

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110821\
 Data File : PP040798.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Nov 2021 22:08
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:40:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 04 11:28:51 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...	4.761	3.766	1096983	1274601	54.149	53.112
2)	SA Decachlor...	10.664	9.033	1049237	841841	49.266	48.207
Target Compounds							
3)	L1 AR-1016-1	6.077	5.016	372533	364390	530.579	521.320
4)	L1 AR-1016-2	6.101	5.034	570698	544313	535.084	529.117
5)	L1 AR-1016-3	6.165	5.226	357081	297613	551.055	524.923
6)	L1 AR-1016-4	6.272	5.279	281857	240604	524.453	529.753
7)	L1 AR-1016-5	6.586	5.506	292120	286150	538.278	511.682
8)	L2 AR-1221-1	0.000	4.023	0	48981	N.D.	177.425 #
9)	L2 AR-1221-2	5.149f	4.122	11396	66058	75.504	313.998 #
10)	L2 AR-1221-3	5.197f	4.210	210842	265110	382.935	403.868
11)	L3 AR-1232-1	5.197f	4.210	210842	265110	462.885	491.219
12)	L3 AR-1232-2	5.781f	5.034	296604	544313	1266.096	1279.705
13)	L3 AR-1232-3	6.101f	5.226	570698	297613	1328.201	1298.164
14)	L3 AR-1232-4	6.272f	5.322	281857	286584	1344.953	1444.278
15)	L3 AR-1232-5	6.370f	5.506	227573	286150	1590.808	1350.242
16)	L4 AR-1242-1	6.077	5.016	372533	364390	698.592	675.836
17)	L4 AR-1242-2	6.101	5.034	570698	544313	705.848	686.135
18)	L4 AR-1242-3	6.165	5.226	357081	297613	720.130	682.428
19)	L4 AR-1242-4	6.272	5.322	281857	286584	689.067	693.032
20)	L4 AR-1242-5	7.054	5.884	39666	201443	86.725	437.364 #
21)	L5 AR-1248-1	6.077	5.016	372533	364390	948.422	916.005
22)	L5 AR-1248-2	6.370	5.279	227573	240604	402.466	414.763
23)	L5 AR-1248-3	6.586	5.322	292120	286584	416.594	475.133
24)	L5 AR-1248-4	7.014	5.506	53014	286150	67.111	416.200 #
25)	L5 AR-1248-5	7.054	5.927	39666	35907	50.797	56.849
26)	L6 AR-1254-1	6.983	5.884	192544	201443	249.402	207.091
27)	L6 AR-1254-2	7.212	6.044	212081	176569	170.851	210.388
28)	L6 AR-1254-3	7.593	6.482f	120925	332339	89.821	263.151 #
29)	L6 AR-1254-4	7.887	6.704	78939	47995	80.905	64.505
30)	L6 AR-1254-5	8.315	7.132	711269	540443	655.586	503.267
31)	L7 AR-1260-1	7.759	6.600	496887	442738	511.693	510.240
32)	L7 AR-1260-2	8.025	6.799	592482	508042	511.766	504.895
33)	L7 AR-1260-3	8.389	6.952	462555	472921	523.853	501.034
34)	L7 AR-1260-4	8.618	7.435	550829	394057	521.326	501.892
35)	L7 AR-1260-5	8.934	7.685	1040171	851883	498.174	479.517
36)	L8 AR-1262-1	8.389f	7.132	462555	540443	369.149	937.830 #
37)	L8 AR-1262-2	8.934f	7.685	1040171	851883	457.737	478.429
38)	L8 AR-1262-3	0.000	7.970	0	207953	N.D.	268.205 #
39)	L8 AR-1262-4	9.302	8.034	270543	659056	461.375	470.241
40)	L8 AR-1262-5	9.955f	8.534	332387	257191	365.022	370.367
41)	L9 AR-1268-1	9.251f	7.970	697988	207953	256.048	96.986 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

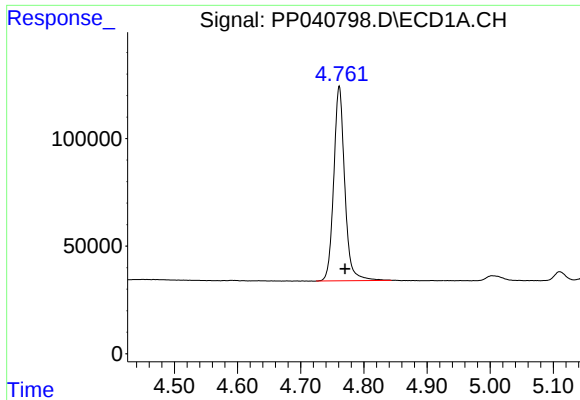
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:40:01 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
42) L9	AR-1268-2	9.319	8.034	188755	659056	72.100	330.643 #
43) L9	AR-1268-3	9.536	8.241	19667	12560	8.908	7.190
44) L9	AR-1268-4	9.955	8.534	332387	257191	327.123	335.090
45) L9	AR-1268-5	10.347	8.806	100246	73035	13.763	13.532

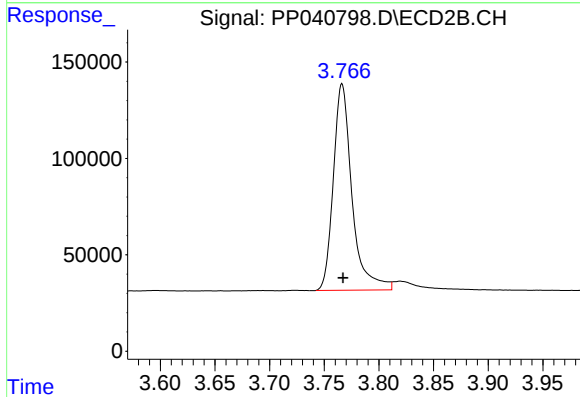
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

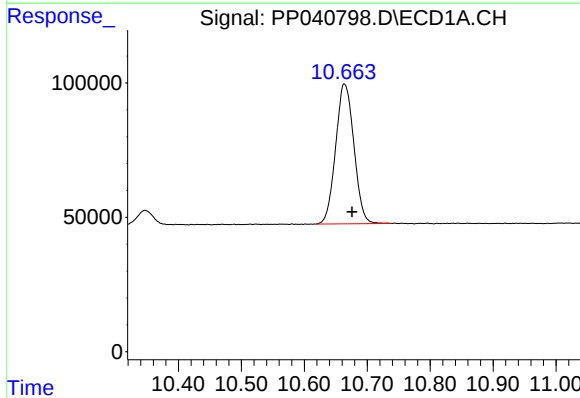
R.T.: 4.761 min
Delta R.T.: -0.009 min
Response: 1096983
Conc: 54.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



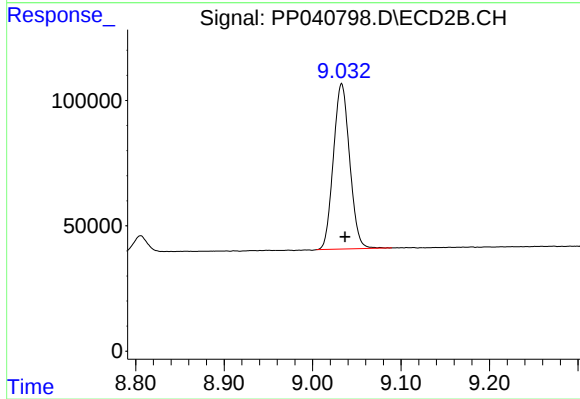
#1 Tetrachloro-m-xylene

R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 1274601
Conc: 53.11 ng/ml



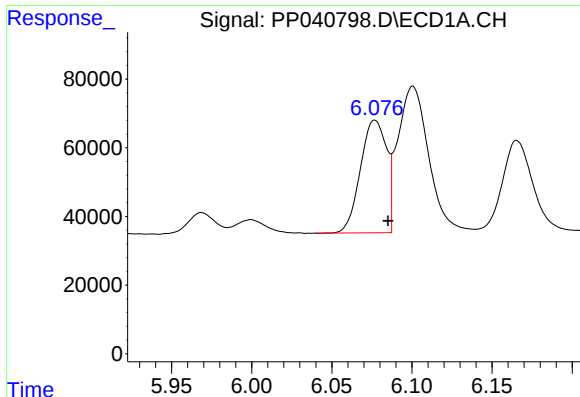
#2 Decachlorobiphenyl

R.T.: 10.664 min
Delta R.T.: -0.012 min
Response: 1049237
Conc: 49.27 ng/ml



#2 Decachlorobiphenyl

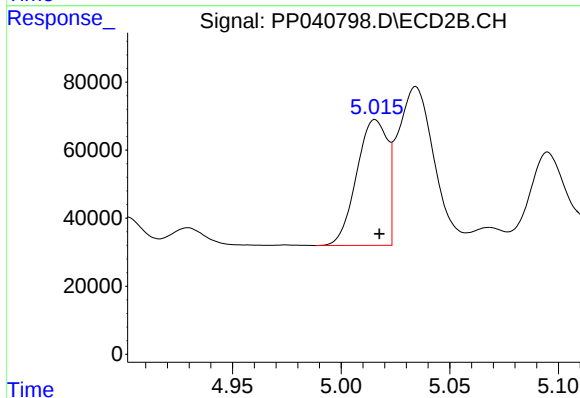
R.T.: 9.033 min
Delta R.T.: -0.004 min
Response: 841841
Conc: 48.21 ng/ml



#3 AR-1016-1

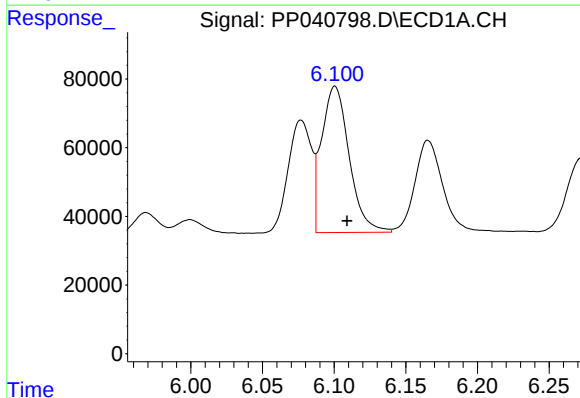
R.T.: 6.077 min
Delta R.T.: -0.008 min
Response: 372533
Conc: 530.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



