
Delta R.T.: -0.007 min
Response: 412281
Conc: 18.05 ng/ml



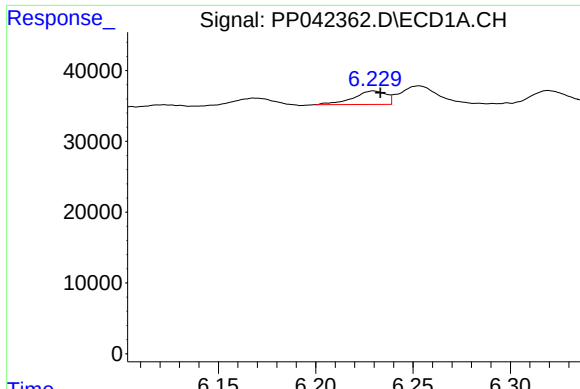
#2 Decachlorobiphenyl

R.T.: 10.916 min
Delta R.T.: -0.002 min
Response: 279213
Conc: 22.92 ng/ml



#2 Decachlorobiphenyl

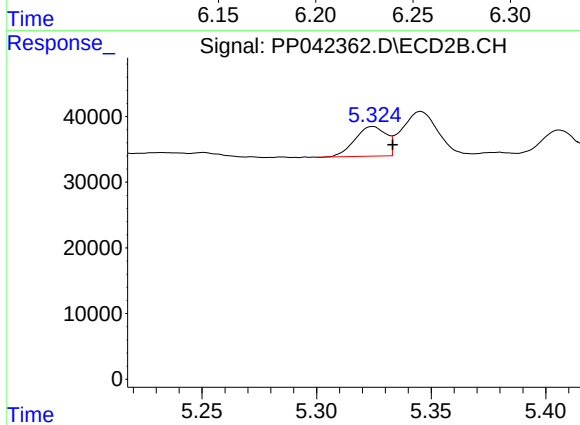
R.T.: 9.402 min
Delta R.T.: -0.015 min
Response: 300420
Conc: 18.58 ng/ml



#3 AR-1016-1

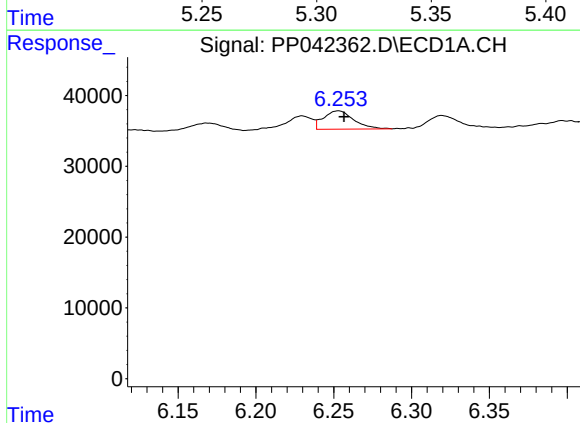
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 22414
Conc: 50.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



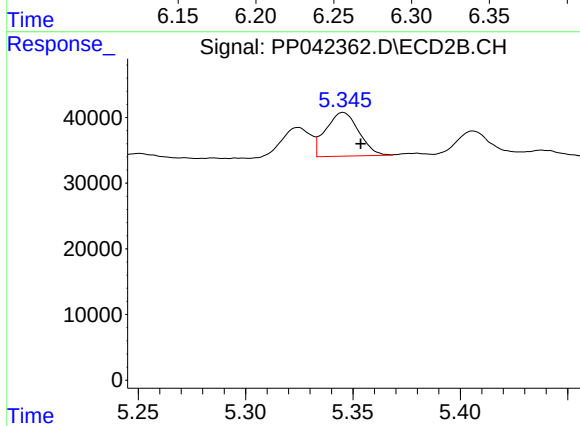
#3 AR-1016-1

R.T.: 5.324 min
Delta R.T.: -0.009 min
Response: 42722
Conc: 46.61 ng/ml



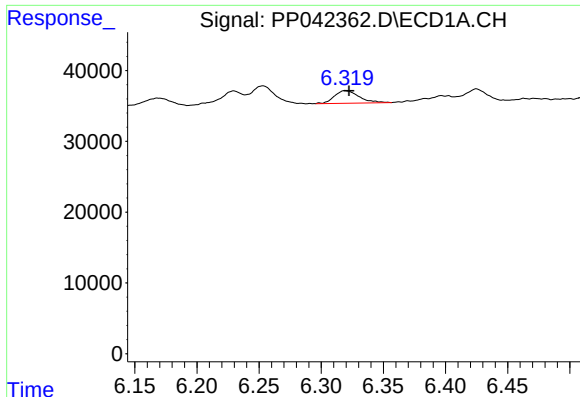
#4 AR-1016-2

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 34863
Conc: 52.70 ng/ml



#4 AR-1016-2

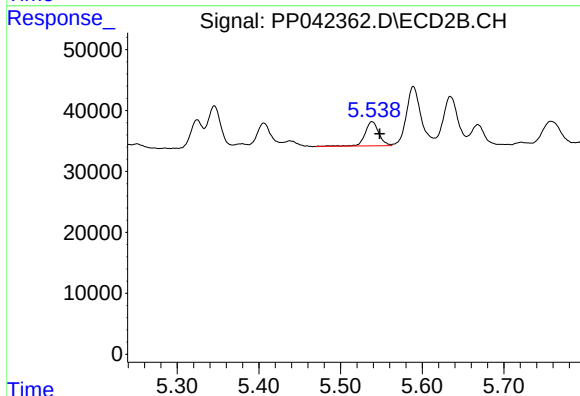
R.T.: 5.345 min
Delta R.T.: -0.008 min
Response: 71215
Conc: 56.52 ng/ml



#5 AR-1016-3

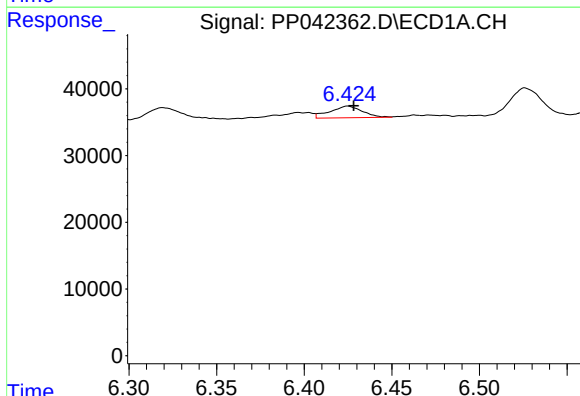
R.T.: 6.319 min
Delta R.T.: -0.003 min
Response: 24637
Conc: 60.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



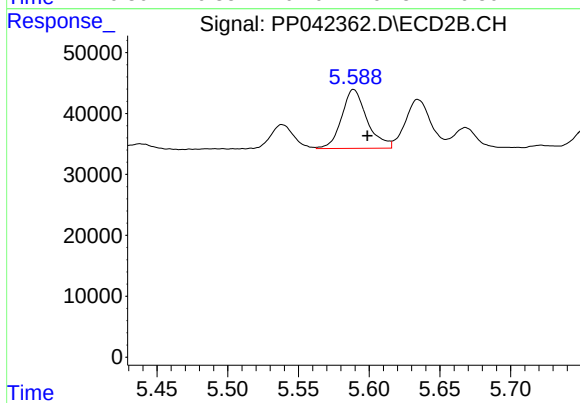
#5 AR-1016-3

R.T.: 5.539 min
Delta R.T.: -0.009 min
Response: 46681
Conc: 66.47 ng/ml



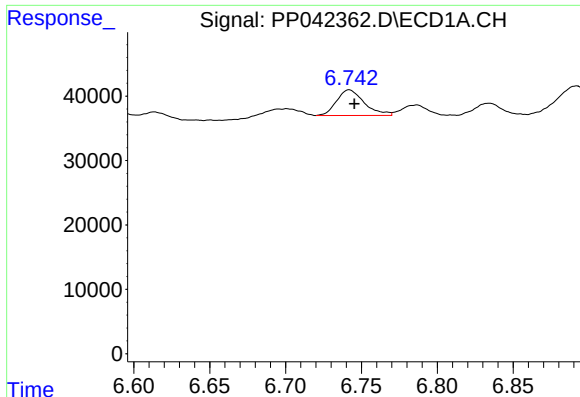
#6 AR-1016-4

R.T.: 6.425 min
Delta R.T.: -0.003 min
Response: 22414
Conc: 68.80 ng/ml



#6 AR-1016-4

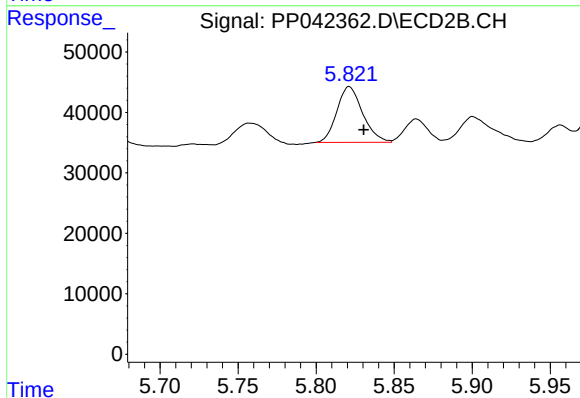
R.T.: 5.589 min
Delta R.T.: -0.010 min
Response: 121125
Conc: 223.05 ng/ml



