

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012622\
 Data File : PP043297.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Jan 2022 15:25
 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: Jan 27 00:43:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 25 03:09:04 2022
 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...	4.866	4.033	1069495	1109961	46.528	49.814
2)	SA Decachlor...	10.784	9.358	761258	940391	53.748	50.442
Target Compounds							
3)	L1 AR-1016-1	6.169	5.296	315432	446101	479.678	491.940
4)	L1 AR-1016-2	6.192	5.316	475949	636941	465.944	493.815
5)	L1 AR-1016-3	6.258	5.510	294527	355916	462.727	499.111
6)	L1 AR-1016-4	6.363	5.561	232033	284490	472.039	515.512
7)	L1 AR-1016-5	6.678	5.792	230624	352104	459.331	526.064
8)	L2 AR-1221-1	5.106	4.291	30511	44664	122.175	149.767
9)	L2 AR-1221-2	5.207	4.392	48653	67239	253.725	279.606
10)	L2 AR-1221-3	5.292	4.481	193735	244666	304.334	340.943
11)	L3 AR-1232-1	5.292	4.481	193735	244666	367.988	416.301
12)	L3 AR-1232-2	5.877	5.316	259504	636941	1034.695	1112.173
13)	L3 AR-1232-3	6.192	5.510	475949	355916	1110.423	1192.138
14)	L3 AR-1232-4	6.363	5.605	232033	337629	1147.177	1398.793
15)	L3 AR-1232-5	6.463	5.792	189682	352104	1368.697	1275.659
16)	L4 AR-1242-1	6.169	5.296	315432	446101	617.628	603.386
17)	L4 AR-1242-2	6.192	5.316	475949	636941	597.215	613.677
18)	L4 AR-1242-3	6.258	5.510	294527	355916	606.375	618.183
19)	L4 AR-1242-4	6.363	5.605	232033	337629	591.688	675.404
20)	L4 AR-1242-5	7.143	6.172	31915	263450	87.453	412.057 #
21)	L5 AR-1248-1	6.169	5.296	315432	446101	804.560	814.979
22)	L5 AR-1248-2	6.463	5.561	189682	284490	348.584	373.820
23)	L5 AR-1248-3	6.678	5.605	230624	337629	354.950	442.185
24)	L5 AR-1248-4	7.102	5.792	33824	352104	54.382	384.138 #
25)	L5 AR-1248-5	7.143	6.216	31915	45773	52.499	51.814
26)	L6 AR-1254-1	7.074	6.172	152793	263450	213.495	185.789
27)	L6 AR-1254-2	7.302	6.331	160376	235316	152.526	190.321
28)	L6 AR-1254-3	7.681	6.771	93152	445388	86.612	231.760 #
29)	L6 AR-1254-4	7.974	6.994	56884	61220	80.699	55.378 #
30)	L6 AR-1254-5	8.401	7.424	517719	727737	640.956	471.103 #
31)	L7 AR-1260-1	7.850	6.890	381788	593384	494.607	507.237
32)	L7 AR-1260-2	8.113	7.087	493336	687196	579.461	522.450
33)	L7 AR-1260-3	8.480	7.244	350174	618859	530.968	497.152
34)	L7 AR-1260-4	8.708	7.728	402751	520818	526.758	530.951
35)	L7 AR-1260-5	9.024	7.976	735508	1128414	556.995	509.934
36)	L8 AR-1262-1	8.480	7.424	350174	727737	352.507	869.016 #
37)	L8 AR-1262-2	9.024	7.728	735508	520818	478.524	375.799
38)	L8 AR-1262-3	9.342	8.263	480856	270029	434.059	254.690 #
39)	L8 AR-1262-4	9.416	8.327	159148	840196	304.823	446.421 #
40)	L8 AR-1262-5	10.057	8.827	229195	309483	409.032	349.192
41)	L9 AR-1268-1	9.342	8.263	480856	270029	251.857	93.341 #

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 ALS Vial : 3 Sample Multiplier: 1