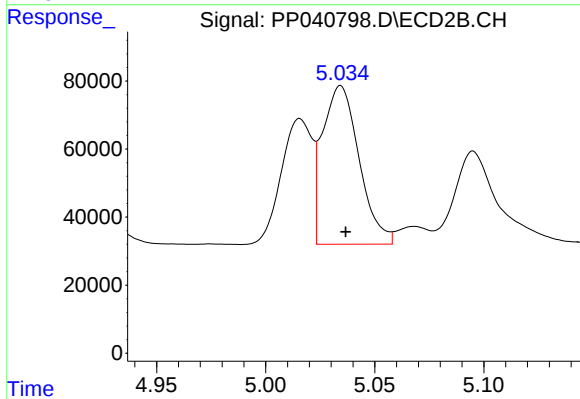
#3 AR-1016-1

R.T.: 5.016 min
Delta R.T.: -0.002 min
Response: 364390
Conc: 521.32 ng/ml



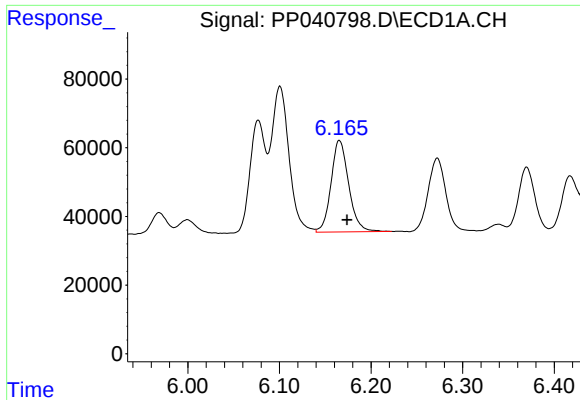
#4 AR-1016-2

R.T.: 6.101 min
Delta R.T.: -0.008 min
Response: 570698
Conc: 535.08 ng/ml



#4 AR-1016-2

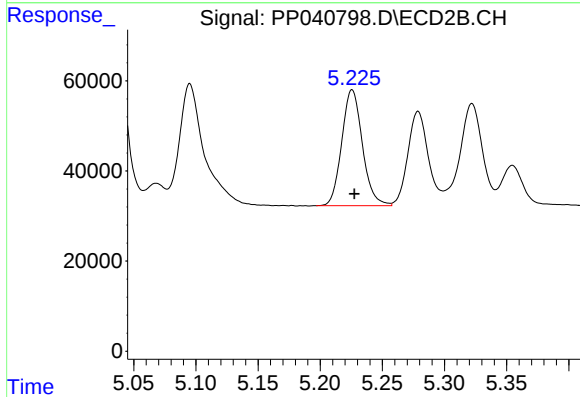
R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 544313
Conc: 529.12 ng/ml



#5 AR-1016-3

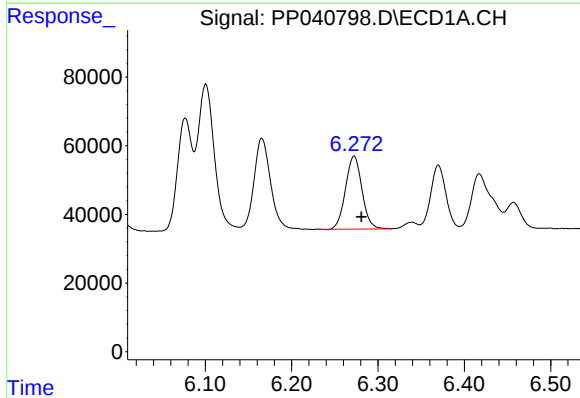
R.T.: 6.165 min
Delta R.T.: -0.009 min
Response: 357081
Conc: 551.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



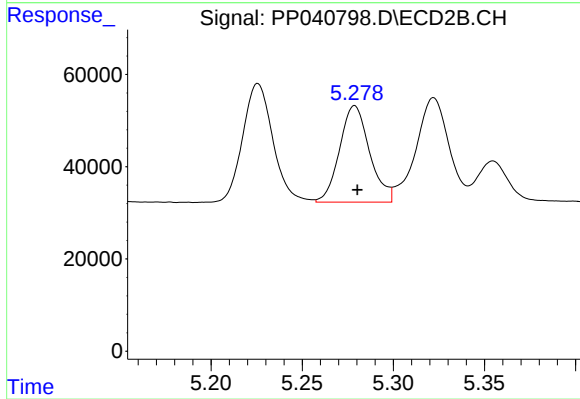
#5 AR-1016-3

R.T.: 5.226 min
Delta R.T.: -0.002 min
Response: 297613
Conc: 524.92 ng/ml



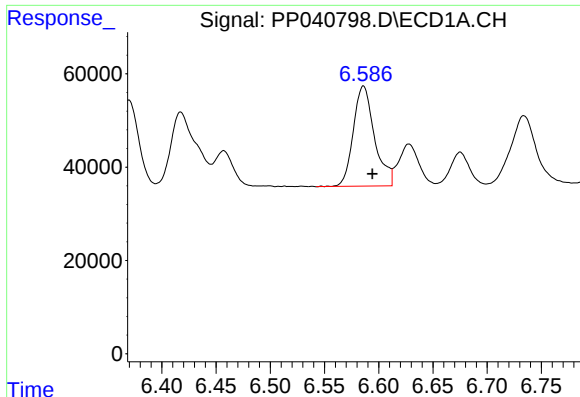
#6 AR-1016-4

R.T.: 6.272 min
Delta R.T.: -0.009 min
Response: 281857
Conc: 524.45 ng/ml



#6 AR-1016-4

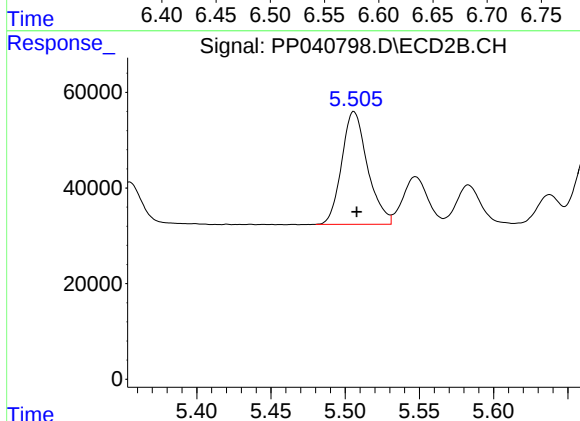
R.T.: 5.279 min
Delta R.T.: -0.002 min
Response: 240604
Conc: 529.75 ng/ml



#7 AR-1016-5

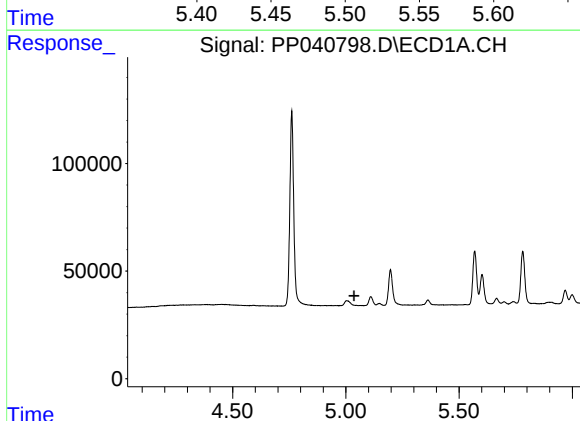
R.T.: 6.586 min
Delta R.T.: -0.008 min
Response: 292120
Conc: 538.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



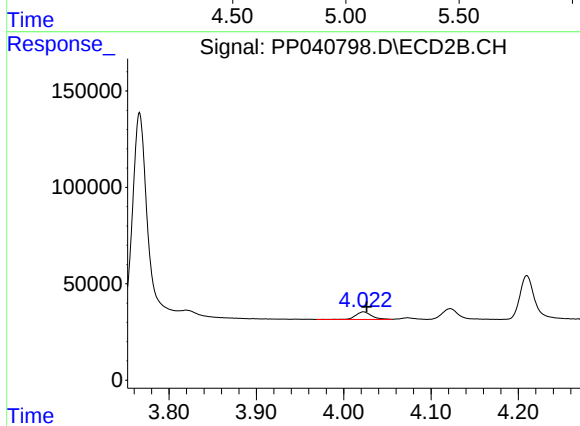
#7 AR-1016-5

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 286150
Conc: 511.68 ng/ml



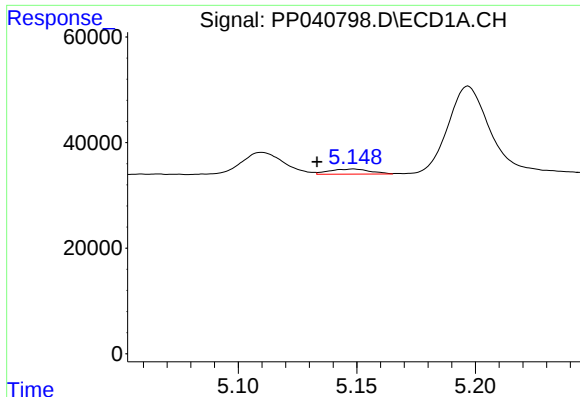
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.036 min
Response: 0
Conc: N.D.



#8 AR-1221-1

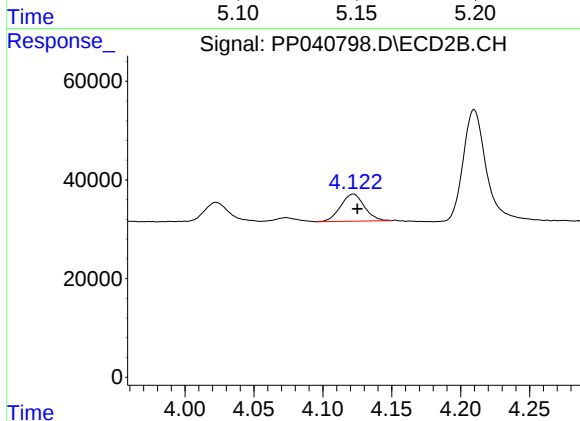
R.T.: 4.023 min
Delta R.T.: -0.004 min
Response: 48981
Conc: 177.43 ng/ml



#9 AR-1221-2

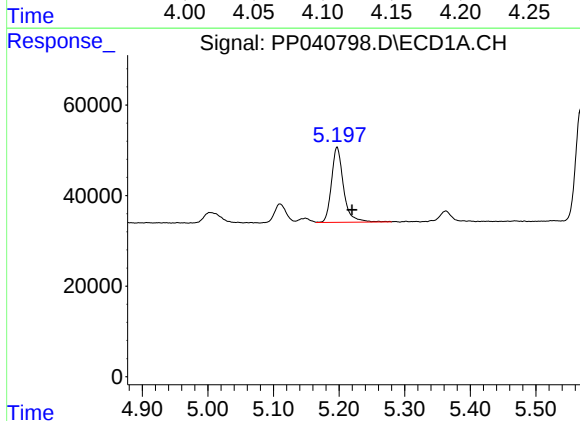
R.T.: 5.149 min
Delta R.T.: 0.015 min
Response: 11396
Conc: 75.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