#7 AR-1016-5

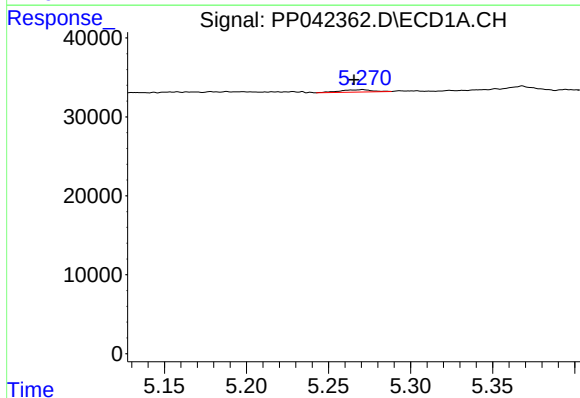
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 50452
Conc: 147.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



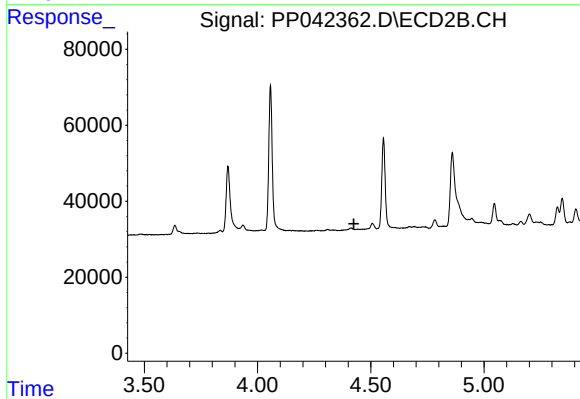
#7 AR-1016-5

R.T.: 5.821 min
Delta R.T.: -0.009 min
Response: 106109
Conc: 162.74 ng/ml



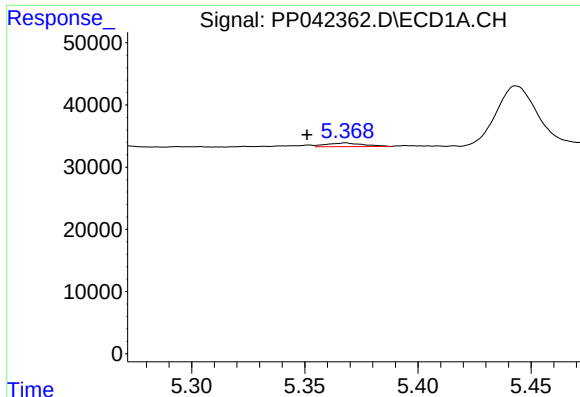
#9 AR-1221-2

R.T.: 5.271 min
Delta R.T.: 0.005 min
Response: 3954
Conc: 35.07 ng/ml



#9 AR-1221-2

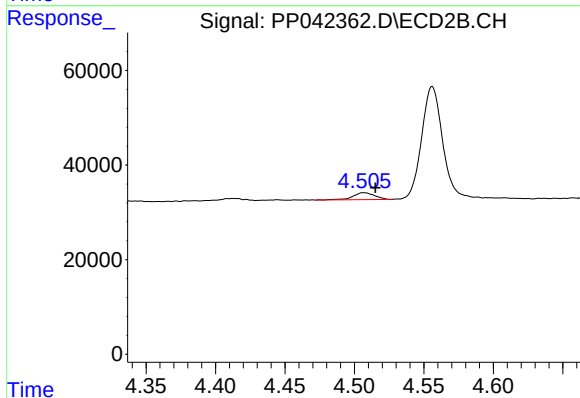
R.T.: 0.000 min
Exp R.T. : 4.425 min
Response: 0
Conc: N.D.



#10 AR-1221-3

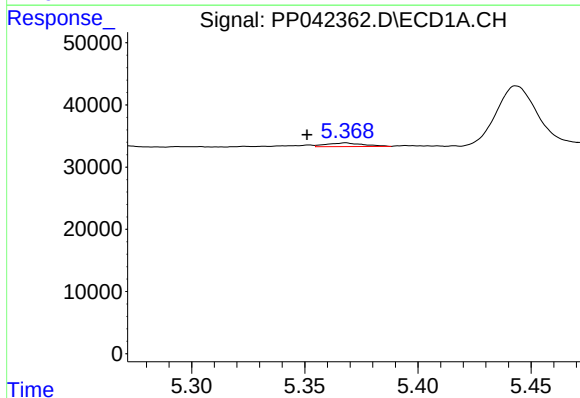
R.T.: 5.368 min
Delta R.T.: 0.017 min
Response: 6706
Conc: 19.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



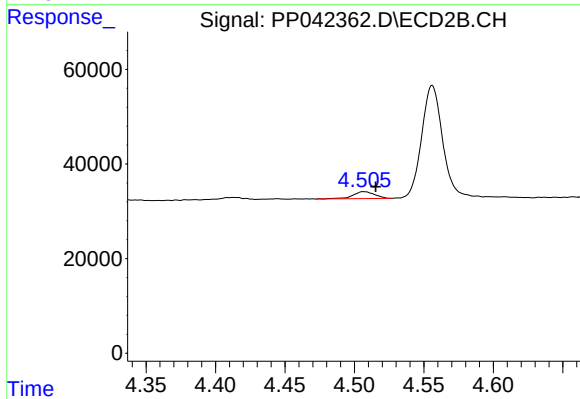
#10 AR-1221-3

R.T.: 4.506 min
Delta R.T.: -0.009 min
Response: 15990
Conc: 22.99 ng/ml



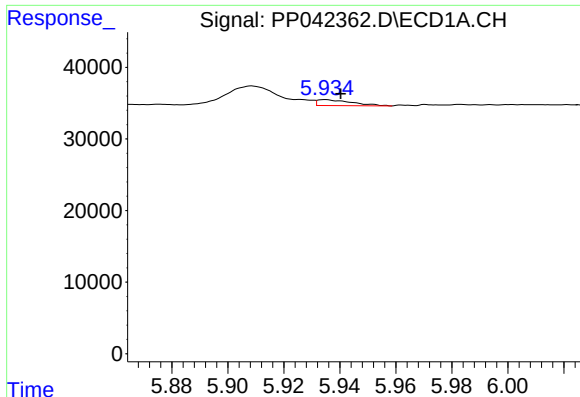
#11 AR-1232-1

R.T.: 5.368 min
Delta R.T.: 0.017 min
Response: 6706
Conc: 23.22 ng/ml



#11 AR-1232-1

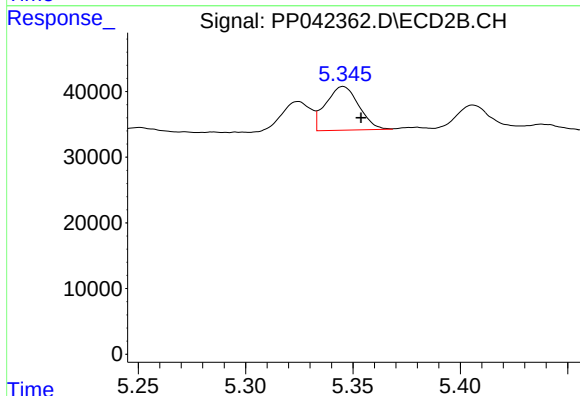
R.T.: 4.506 min
Delta R.T.: -0.009 min
Response: 15990
Conc: 27.35 ng/ml



#12 AR-1232-2

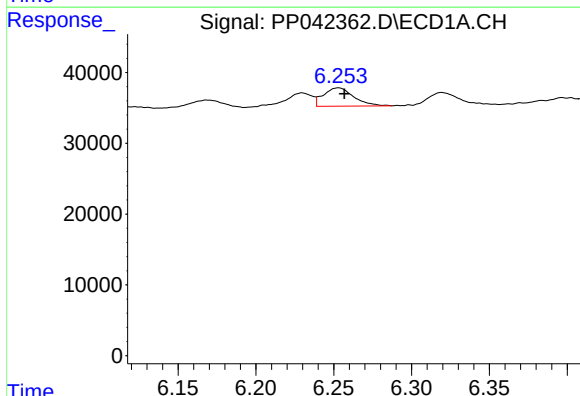
R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 6997
Conc: 47.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



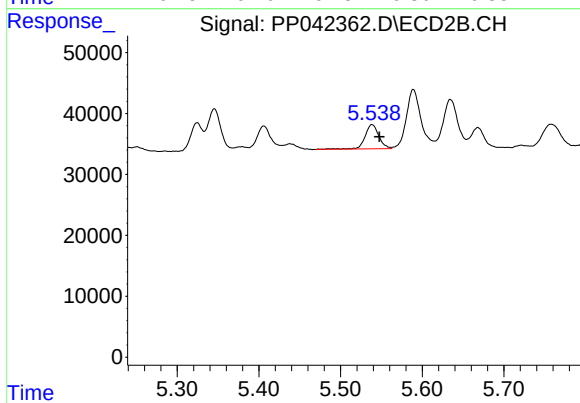
#12 AR-1232-2

R.T.: 5.345 min
Delta R.T.: -0.008 min
Response: 71215
Conc: 133.83 ng/ml



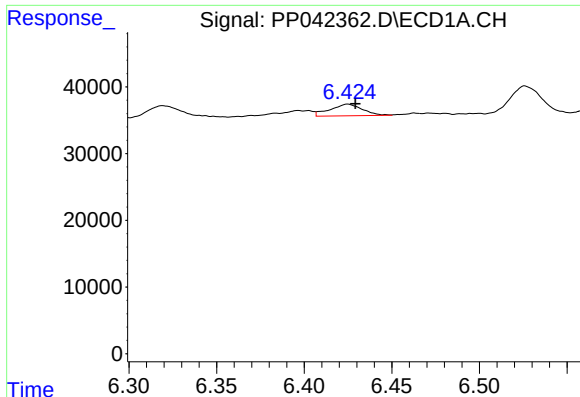
#13 AR-1232-3

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 34863
Conc: 133.25 ng/ml



#13 AR-1232-3

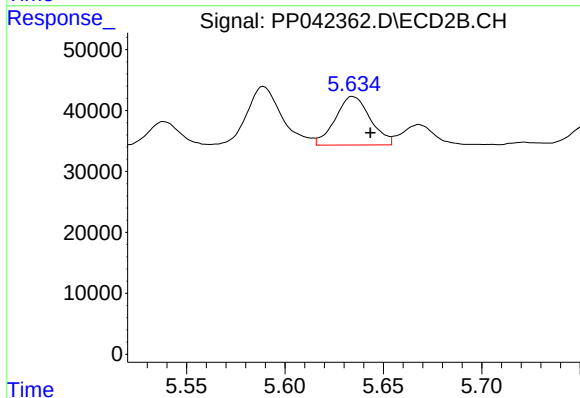
R.T.: 5.539 min
Delta R.T.: -0.009 min
Response: 46681
Conc: 163.09 ng/ml