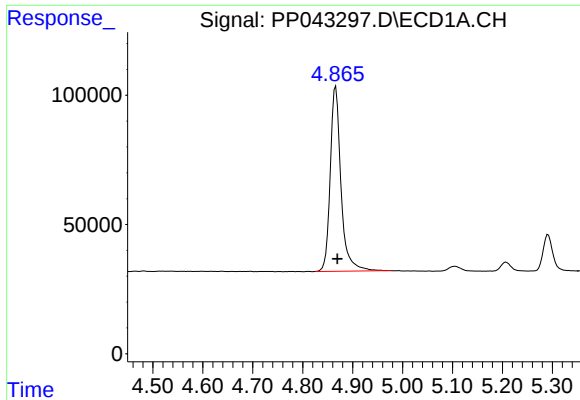
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 00:43:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012422.M
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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
42) L9	AR-1268-2	9.416	8.327	159148	840196	89.009	314.437 #
43) L9	AR-1268-3	9.639	8.535	14668	14603	9.071	6.360 #
44) L9	AR-1268-4	10.057	8.827	229195	309483	380.197	327.751
45) L9	AR-1268-5	10.459	9.112	72774	86306	14.375	12.742

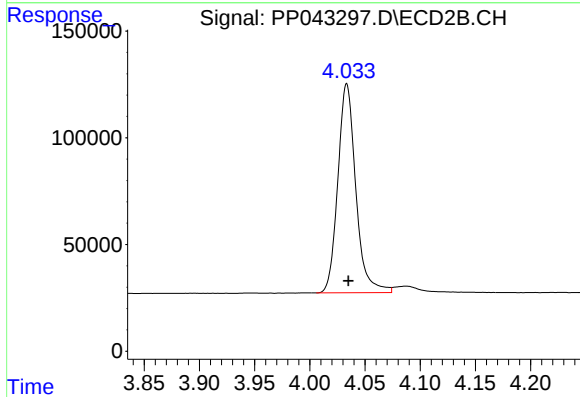
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

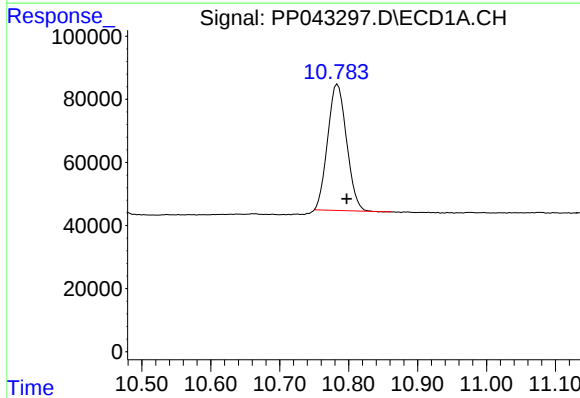
R.T.: 4.866 min
Delta R.T.: -0.004 min
Response: 1069495
Conc: 46.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