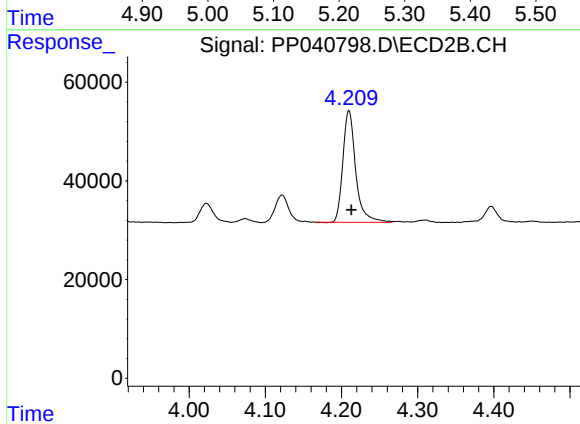
#9 AR-1221-2

R.T.: 4.122 min
Delta R.T.: -0.003 min
Response: 66058
Conc: 314.00 ng/ml



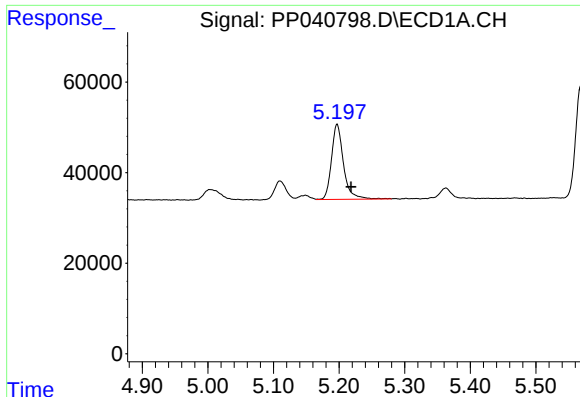
#10 AR-1221-3

R.T.: 5.197 min
Delta R.T.: -0.023 min
Response: 210842
Conc: 382.94 ng/ml



#10 AR-1221-3

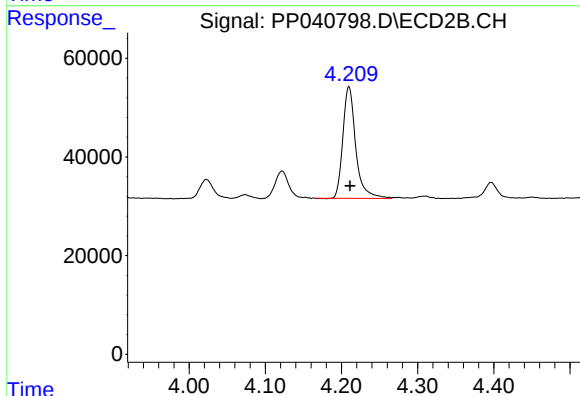
R.T.: 4.210 min
Delta R.T.: -0.003 min
Response: 265110
Conc: 403.87 ng/ml



#11 AR-1232-1

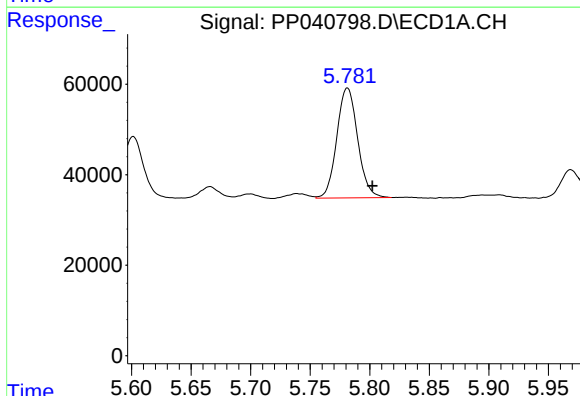
R.T.: 5.197 min
Delta R.T.: -0.021 min
Response: 210842
Conc: 462.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



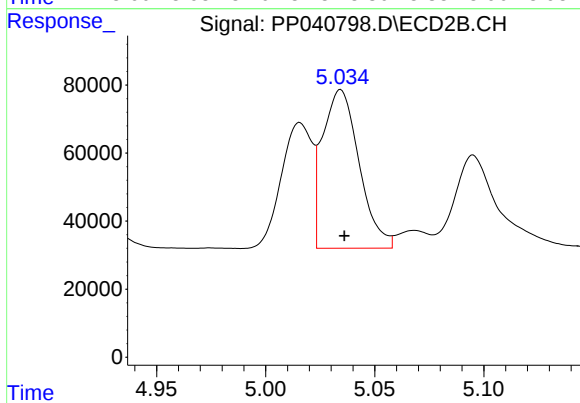
#11 AR-1232-1

R.T.: 4.210 min
Delta R.T.: -0.001 min
Response: 265110
Conc: 491.22 ng/ml



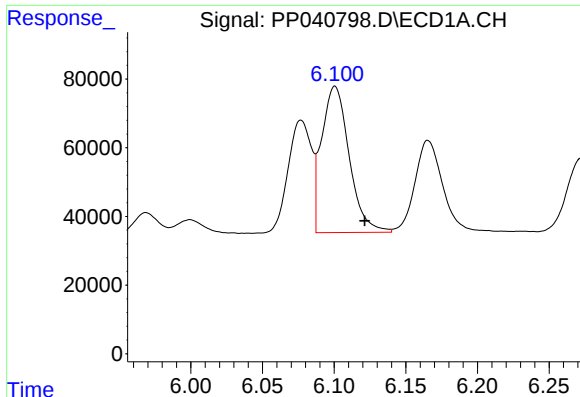
#12 AR-1232-2

R.T.: 5.781 min
Delta R.T.: -0.021 min
Response: 296604
Conc: 1266.10 ng/ml



#12 AR-1232-2

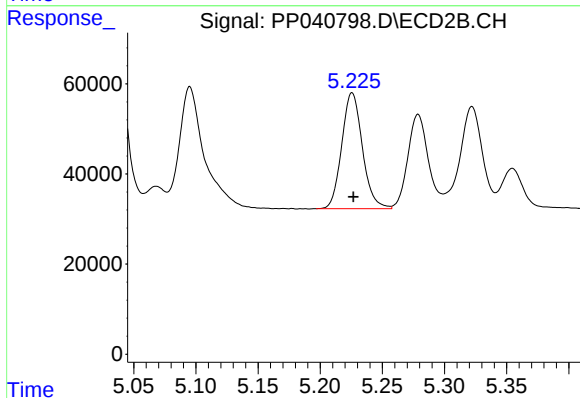
R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 544313
Conc: 1279.70 ng/ml



#13 AR-1232-3

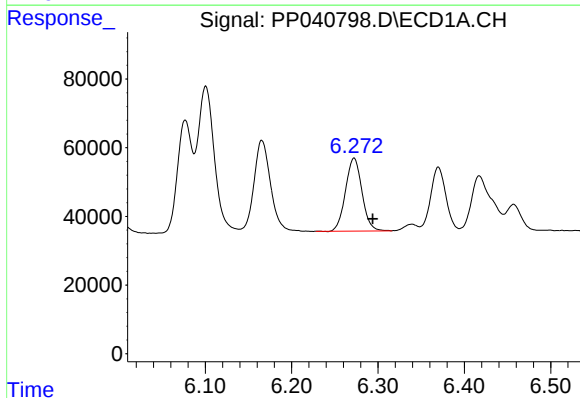
R.T.: 6.101 min
Delta R.T.: -0.021 min
Response: 570698
Conc: 1328.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



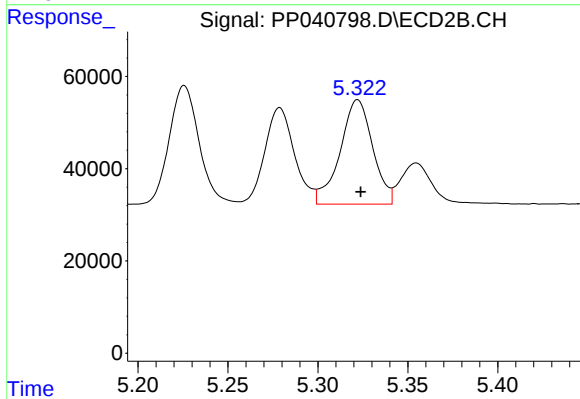
#13 AR-1232-3

R.T.: 5.226 min
Delta R.T.: -0.001 min
Response: 297613
Conc: 1298.16 ng/ml



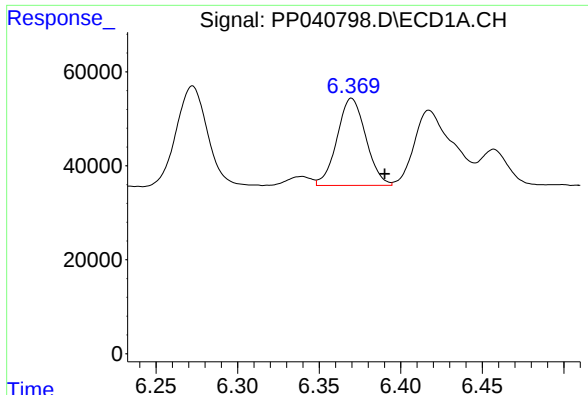
#14 AR-1232-4

R.T.: 6.272 min
Delta R.T.: -0.021 min
Response: 281857
Conc: 1344.95 ng/ml



#14 AR-1232-4

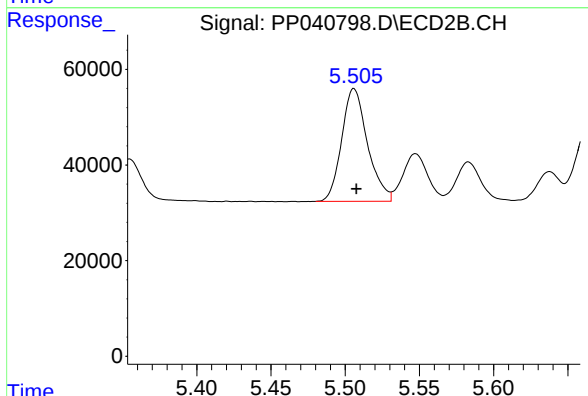
R.T.: 5.322 min
Delta R.T.: -0.002 min
Response: 286584
Conc: 1444.28 ng/ml



#15 AR-1232-5

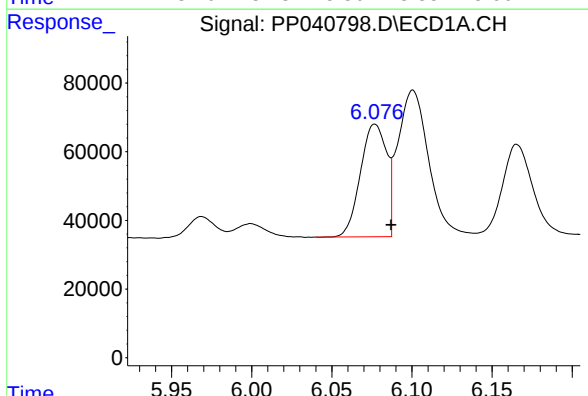
R.T.: 6.370 min
Delta R.T.: -0.020 min
Response: 227573
Conc: 1590.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