#14 AR-1232-4

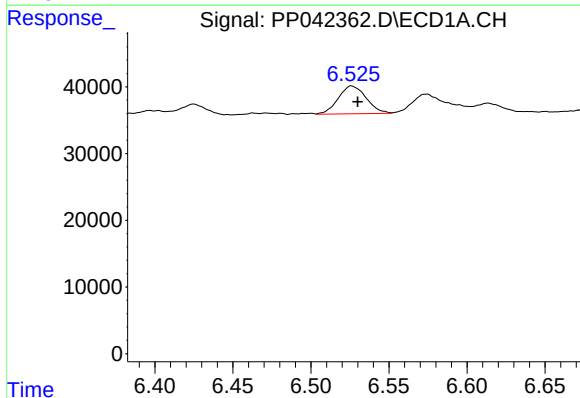
R.T.: 6.425 min
Delta R.T.: -0.004 min
Response: 22414
Conc: 171.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



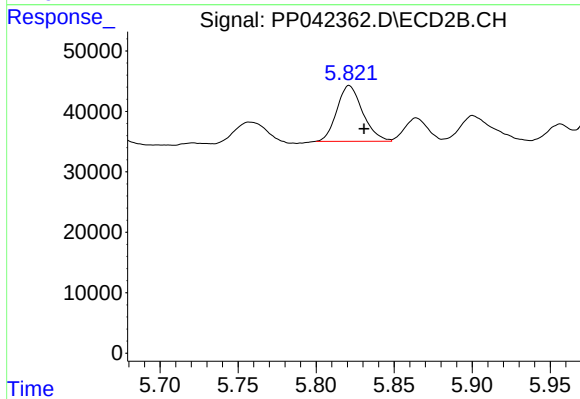
#14 AR-1232-4

R.T.: 5.634 min
Delta R.T.: -0.009 min
Response: 98807
Conc: 409.65 ng/ml



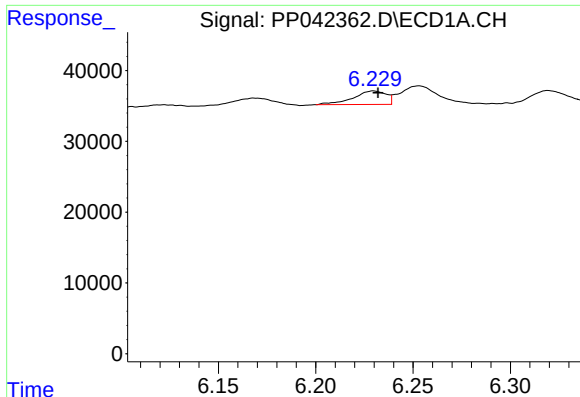
#15 AR-1232-5

R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 51921
Conc: 503.16 ng/ml



#15 AR-1232-5

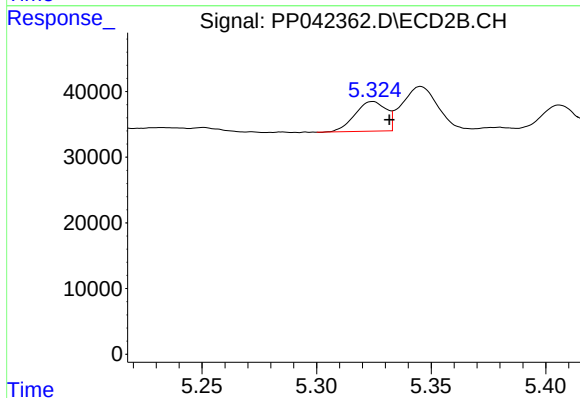
R.T.: 5.821 min
Delta R.T.: -0.009 min
Response: 106109
Conc: 437.01 ng/ml



#16 AR-1242-1

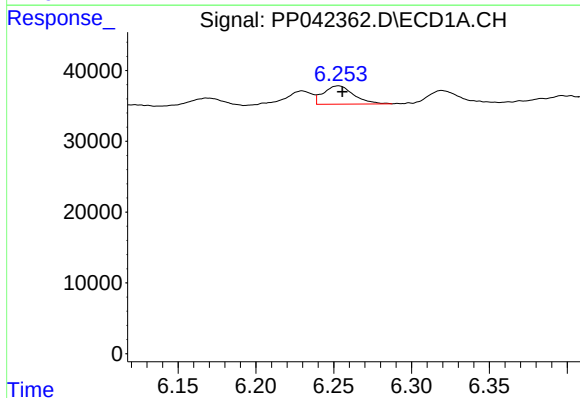
R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 22414
Conc: 68.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



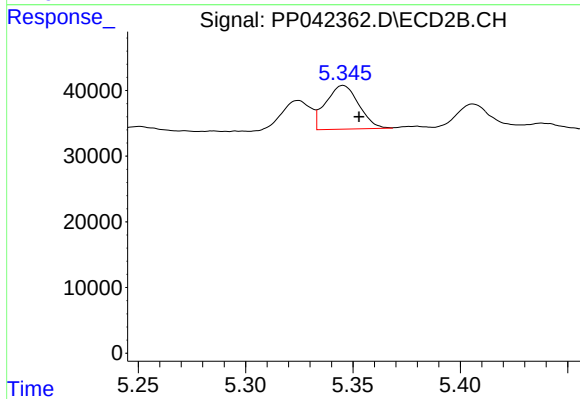
#16 AR-1242-1

R.T.: 5.324 min
Delta R.T.: -0.007 min
Response: 42722
Conc: 62.74 ng/ml



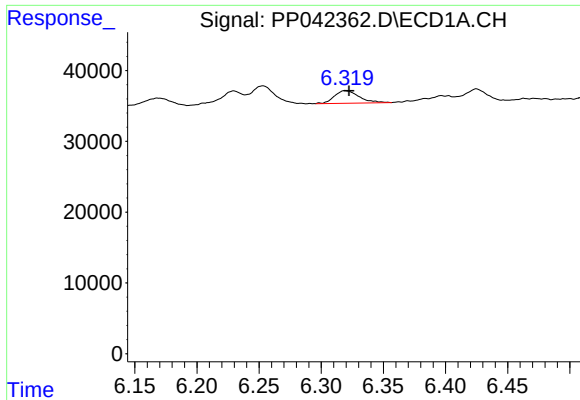
#17 AR-1242-2

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 34863
Conc: 73.05 ng/ml



#17 AR-1242-2

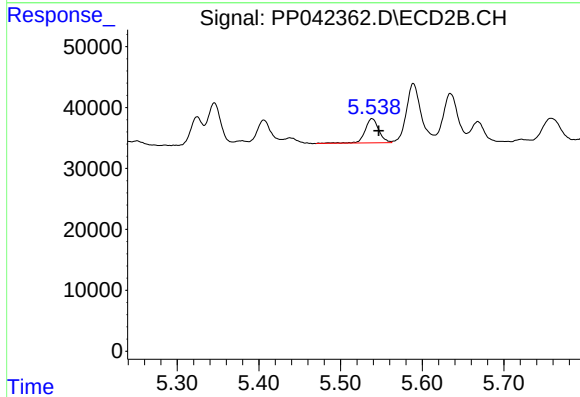
R.T.: 5.345 min
Delta R.T.: -0.007 min
Response: 71215
Conc: 76.46 ng/ml



#18 AR-1242-3

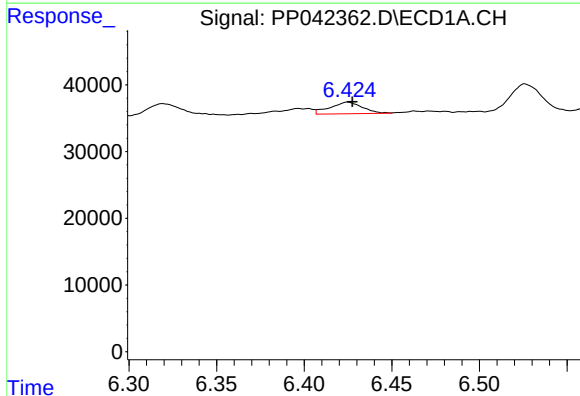
R.T.: 6.319 min
Delta R.T.: -0.003 min
Response: 24637
Conc: 82.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