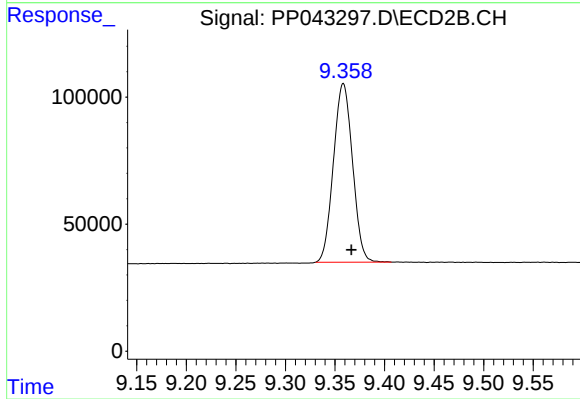
#1 Tetrachloro-m-xylene

R.T.: 4.033 min
Delta R.T.: -0.001 min
Response: 1109961
Conc: 49.81 ng/ml



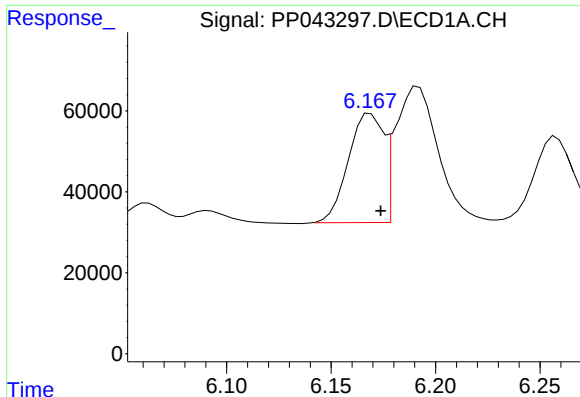
#2 Decachlorobiphenyl

R.T.: 10.784 min
Delta R.T.: -0.013 min
Response: 761258
Conc: 53.75 ng/ml



#2 Decachlorobiphenyl

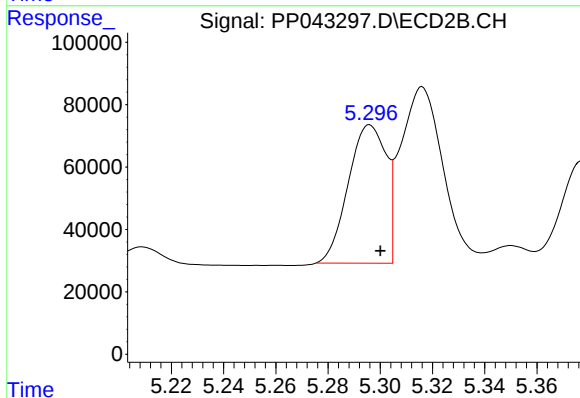
R.T.: 9.358 min
Delta R.T.: -0.008 min
Response: 940391
Conc: 50.44 ng/ml



#3 AR-1016-1

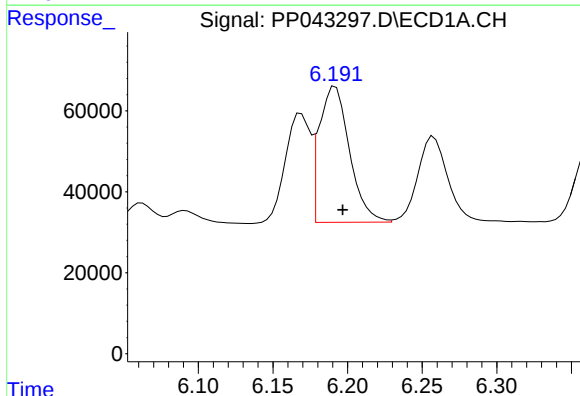
R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 315432
Conc: 479.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



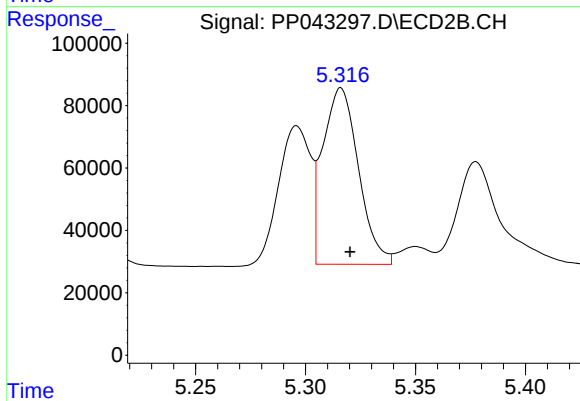
#3 AR-1016-1

R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 446101
Conc: 491.94 ng/ml



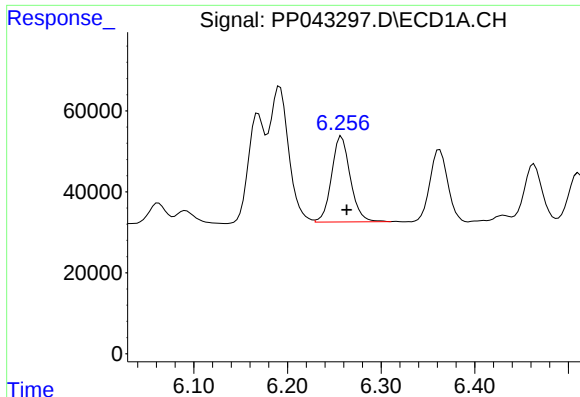
#4 AR-1016-2

R.T.: 6.192 min
Delta R.T.: -0.005 min
Response: 475949
Conc: 465.94 ng/ml



#4 AR-1016-2

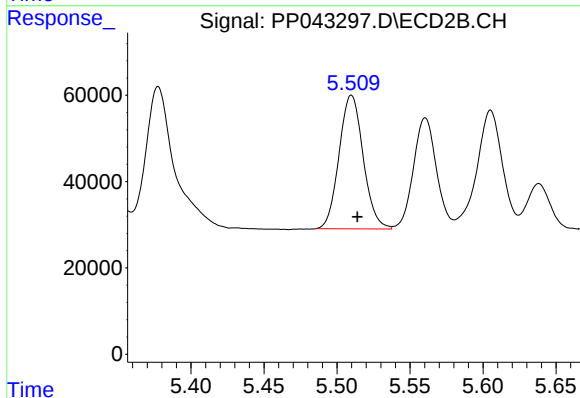
R.T.: 5.316 min
Delta R.T.: -0.004 min
Response: 636941
Conc: 493.81 ng/ml