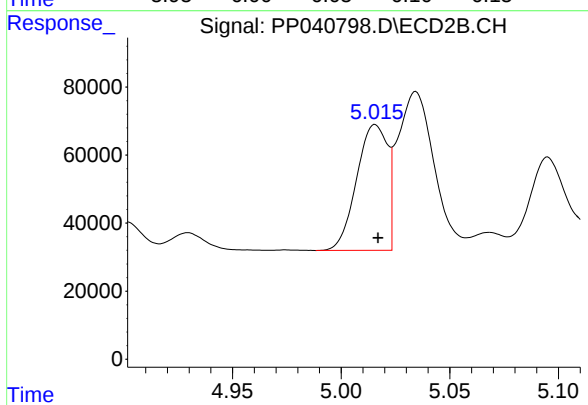
#15 AR-1232-5

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 286150
Conc: 1350.24 ng/ml



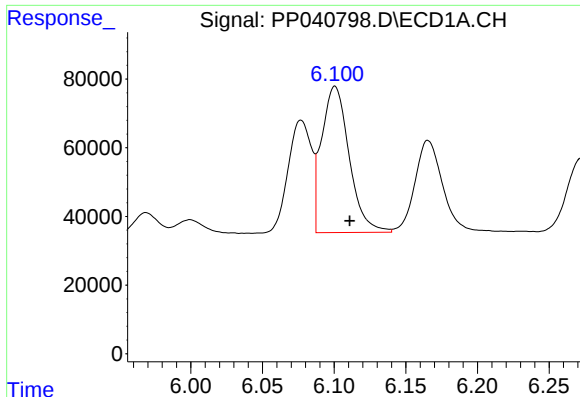
#16 AR-1242-1

R.T.: 6.077 min
Delta R.T.: -0.010 min
Response: 372533
Conc: 698.59 ng/ml



#16 AR-1242-1

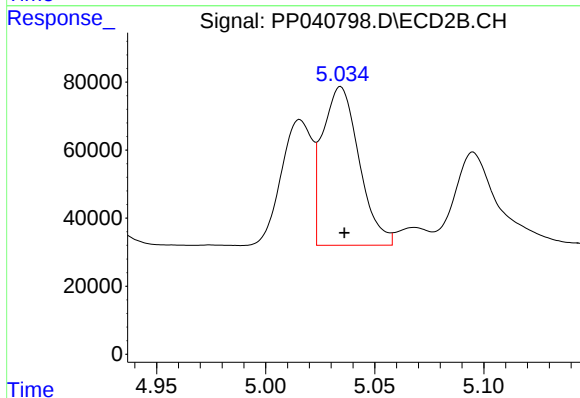
R.T.: 5.016 min
Delta R.T.: -0.001 min
Response: 364390
Conc: 675.84 ng/ml



#17 AR-1242-2

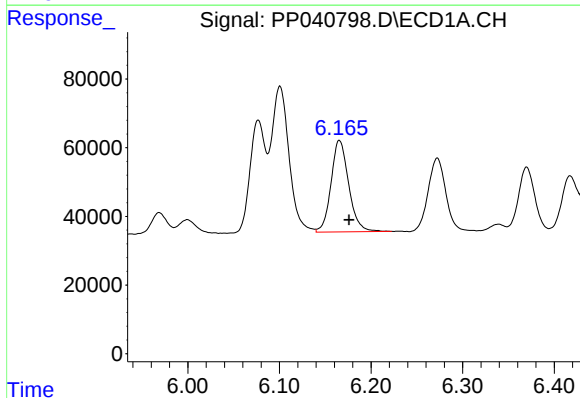
R.T.: 6.101 min
Delta R.T.: -0.010 min
Response: 570698
Conc: 705.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



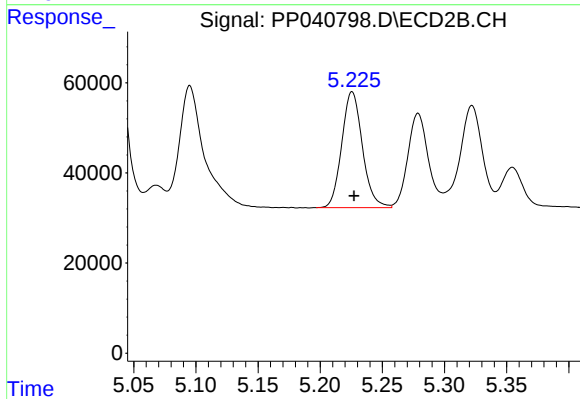
#17 AR-1242-2

R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 544313
Conc: 686.14 ng/ml



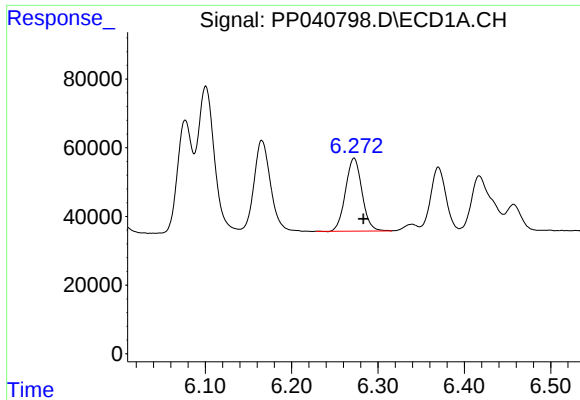
#18 AR-1242-3

R.T.: 6.165 min
Delta R.T.: -0.011 min
Response: 357081
Conc: 720.13 ng/ml



#18 AR-1242-3

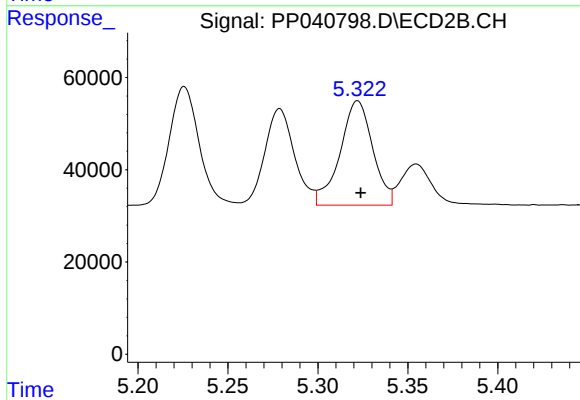
R.T.: 5.226 min
Delta R.T.: -0.001 min
Response: 297613
Conc: 682.43 ng/ml



#19 AR-1242-4

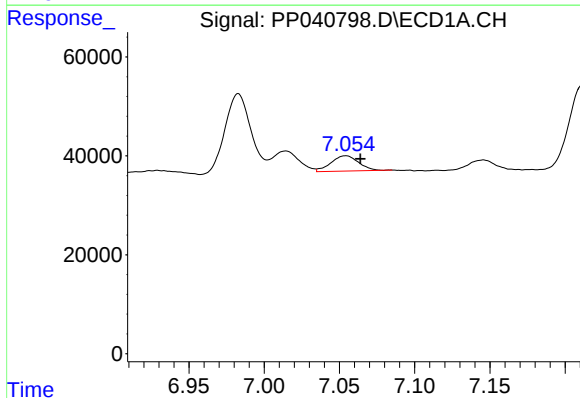
R.T.: 6.272 min
Delta R.T.: -0.011 min
Response: 281857
Conc: 689.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



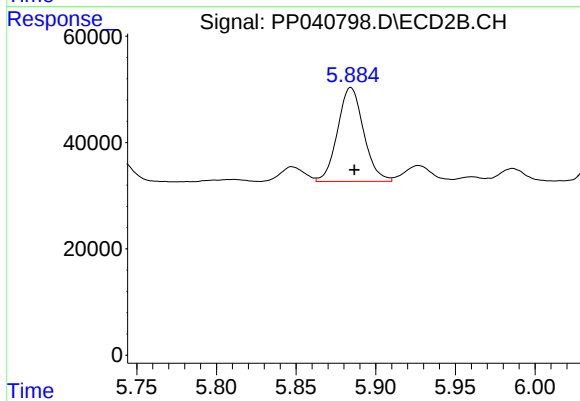
#19 AR-1242-4

R.T.: 5.322 min
Delta R.T.: -0.002 min
Response: 286584
Conc: 693.03 ng/ml



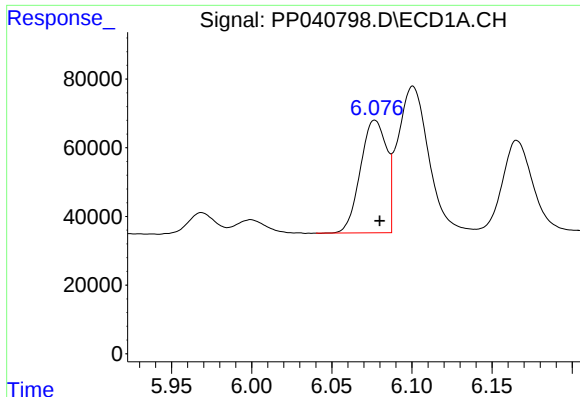
#20 AR-1242-5

R.T.: 7.054 min
Delta R.T.: -0.010 min
Response: 39666
Conc: 86.73 ng/ml



#20 AR-1242-5

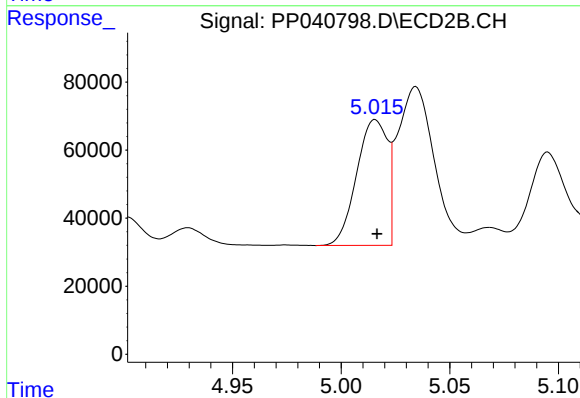
R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 201443
Conc: 437.36 ng/ml



#21 AR-1248-1

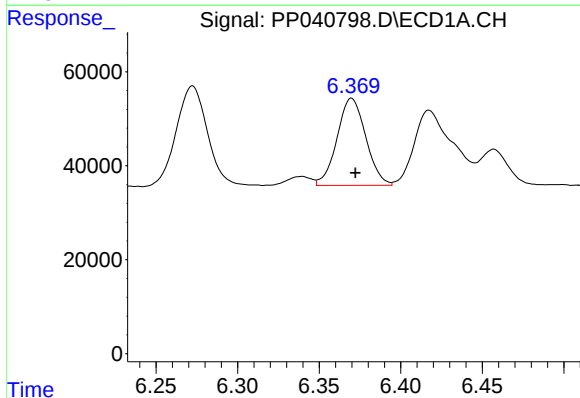
R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 372533
Conc: 948.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