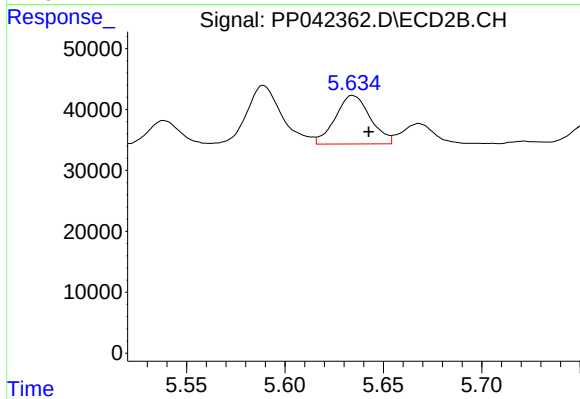
#18 AR-1242-3

R.T.: 5.539 min
Delta R.T.: -0.008 min
Response: 46681
Conc: 88.33 ng/ml



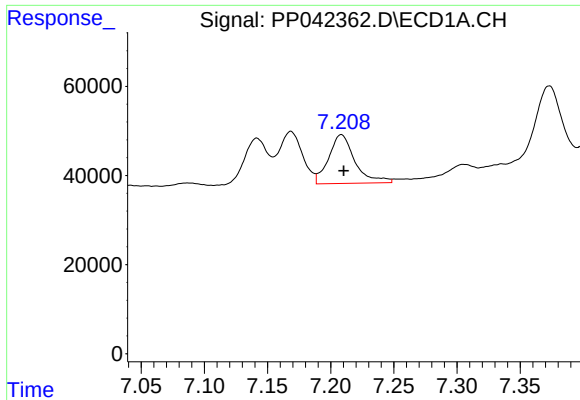
#19 AR-1242-4

R.T.: 6.425 min
Delta R.T.: -0.003 min
Response: 22414
Conc: 91.48 ng/ml



#19 AR-1242-4

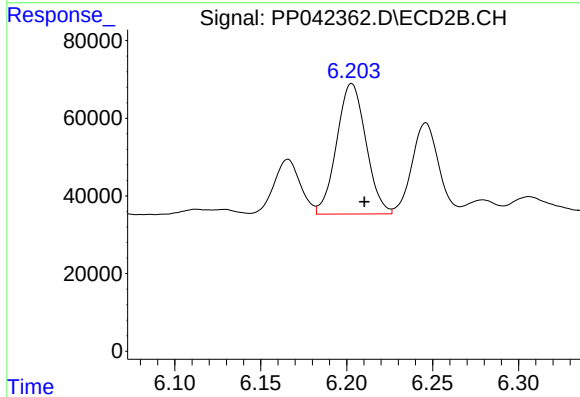
R.T.: 5.634 min
Delta R.T.: -0.008 min
Response: 98807
Conc: 195.29 ng/ml



#20 AR-1242-5

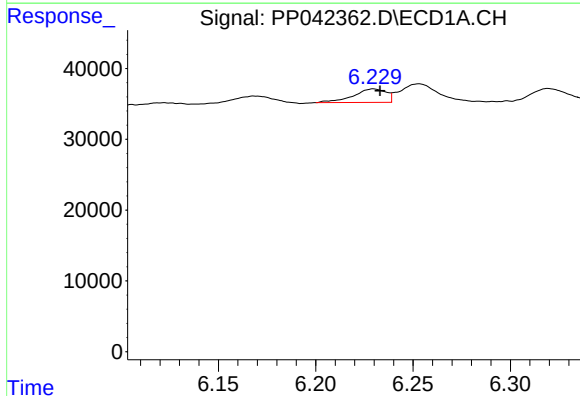
R.T.: 7.208 min
Delta R.T.: -0.002 min
Response: 158421
Conc: 609.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



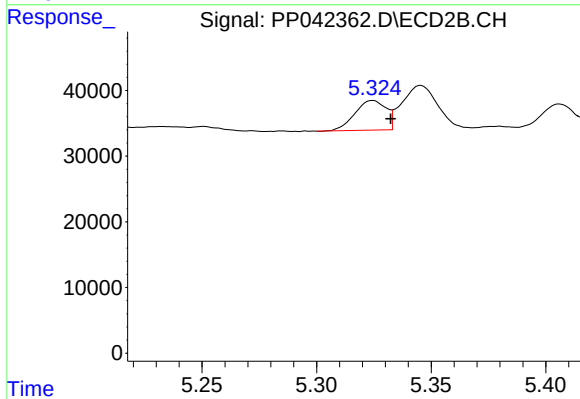
#20 AR-1242-5

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 398225
Conc: 671.77 ng/ml



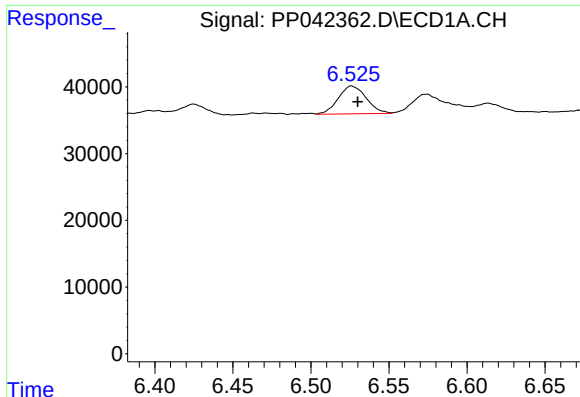
#21 AR-1248-1

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 22414
Conc: 89.53 ng/ml



#21 AR-1248-1

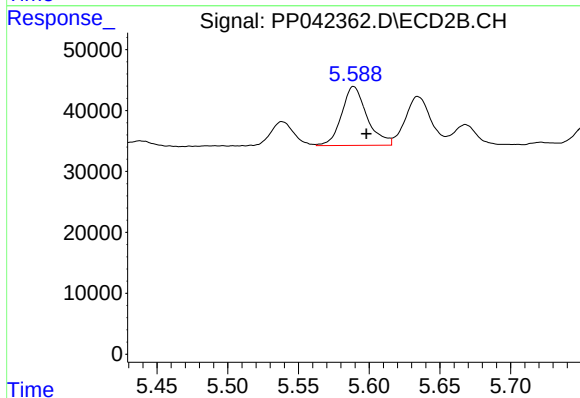
R.T.: 5.324 min
Delta R.T.: -0.008 min
Response: 42722
Conc: 82.23 ng/ml



#22 AR-1248-2

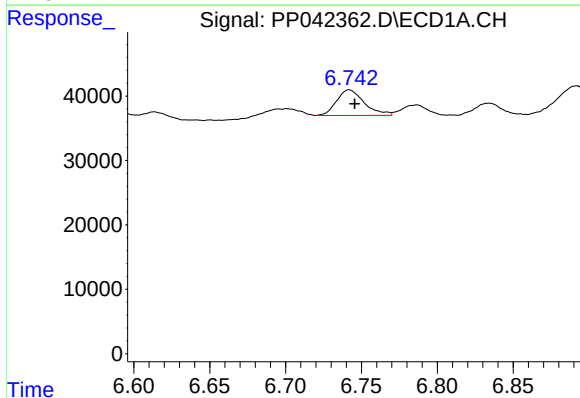
R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 51921
Conc: 147.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



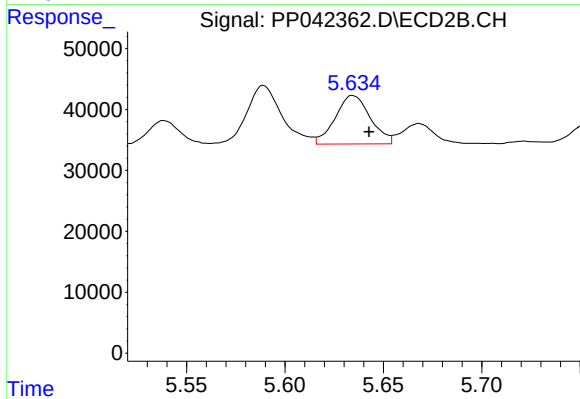
#22 AR-1248-2

R.T.: 5.589 min
Delta R.T.: -0.009 min
Response: 121125
Conc: 172.00 ng/ml



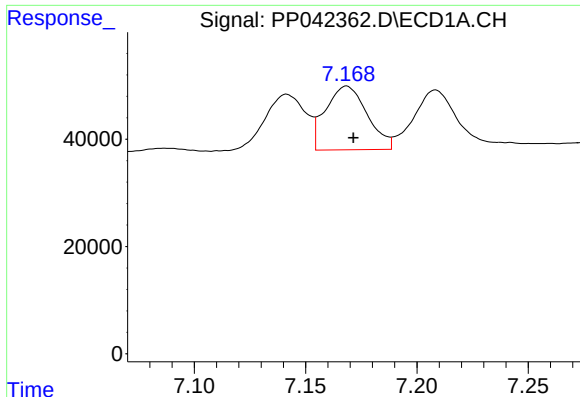
#23 AR-1248-3

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 50452
Conc: 119.97 ng/ml



#23 AR-1248-3

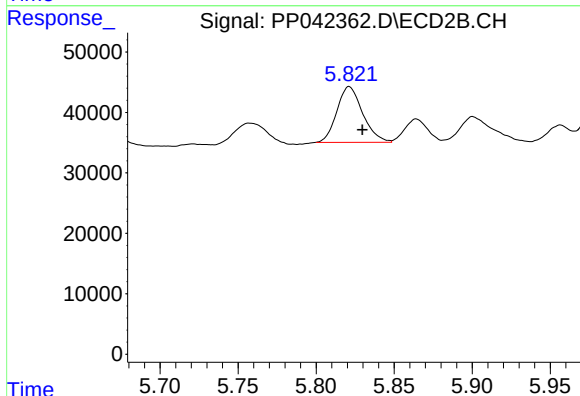
R.T.: 5.634 min
Delta R.T.: -0.008 min
Response: 98807
Conc: 133.15 ng/ml