#5 AR-1016-3

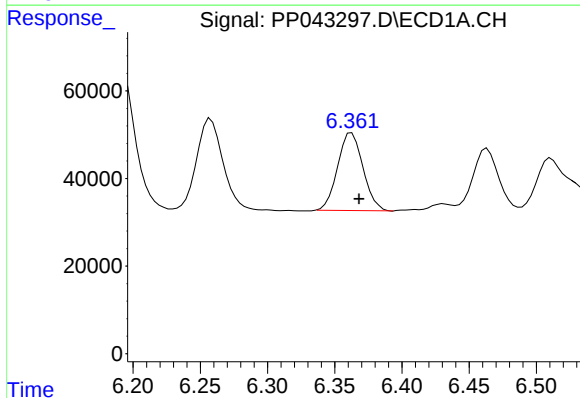
R.T.: 6.258 min
Delta R.T.: -0.006 min
Response: 294527
Conc: 462.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



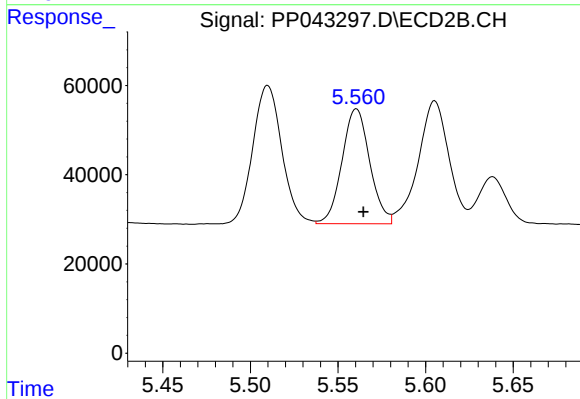
#5 AR-1016-3

R.T.: 5.510 min
Delta R.T.: -0.004 min
Response: 355916
Conc: 499.11 ng/ml



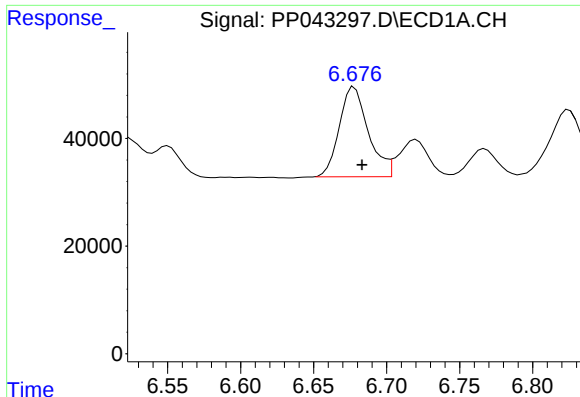
#6 AR-1016-4

R.T.: 6.363 min
Delta R.T.: -0.006 min
Response: 232033
Conc: 472.04 ng/ml



#6 AR-1016-4

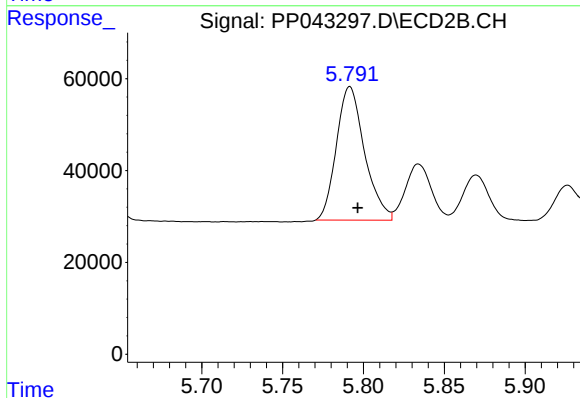
R.T.: 5.561 min
Delta R.T.: -0.004 min
Response: 284490
Conc: 515.51 ng/ml