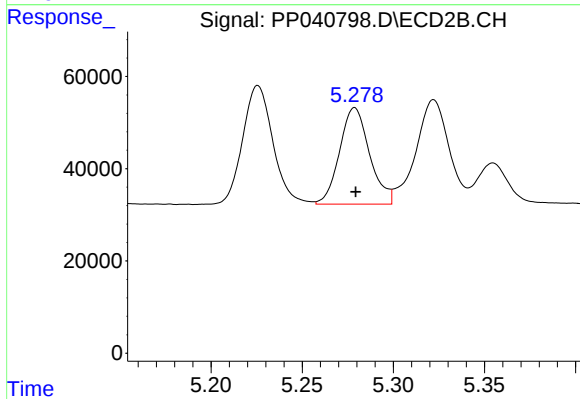
#21 AR-1248-1

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 364390
Conc: 916.01 ng/ml



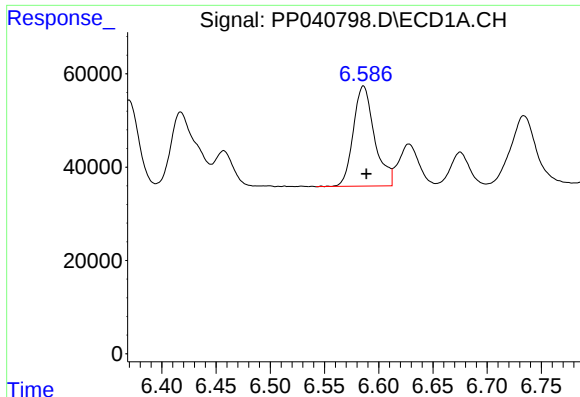
#22 AR-1248-2

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 227573
Conc: 402.47 ng/ml



#22 AR-1248-2

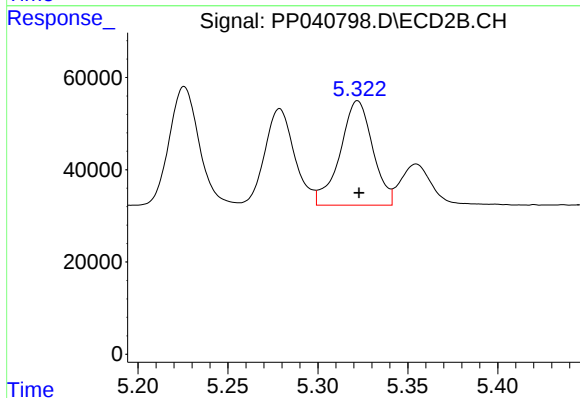
R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 240604
Conc: 414.76 ng/ml



#23 AR-1248-3

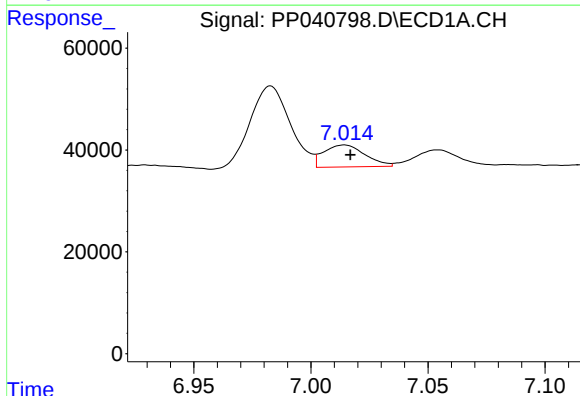
R.T.: 6.586 min
Delta R.T.: -0.003 min
Response: 292120
Conc: 416.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



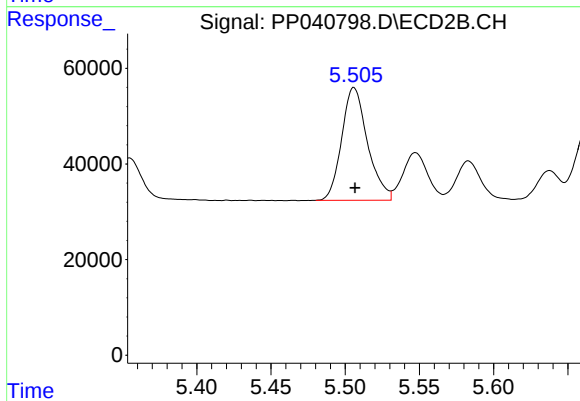
#23 AR-1248-3

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 286584
Conc: 475.13 ng/ml



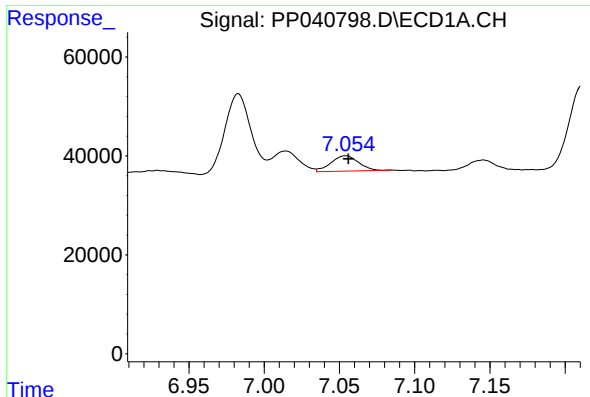
#24 AR-1248-4

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 53014
Conc: 67.11 ng/ml



#24 AR-1248-4

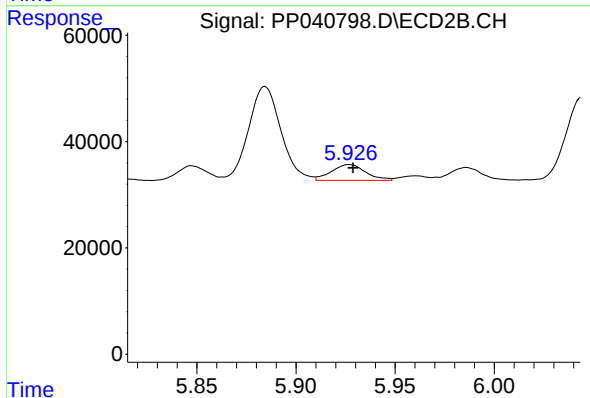
R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 286150
Conc: 416.20 ng/ml



#25 AR-1248-5

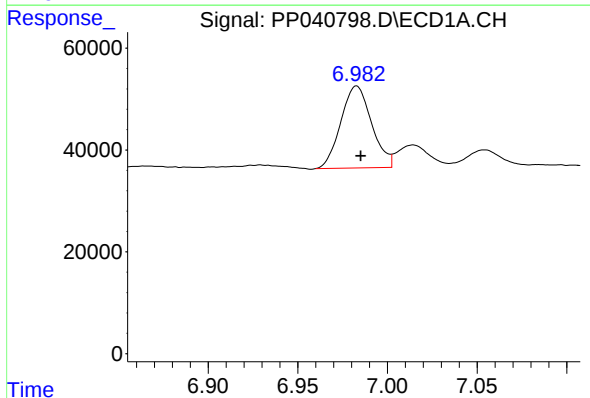
R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 39666
Conc: 50.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



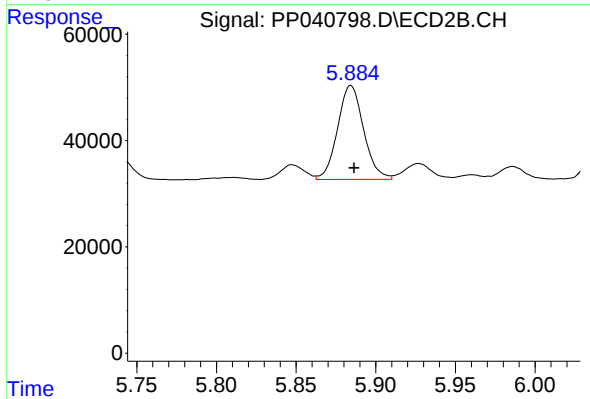
#25 AR-1248-5

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 35907
Conc: 56.85 ng/ml



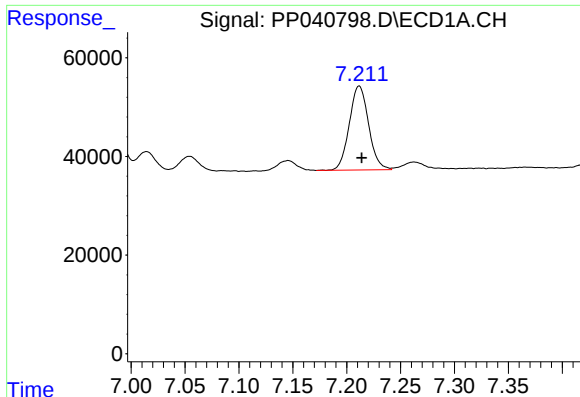
#26 AR-1254-1

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 192544
Conc: 249.40 ng/ml



#26 AR-1254-1

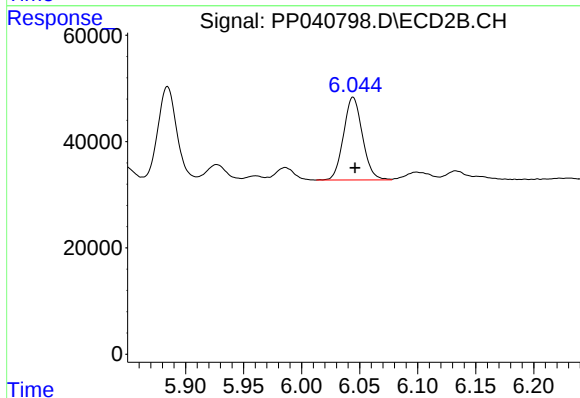
R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 201443
Conc: 207.09 ng/ml



#27 AR-1254-2

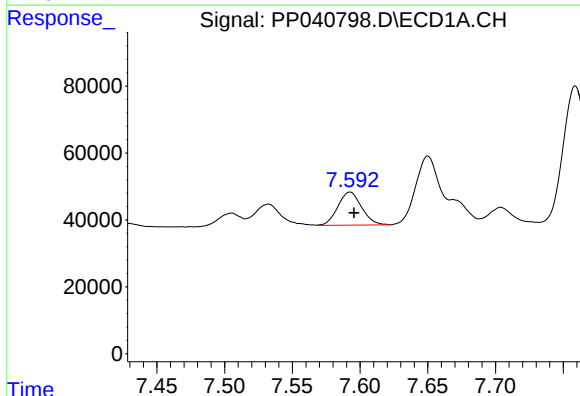
R.T.: 7.212 min
Delta R.T.: -0.003 min
Response: 212081
Conc: 170.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