#24 AR-1248-4

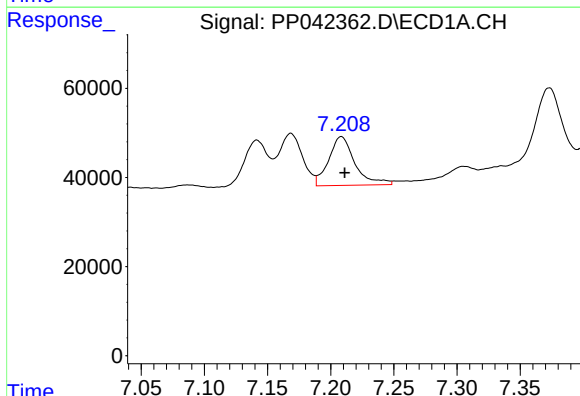
R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 155005
Conc: 341.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



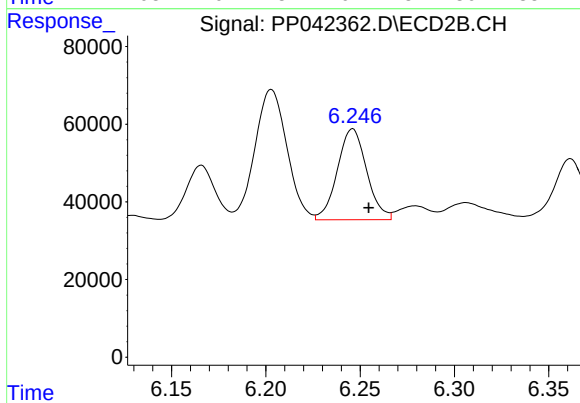
#24 AR-1248-4

R.T.: 5.821 min
Delta R.T.: -0.008 min
Response: 106109
Conc: 126.04 ng/ml



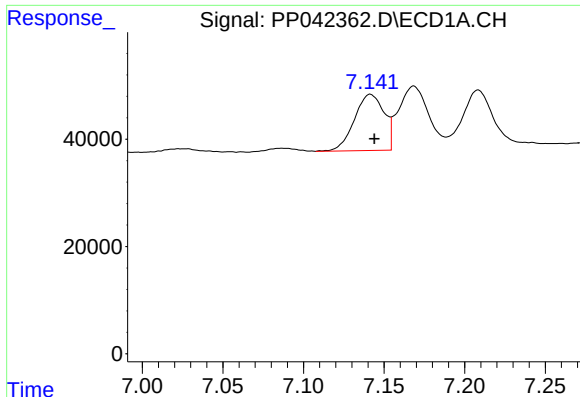
#25 AR-1248-5

R.T.: 7.208 min
Delta R.T.: -0.003 min
Response: 158421
Conc: 355.31 ng/ml



#25 AR-1248-5

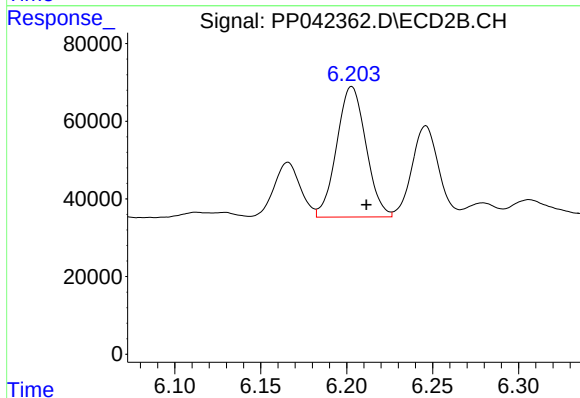
R.T.: 6.246 min
Delta R.T.: -0.008 min
Response: 253549
Conc: 306.10 ng/ml



#26 AR-1254-1

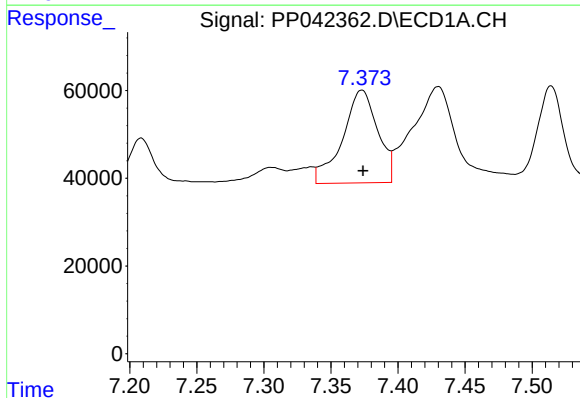
R.T.: 7.141 min
Delta R.T.: -0.003 min
Response: 134334
Conc: 269.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



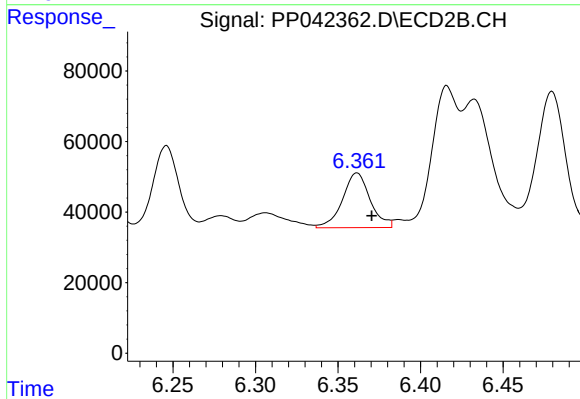
#26 AR-1254-1

R.T.: 6.203 min
Delta R.T.: -0.009 min
Response: 398225
Conc: 318.38 ng/ml



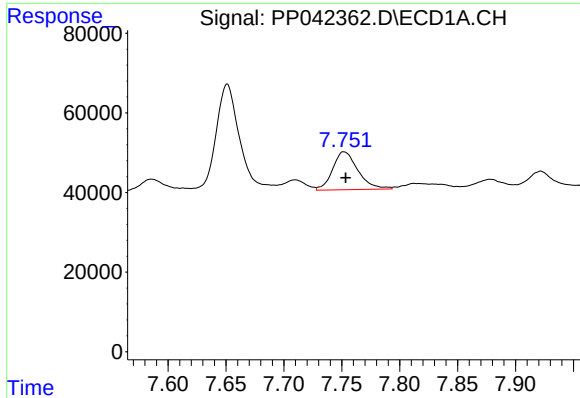
#27 AR-1254-2

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 385409
Conc: 502.72 ng/ml



#27 AR-1254-2

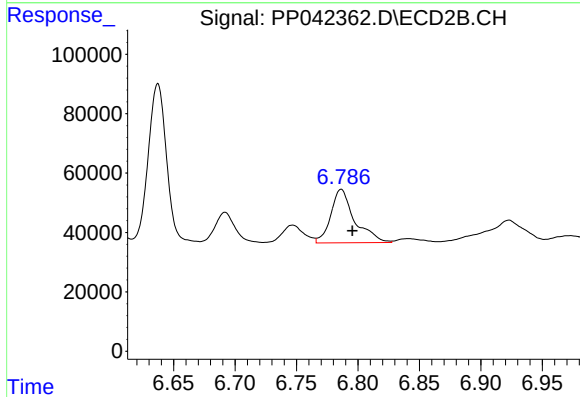
R.T.: 6.361 min
Delta R.T.: -0.009 min
Response: 181328
Conc: 166.63 ng/ml



#28 AR-1254-3

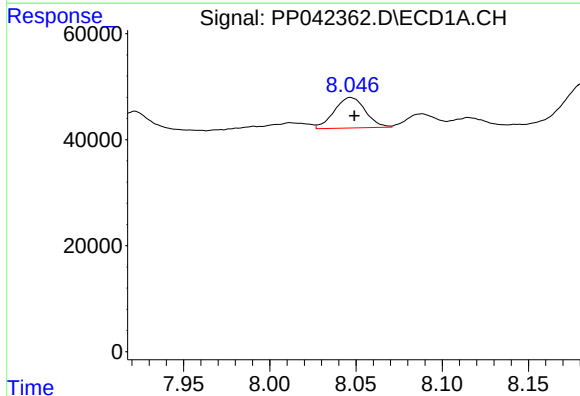
R.T.: 7.752 min
Delta R.T.: -0.002 min
Response: 144980
Conc: 187.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



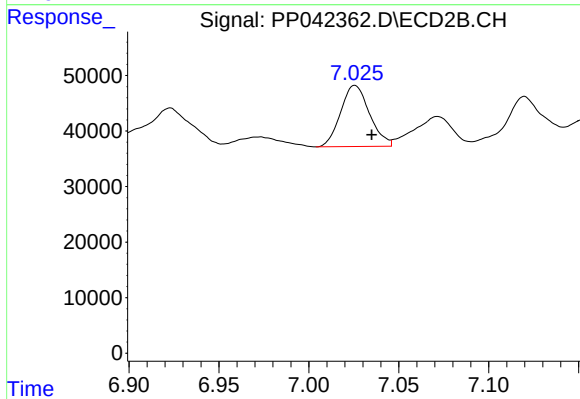
#28 AR-1254-3

R.T.: 6.786 min
Delta R.T.: -0.009 min
Response: 242720
Conc: 146.10 ng/ml



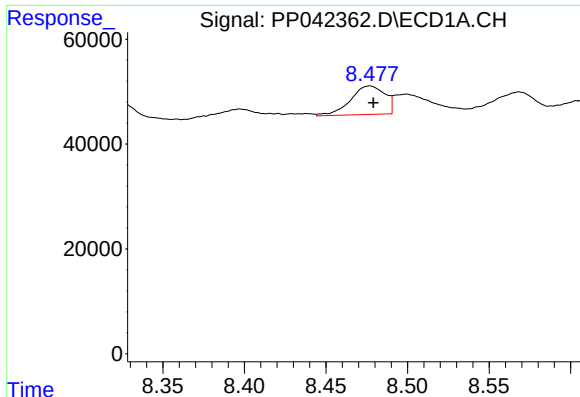
#29 AR-1254-4

R.T.: 8.047 min
Delta R.T.: -0.002 min
Response: 72225
Conc: 129.81 ng/ml



#29 AR-1254-4

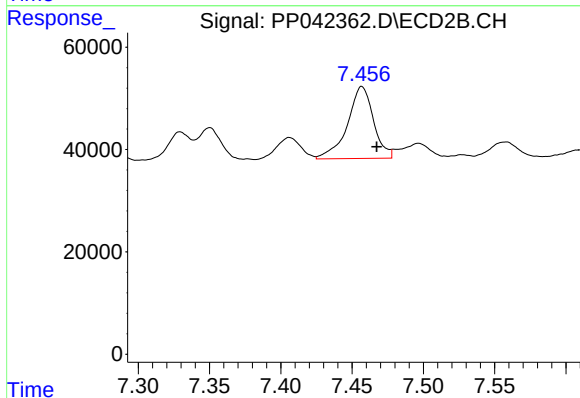
R.T.: 7.026 min
Delta R.T.: -0.009 min
Response: 123113
Conc: 126.20 ng/ml