#7 AR-1016-5

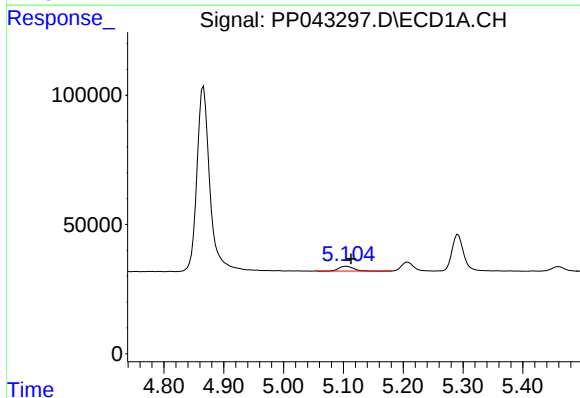
R.T.: 6.678 min
Delta R.T.: -0.005 min
Response: 230624
Conc: 459.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



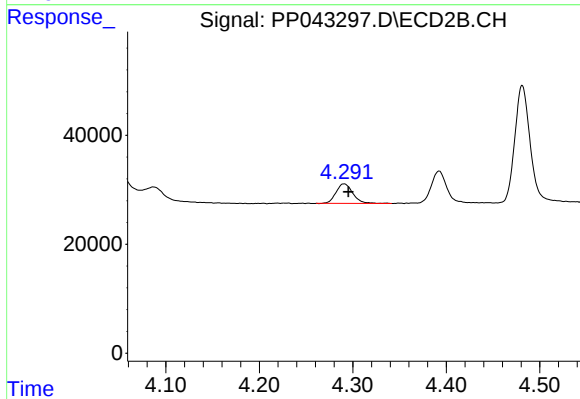
#7 AR-1016-5

R.T.: 5.792 min
Delta R.T.: -0.005 min
Response: 352104
Conc: 526.06 ng/ml



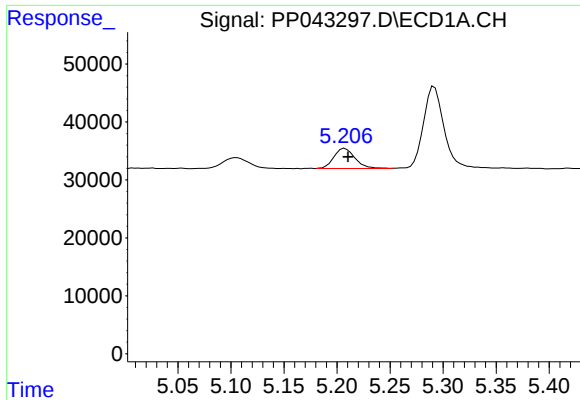
#8 AR-1221-1

R.T.: 5.106 min
Delta R.T.: -0.007 min
Response: 30511
Conc: 122.17 ng/ml



#8 AR-1221-1

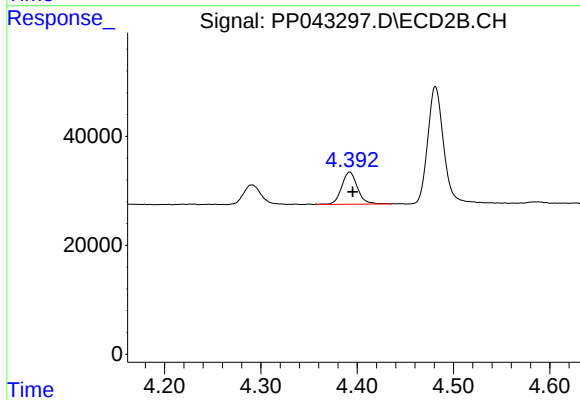
R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 44664
Conc: 149.77 ng/ml



#9 AR-1221-2

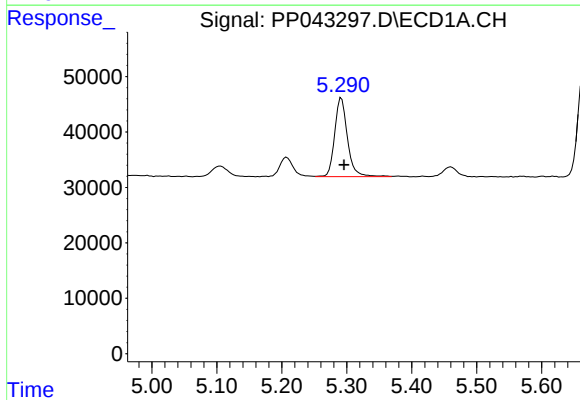
R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 48653
Conc: 253.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