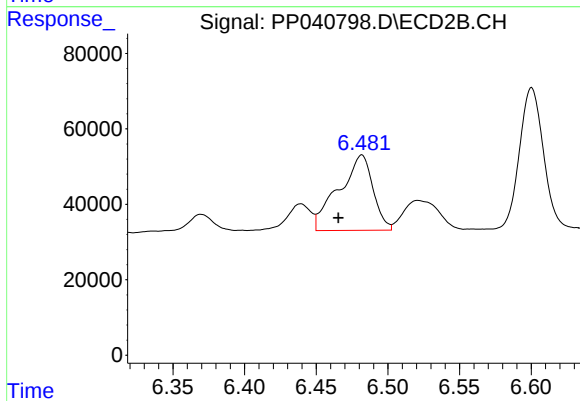
#27 AR-1254-2

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 176569
Conc: 210.39 ng/ml



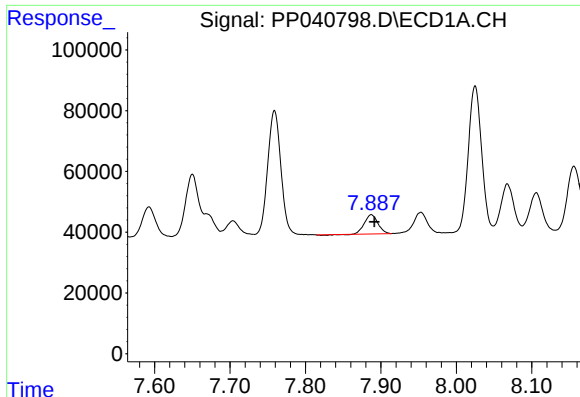
#28 AR-1254-3

R.T.: 7.593 min
Delta R.T.: -0.003 min
Response: 120925
Conc: 89.82 ng/ml



#28 AR-1254-3

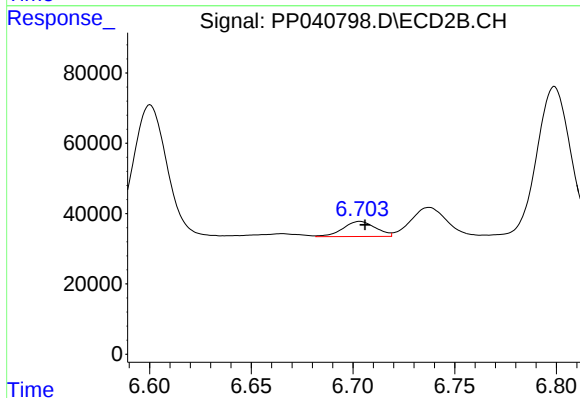
R.T.: 6.482 min
Delta R.T.: 0.016 min
Response: 332339
Conc: 263.15 ng/ml



#29 AR-1254-4

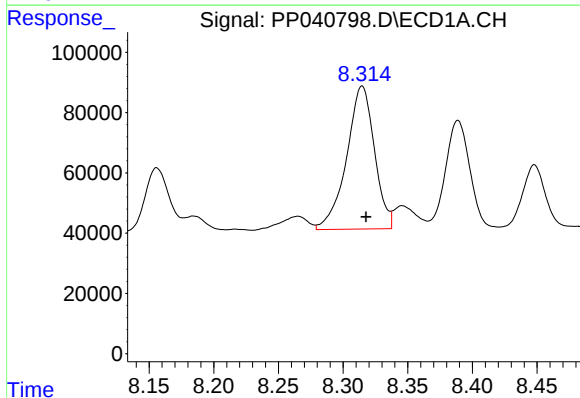
R.T.: 7.887 min
Delta R.T.: -0.004 min
Response: 78939
Conc: 80.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



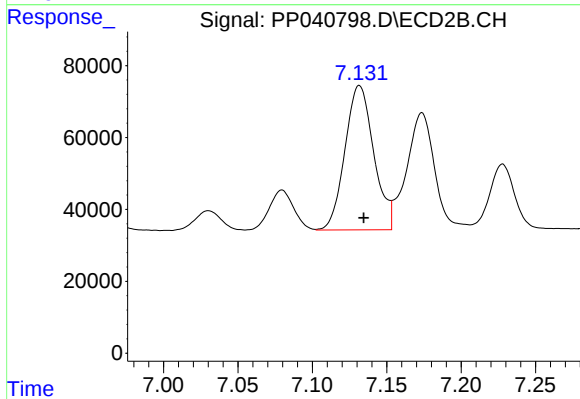
#29 AR-1254-4

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 47995
Conc: 64.51 ng/ml



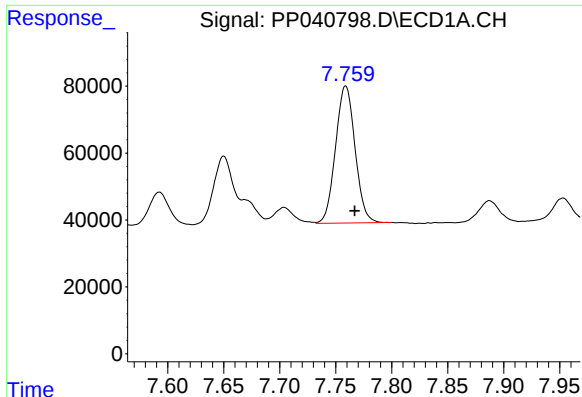
#30 AR-1254-5

R.T.: 8.315 min
Delta R.T.: -0.003 min
Response: 711269
Conc: 655.59 ng/ml



#30 AR-1254-5

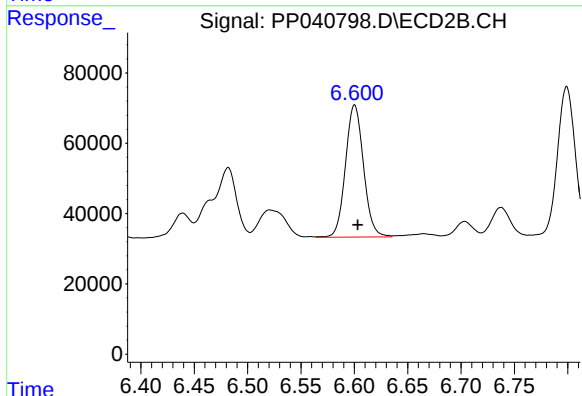
R.T.: 7.132 min
Delta R.T.: -0.003 min
Response: 540443
Conc: 503.27 ng/ml



#31 AR-1260-1

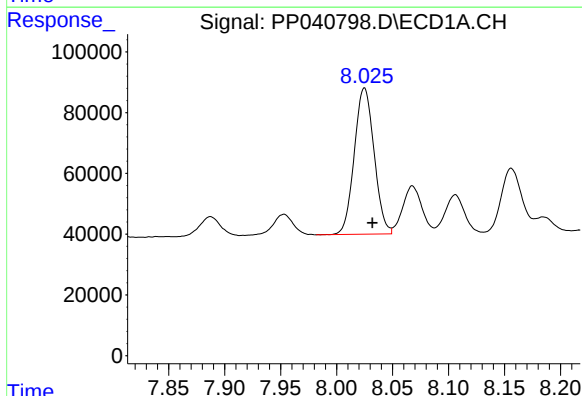
R.T.: 7.759 min
Delta R.T.: -0.008 min
Response: 496887
Conc: 511.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



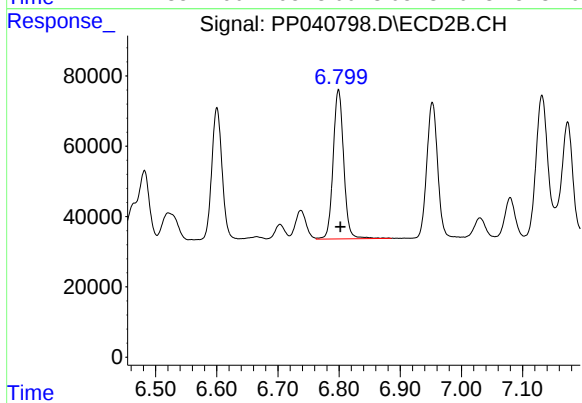
#31 AR-1260-1

R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 442738
Conc: 510.24 ng/ml



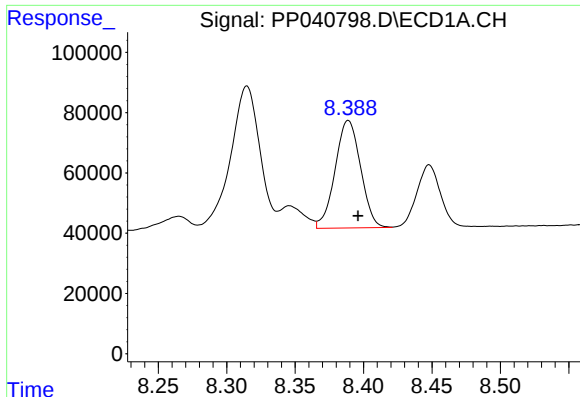
#32 AR-1260-2

R.T.: 8.025 min
Delta R.T.: -0.007 min
Response: 592482
Conc: 511.77 ng/ml



#32 AR-1260-2

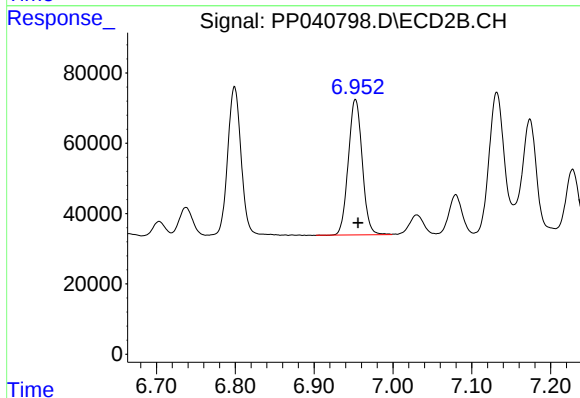
R.T.: 6.799 min
Delta R.T.: -0.003 min
Response: 508042
Conc: 504.90 ng/ml



#33 AR-1260-3

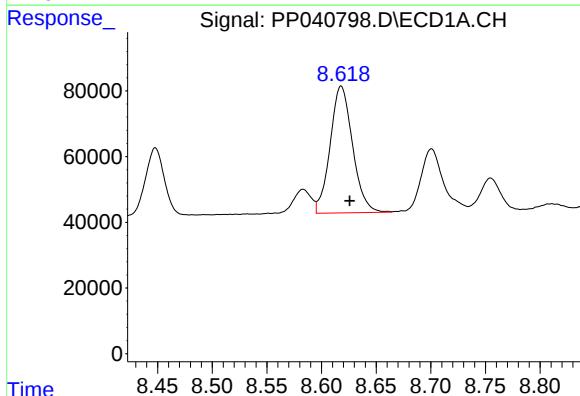
R.T.: 8.389 min
Delta R.T.: -0.007 min
Response: 462555
Conc: 523.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