#30 AR-1254-5

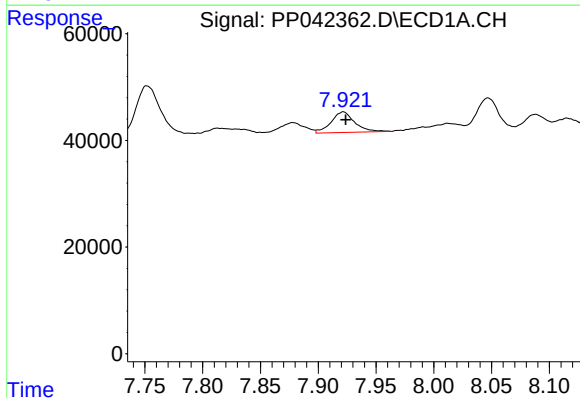
R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 80108
Conc: 127.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



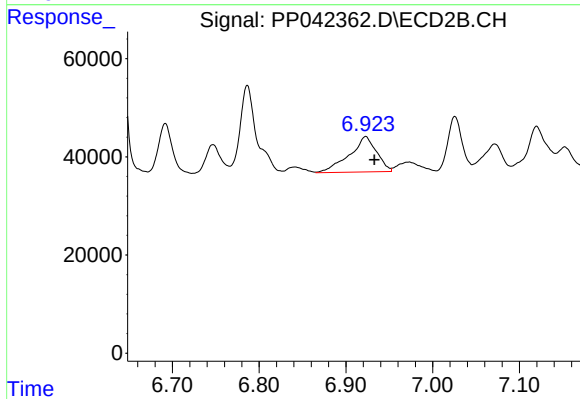
#30 AR-1254-5

R.T.: 7.457 min
Delta R.T.: -0.010 min
Response: 179366
Conc: 139.97 ng/ml



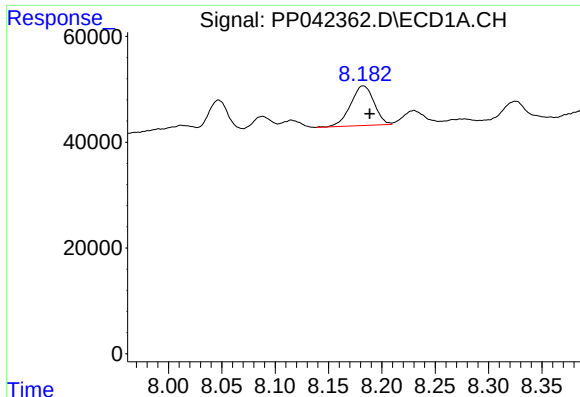
#31 AR-1260-1

R.T.: 7.922 min
Delta R.T.: -0.002 min
Response: 55091
Conc: 92.96 ng/ml



#31 AR-1260-1

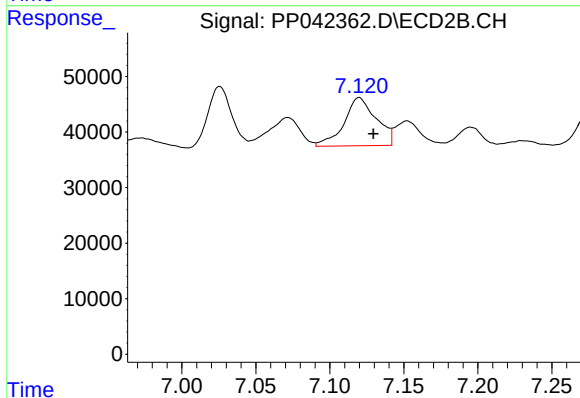
R.T.: 6.923 min
Delta R.T.: -0.010 min
Response: 157360
Conc: 148.07 ng/ml



#32 AR-1260-2

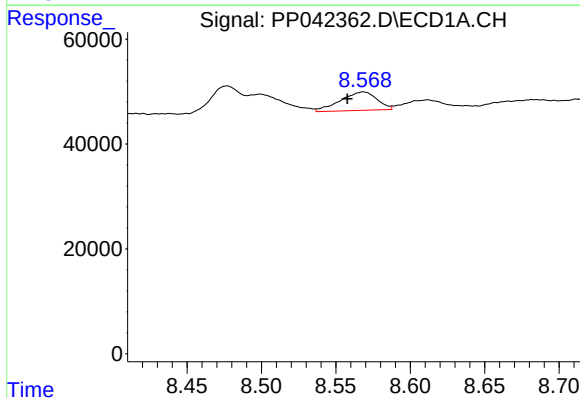
R.T.: 8.182 min
Delta R.T.: -0.006 min
Response: 114622
Conc: 148.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



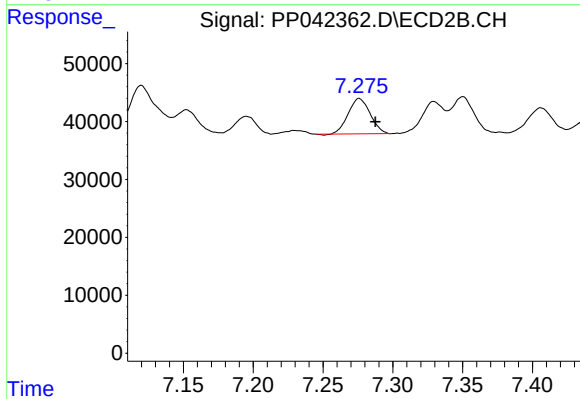
#32 AR-1260-2

R.T.: 7.120 min
Delta R.T.: -0.010 min
Response: 131835
Conc: 106.79 ng/ml



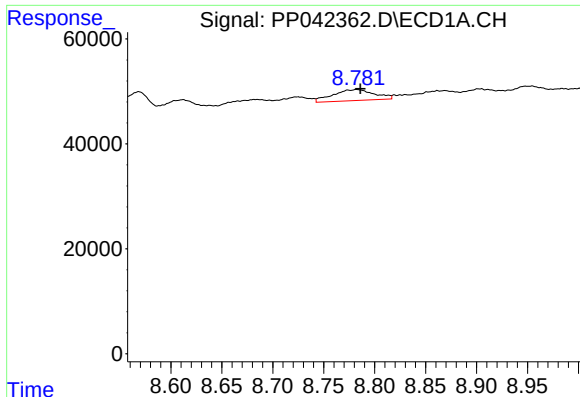
#33 AR-1260-3

R.T.: 8.569 min
Delta R.T.: 0.011 min
Response: 60307
Conc: 116.58 ng/ml



#33 AR-1260-3

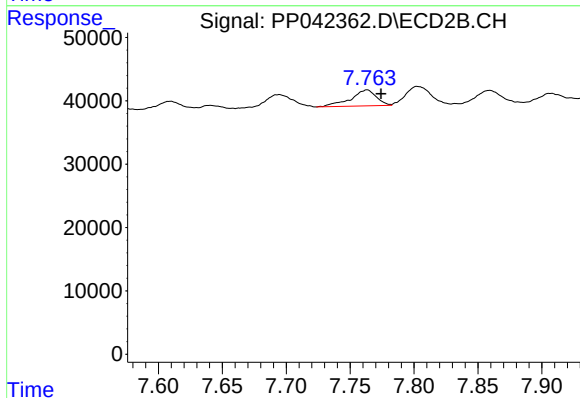
R.T.: 7.276 min
Delta R.T.: -0.012 min
Response: 66586
Conc: 49.69 ng/ml



#34 AR-1260-4

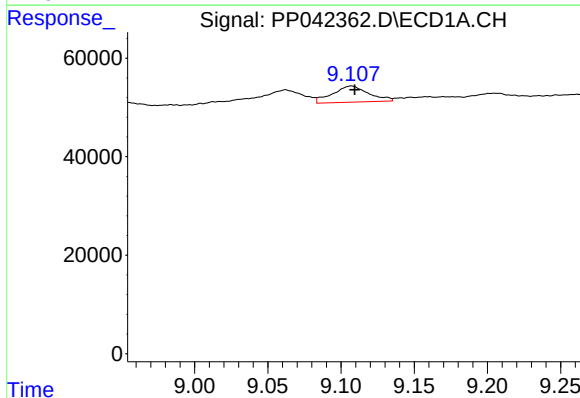
R.T.: 8.783 min
Delta R.T.: -0.003 min
Response: 59318
Conc: 102.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