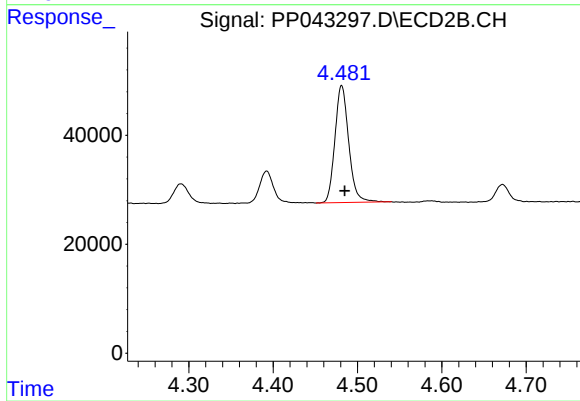
#9 AR-1221-2

R.T.: 4.392 min
Delta R.T.: -0.003 min
Response: 67239
Conc: 279.61 ng/ml



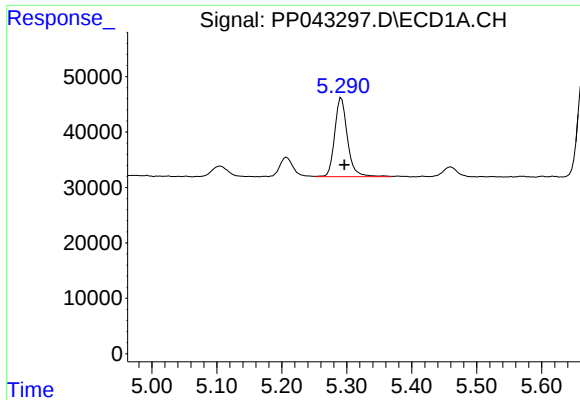
#10 AR-1221-3

R.T.: 5.292 min
Delta R.T.: -0.004 min
Response: 193735
Conc: 304.33 ng/ml



#10 AR-1221-3

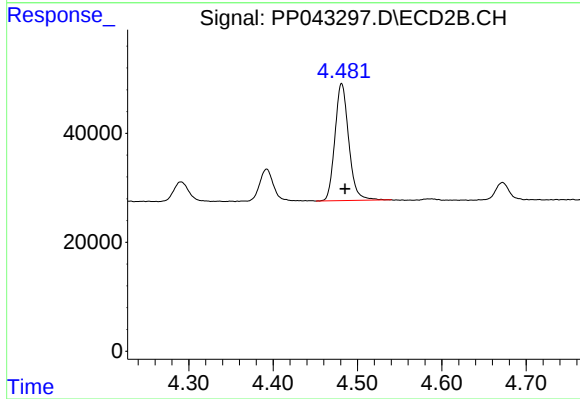
R.T.: 4.481 min
Delta R.T.: -0.003 min
Response: 244666
Conc: 340.94 ng/ml



#11 AR-1232-1

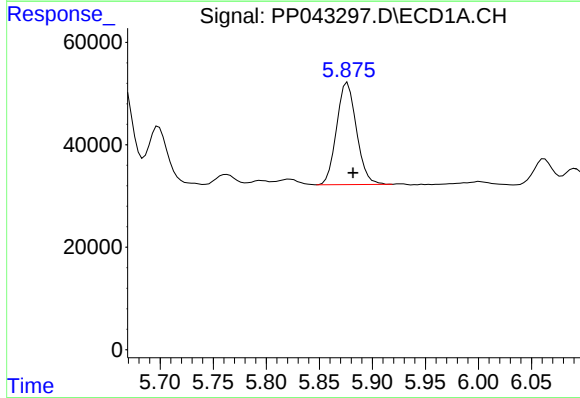
R.T.: 5.292 min
Delta R.T.: -0.004 min
Response: 193735
Conc: 367.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