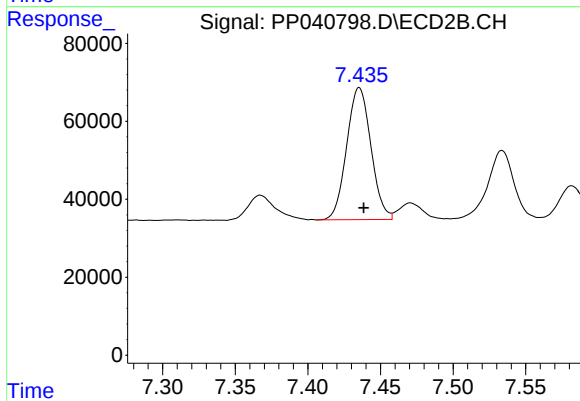
#33 AR-1260-3

R.T.: 6.952 min
Delta R.T.: -0.003 min
Response: 472921
Conc: 501.03 ng/ml



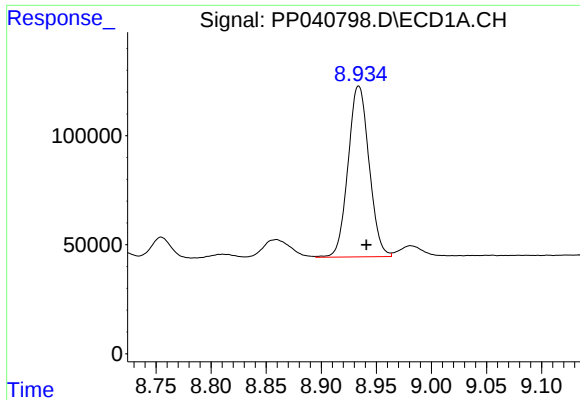
#34 AR-1260-4

R.T.: 8.618 min
Delta R.T.: -0.008 min
Response: 550829
Conc: 521.33 ng/ml



#34 AR-1260-4

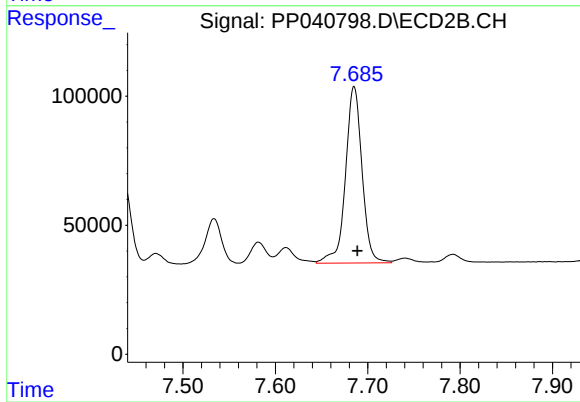
R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 394057
Conc: 501.89 ng/ml



#35 AR-1260-5

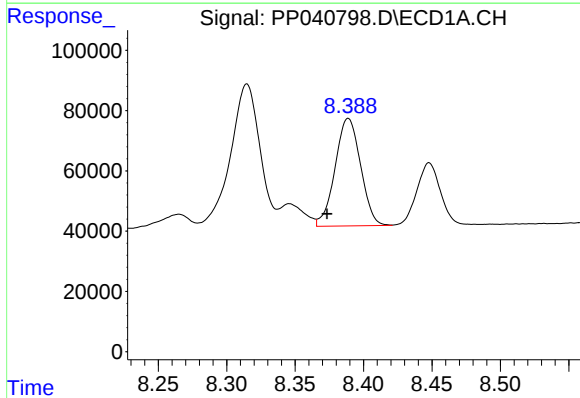
R.T.: 8.934 min
Delta R.T.: -0.007 min
Response: 1040171
Conc: 498.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



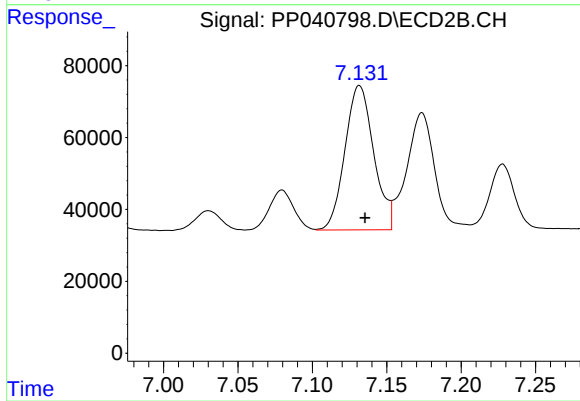
#35 AR-1260-5

R.T.: 7.685 min
Delta R.T.: -0.003 min
Response: 851883
Conc: 479.52 ng/ml



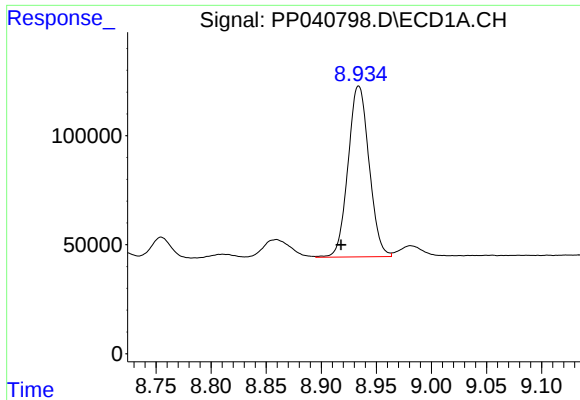
#36 AR-1262-1

R.T.: 8.389 min
Delta R.T.: 0.016 min
Response: 462555
Conc: 369.15 ng/ml



#36 AR-1262-1

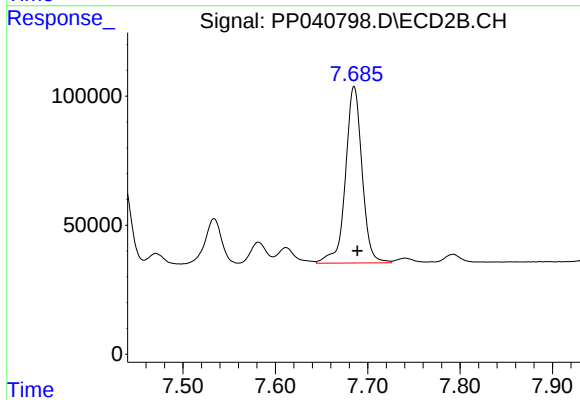
R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 540443
Conc: 937.83 ng/ml



#37 AR-1262-2

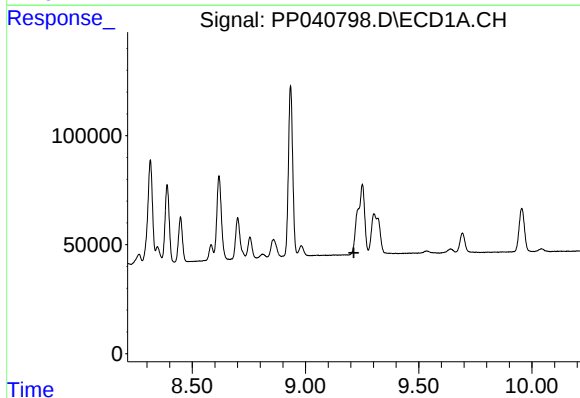
R.T.: 8.934 min
Delta R.T.: 0.016 min
Response: 1040171
Conc: 457.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



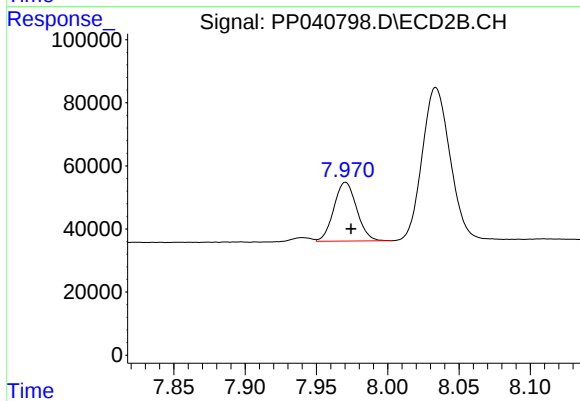
#37 AR-1262-2

R.T.: 7.685 min
Delta R.T.: -0.003 min
Response: 851883
Conc: 478.43 ng/ml



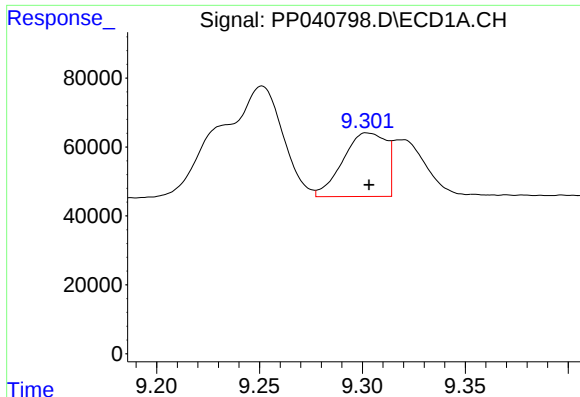
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.214 min
Response: 0
Conc: N.D.