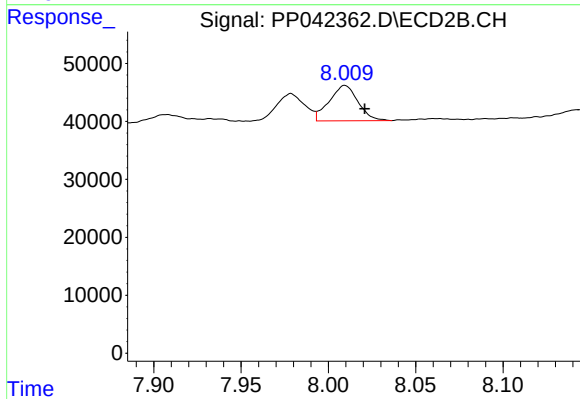
#34 AR-1260-4

R.T.: 7.763 min
Delta R.T.: -0.011 min
Response: 35136
Conc: 39.35 ng/ml



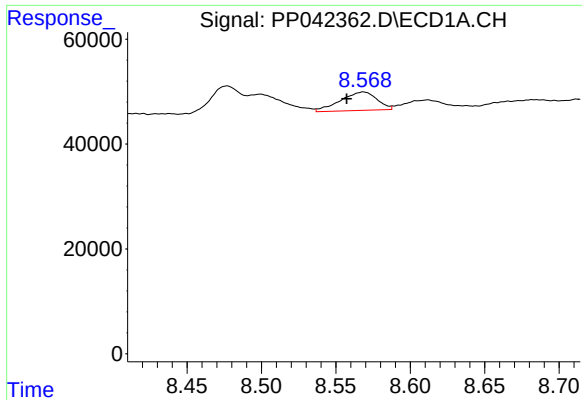
#35 AR-1260-5

R.T.: 9.107 min
Delta R.T.: -0.002 min
Response: 56607
Conc: 48.38 ng/ml



#35 AR-1260-5

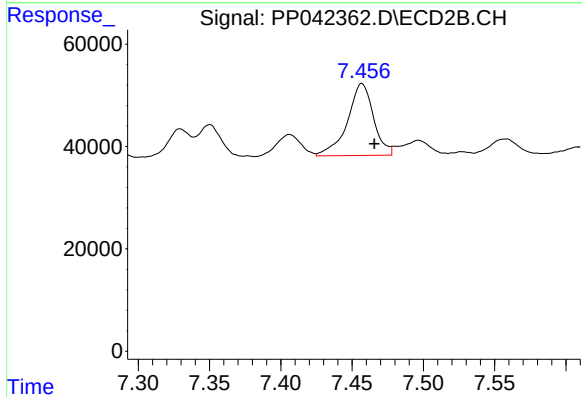
R.T.: 8.010 min
Delta R.T.: -0.011 min
Response: 69898
Conc: 36.32 ng/ml



#36 AR-1262-1

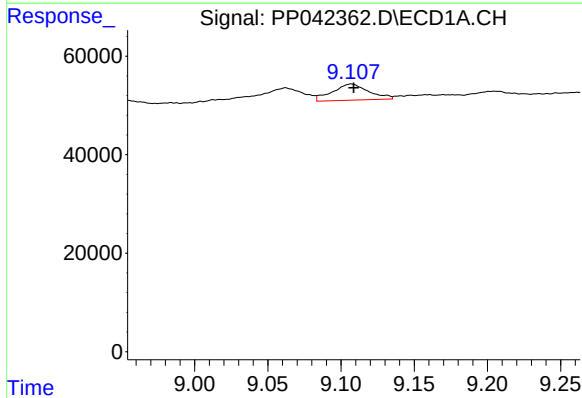
R.T.: 8.569 min
Delta R.T.: 0.011 min
Response: 60307
Conc: 78.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



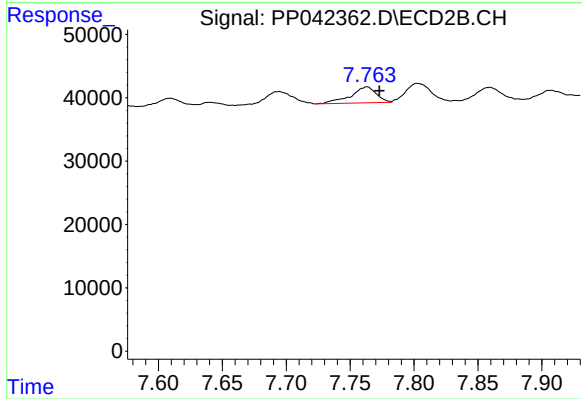
#36 AR-1262-1

R.T.: 7.457 min
Delta R.T.: -0.009 min
Response: 179366
Conc: 269.58 ng/ml



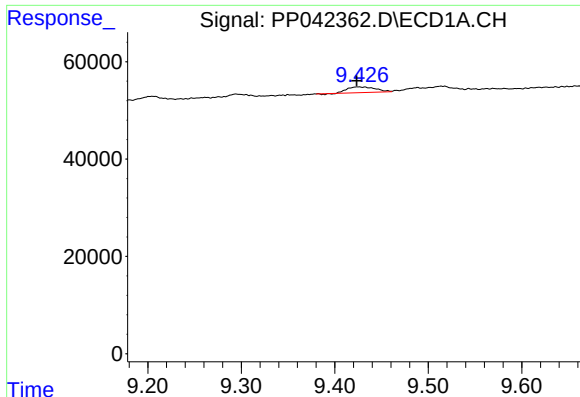
#37 AR-1262-2

R.T.: 9.107 min
Delta R.T.: -0.002 min
Response: 56607
Conc: 46.19 ng/ml



#37 AR-1262-2

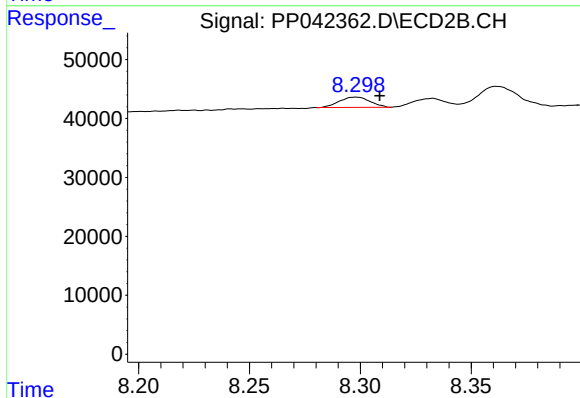
R.T.: 7.763 min
Delta R.T.: -0.010 min
Response: 35136
Conc: 32.39 ng/ml



#38 AR-1262-3

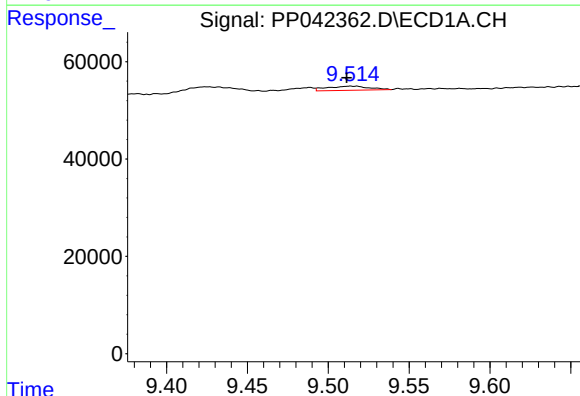
R.T.: 9.425 min
Delta R.T.: 0.002 min
Response: 24644
Conc: 50.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



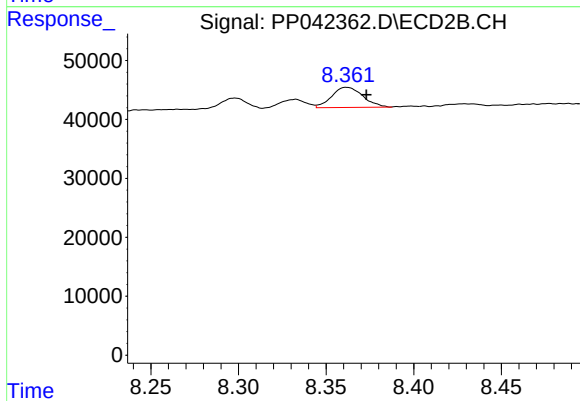
#38 AR-1262-3

R.T.: 8.298 min
Delta R.T.: -0.011 min
Response: 16918
Conc: 22.21 ng/ml



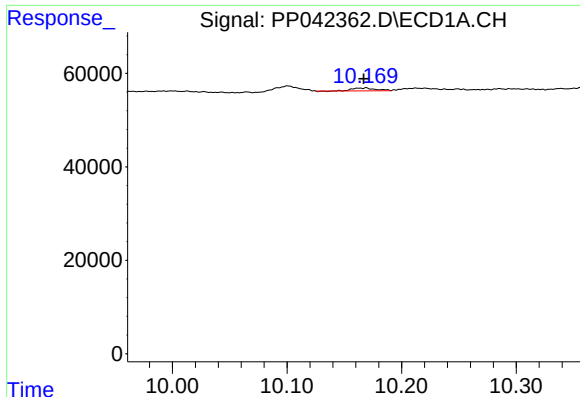
#39 AR-1262-4

R.T.: 9.514 min
Delta R.T.: 0.003 min
Response: 15487
Conc: 42.02 ng/ml



#39 AR-1262-4

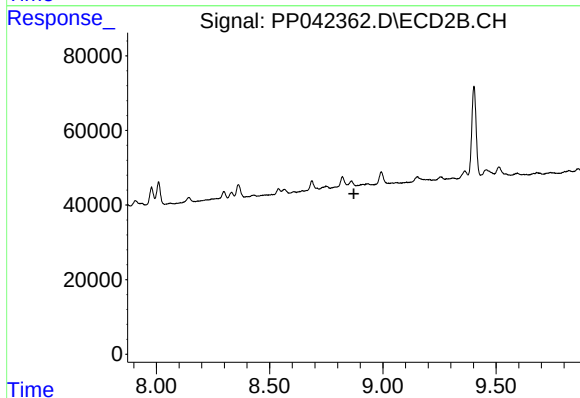
R.T.: 8.362 min
Delta R.T.: -0.011 min
Response: 42100
Conc: 27.64 ng/ml