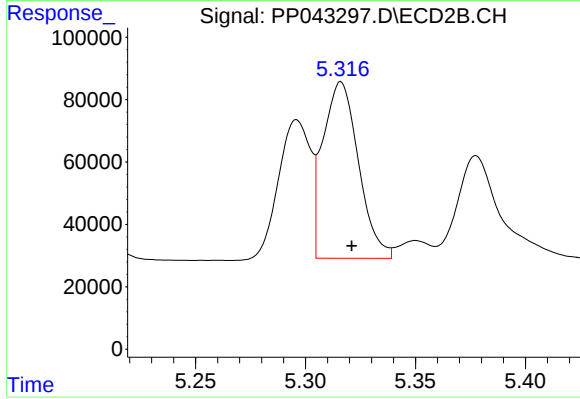
#11 AR-1232-1

R.T.: 4.481 min
Delta R.T.: -0.004 min
Response: 244666
Conc: 416.30 ng/ml



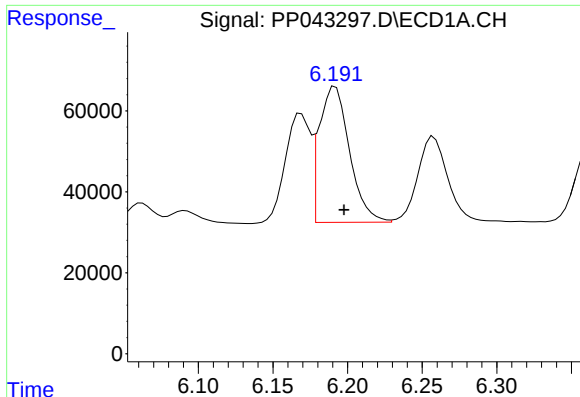
#12 AR-1232-2

R.T.: 5.877 min
Delta R.T.: -0.005 min
Response: 259504
Conc: 1034.69 ng/ml



#12 AR-1232-2

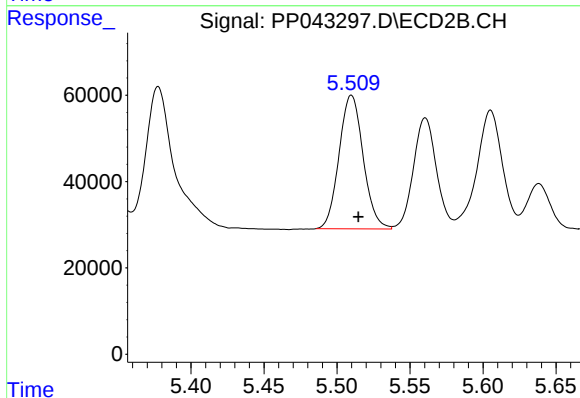
R.T.: 5.316 min
Delta R.T.: -0.005 min
Response: 636941
Conc: 1112.17 ng/ml



#13 AR-1232-3

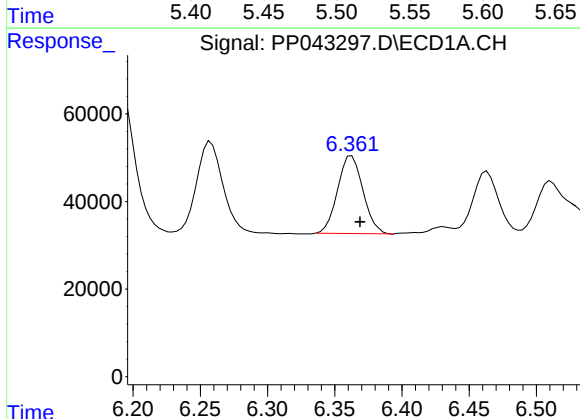
R.T.: 6.192 min
Delta R.T.: -0.006 min
Response: 475949
Conc: 1110.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



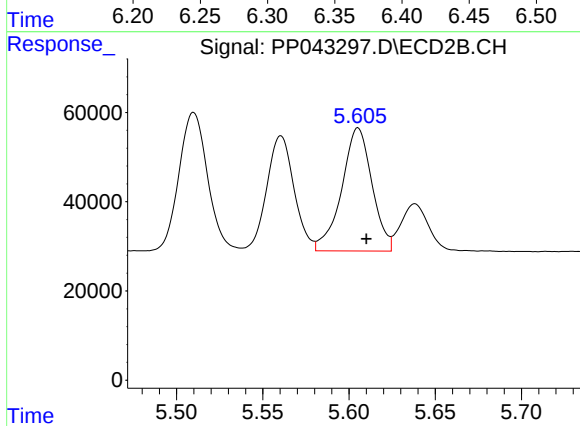
#13 AR-1232-3

R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 355916
Conc: 1192.14 ng/ml