#38 AR-1262-3

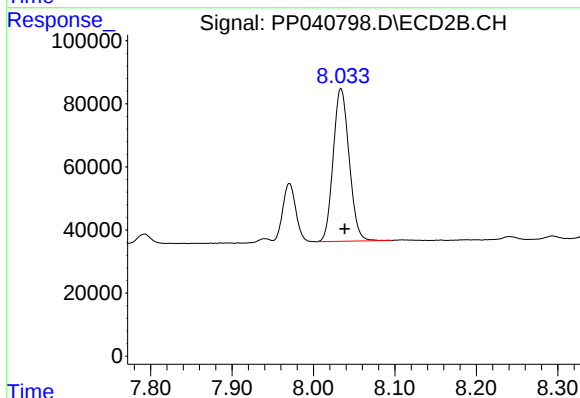
R.T.: 7.970 min
Delta R.T.: -0.004 min
Response: 207953
Conc: 268.20 ng/ml



#39 AR-1262-4

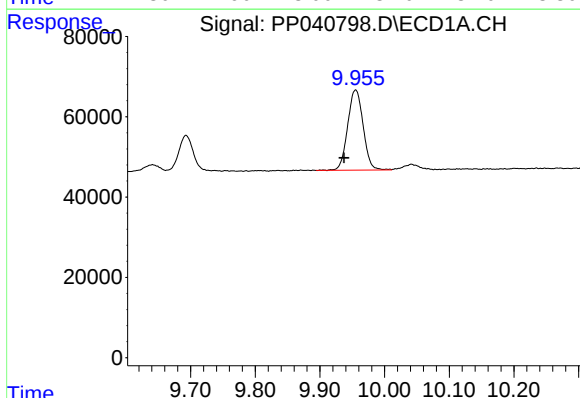
R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 270543
Conc: 461.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



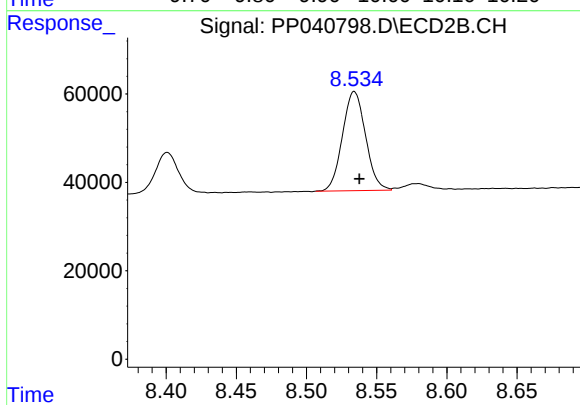
#39 AR-1262-4

R.T.: 8.034 min
Delta R.T.: -0.005 min
Response: 659056
Conc: 470.24 ng/ml



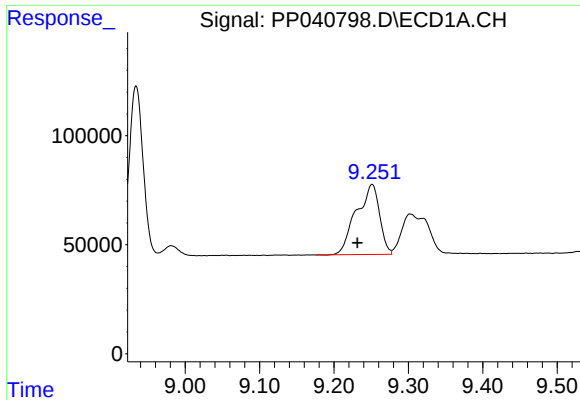
#40 AR-1262-5

R.T.: 9.955 min
Delta R.T.: 0.018 min
Response: 332387
Conc: 365.02 ng/ml



#40 AR-1262-5

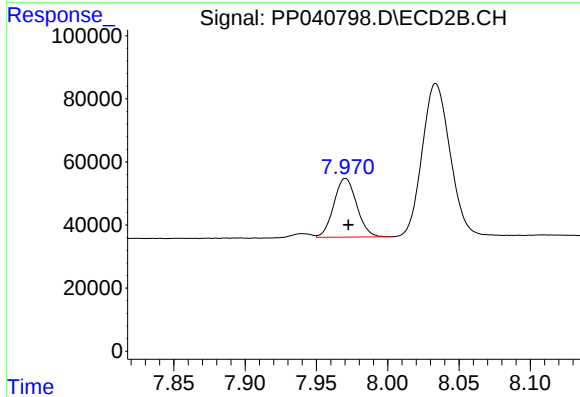
R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 257191
Conc: 370.37 ng/ml



#41 AR-1268-1

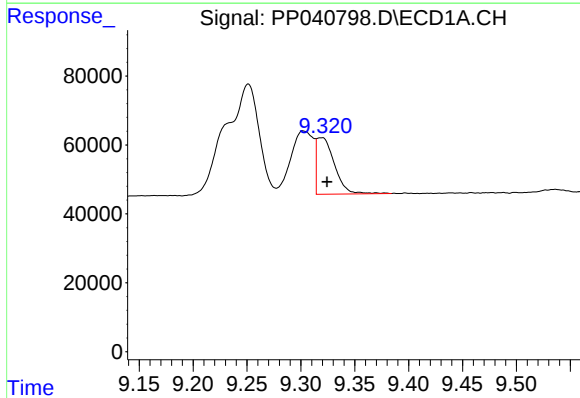
R.T.: 9.251 min
Delta R.T.: 0.020 min
Response: 697988
Conc: 256.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



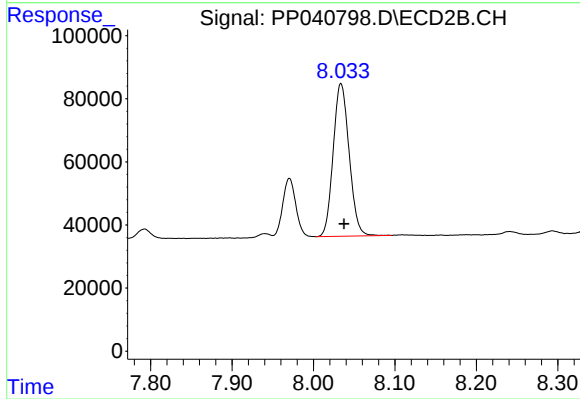
#41 AR-1268-1

R.T.: 7.970 min
Delta R.T.: -0.002 min
Response: 207953
Conc: 96.99 ng/ml



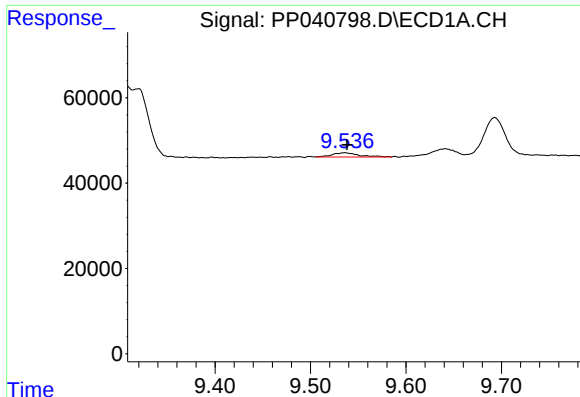
#42 AR-1268-2

R.T.: 9.319 min
Delta R.T.: -0.005 min
Response: 188755
Conc: 72.10 ng/ml



#42 AR-1268-2

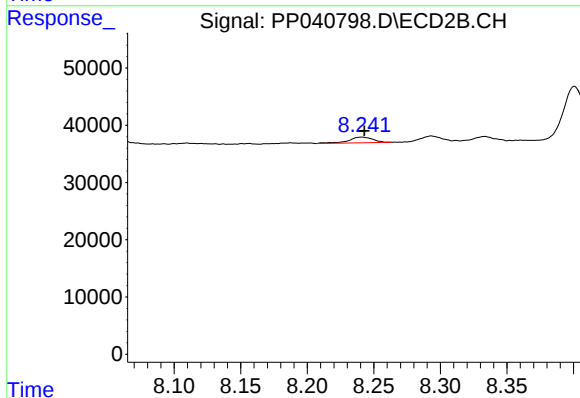
R.T.: 8.034 min
Delta R.T.: -0.004 min
Response: 659056
Conc: 330.64 ng/ml



#43 AR-1268-3

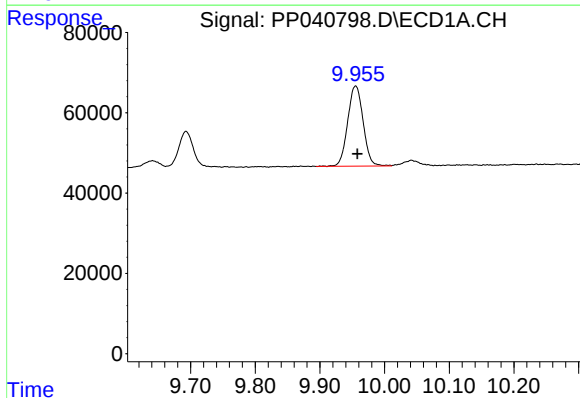
R.T.: 9.536 min
Delta R.T.: -0.002 min
Response: 19667
Conc: 8.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



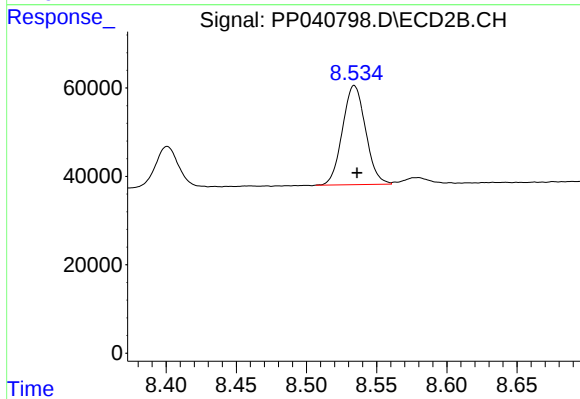
#43 AR-1268-3

R.T.: 8.241 min
Delta R.T.: -0.002 min
Response: 12560
Conc: 7.19 ng/ml



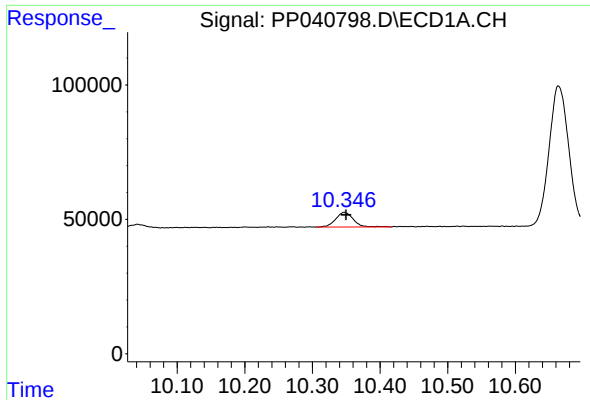
#44 AR-1268-4

R.T.: 9.955 min
Delta R.T.: -0.003 min
Response: 332387
Conc: 327.12 ng/ml



#44 AR-1268-4

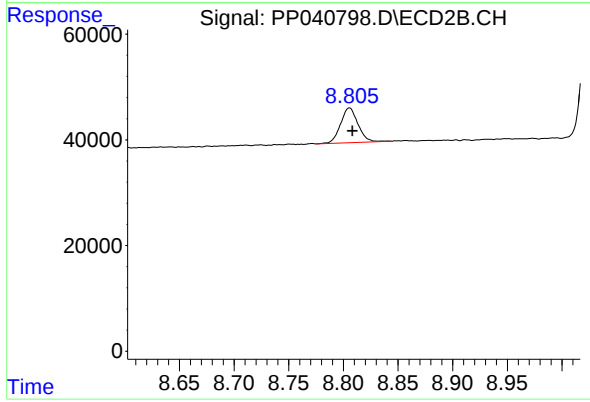
R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 257191
Conc: 335.09 ng/ml



#45 AR-1268-5

R.T.: 10.347 min
Delta R.T.: -0.003 min
Response: 100246
Conc: 13.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.806 min
Delta R.T.: -0.003 min
Response: 73035
Conc: 13.53 ng/ml