#40 AR-1262-5

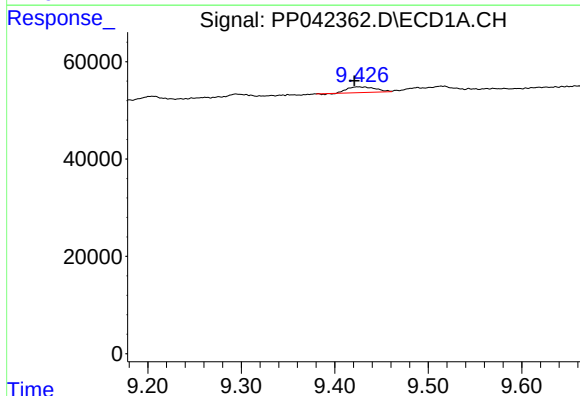
R.T.: 10.169 min
Delta R.T.: 0.002 min
Response: 9017
Conc: 19.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



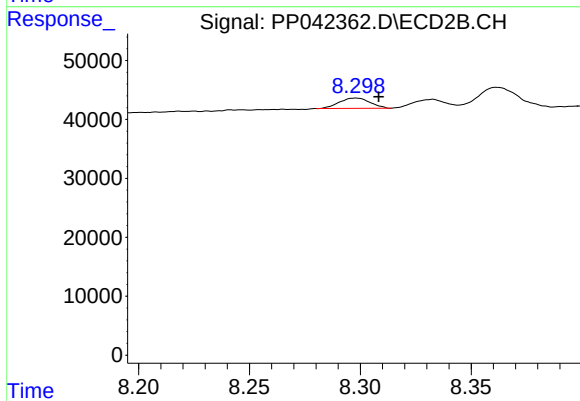
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.872 min
Response: 0
Conc: N.D.



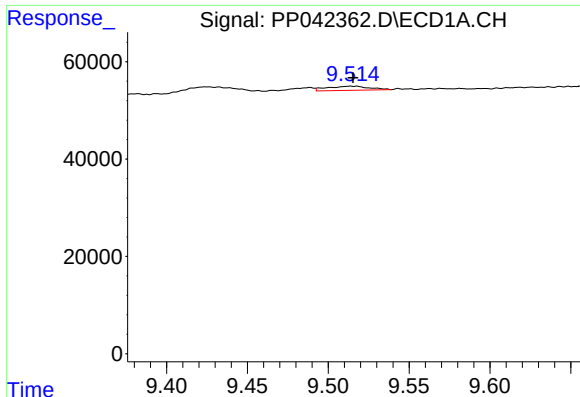
#41 AR-1268-1

R.T.: 9.425 min
Delta R.T.: 0.004 min
Response: 24644
Conc: 16.25 ng/ml



#41 AR-1268-1

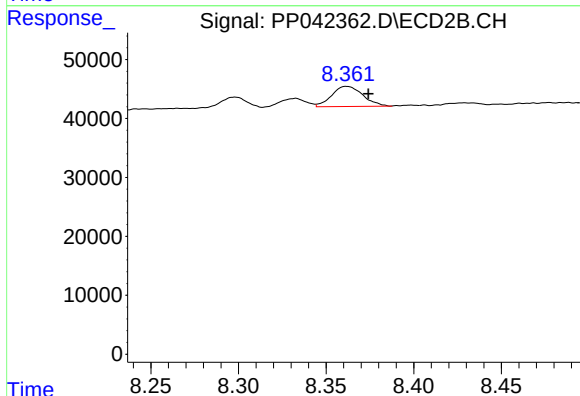
R.T.: 8.298 min
Delta R.T.: -0.010 min
Response: 16918
Conc: 7.48 ng/ml



#42 AR-1268-2

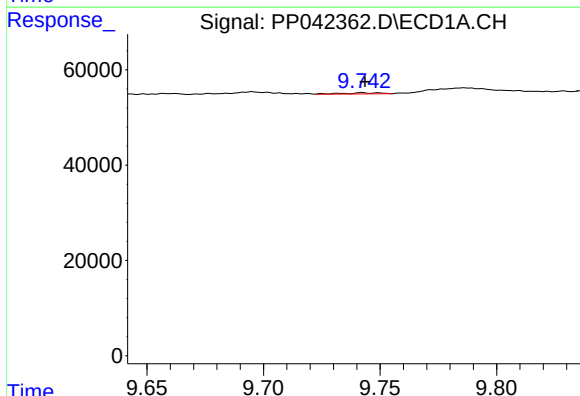
R.T.: 9.514 min
Delta R.T.: -0.001 min
Response: 15487
Conc: 10.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



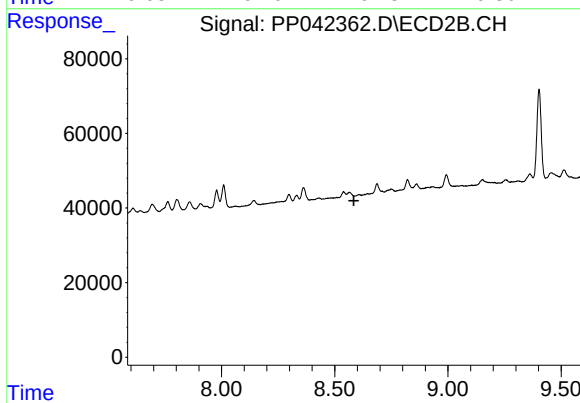
#42 AR-1268-2

R.T.: 8.362 min
Delta R.T.: -0.012 min
Response: 42100
Conc: 19.28 ng/ml



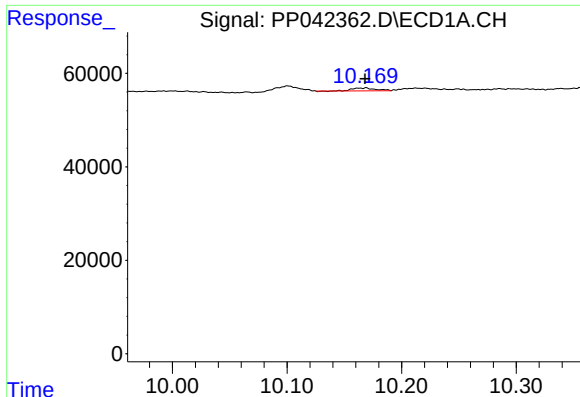
#43 AR-1268-3

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 2906
Conc: 2.26 ng/ml



#43 AR-1268-3

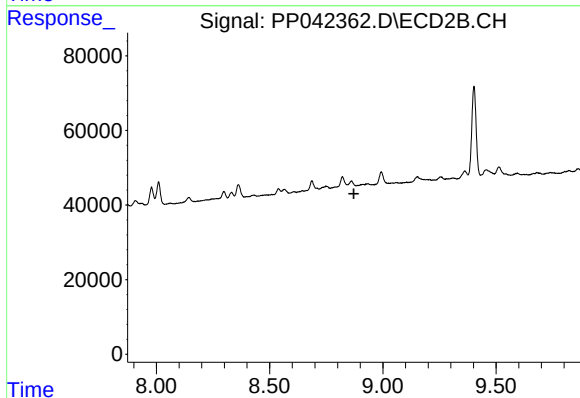
R.T.: 0.000 min
Exp R.T. : 8.584 min
Response: 0
Conc: N.D.



#44 AR-1268-4

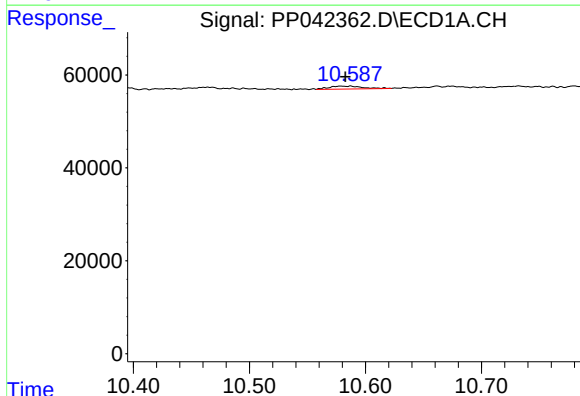
R.T.: 10.169 min
Delta R.T.: 0.001 min
Response: 9017
Conc: 17.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



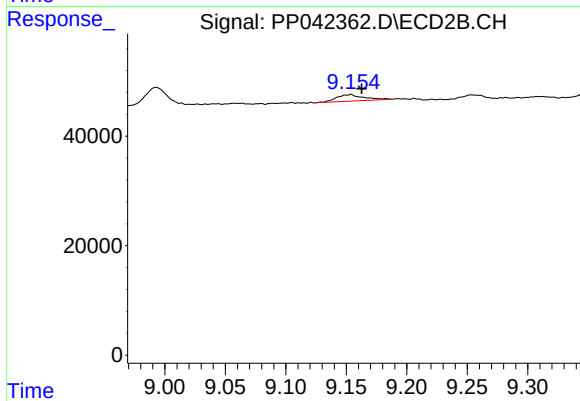
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.872 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.587 min
Delta R.T.: 0.004 min
Response: 12119
Conc: 3.13 ng/ml



#45 AR-1268-5

R.T.: 9.154 min
Delta R.T.: -0.009 min
Response: 18924
Conc: 3.32 ng/ml