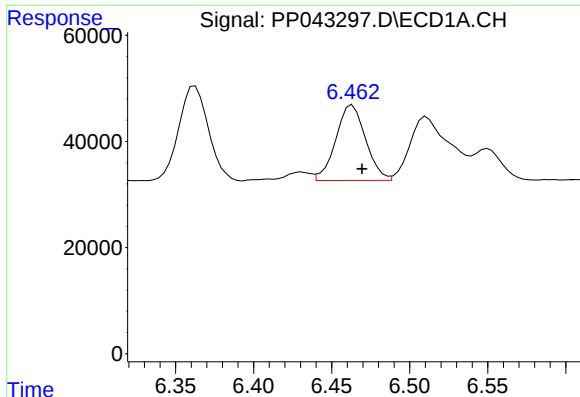
#14 AR-1232-4

R.T.: 6.363 min
Delta R.T.: -0.006 min
Response: 232033
Conc: 1147.18 ng/ml



#14 AR-1232-4

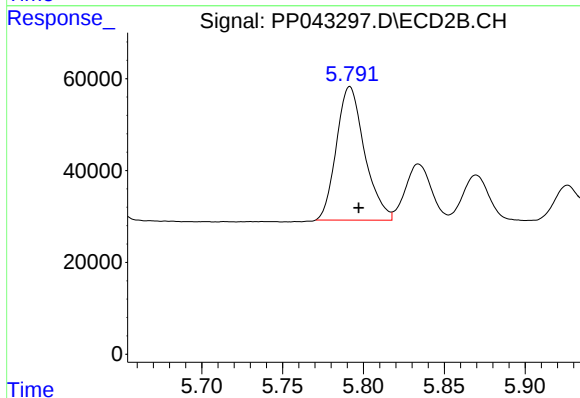
R.T.: 5.605 min
Delta R.T.: -0.005 min
Response: 337629
Conc: 1398.79 ng/ml



#15 AR-1232-5

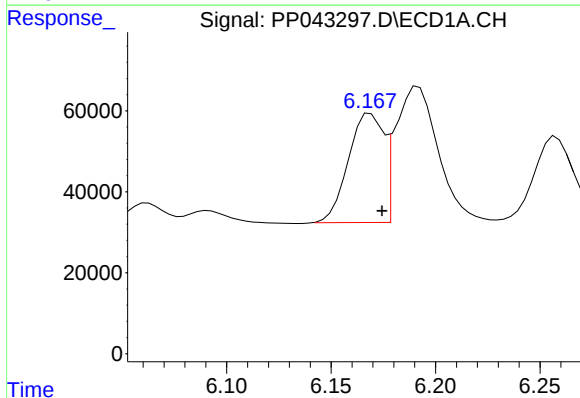
R.T.: 6.463 min
Delta R.T.: -0.006 min
Response: 189682
Conc: 1368.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



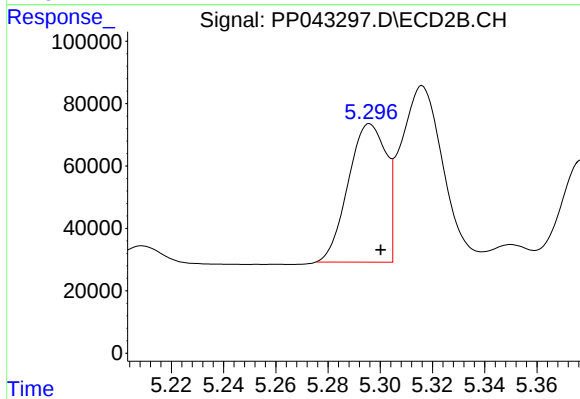
#15 AR-1232-5

R.T.: 5.792 min
Delta R.T.: -0.005 min
Response: 352104
Conc: 1275.66 ng/ml



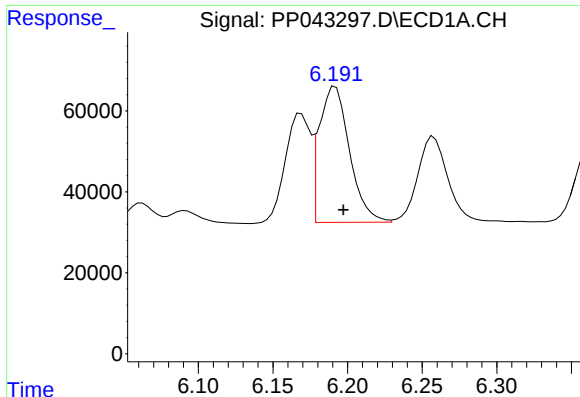
#16 AR-1242-1

R.T.: 6.169 min
Delta R.T.: -0.006 min
Response: 315432
Conc: 617.63 ng/ml



#16 AR-1242-1

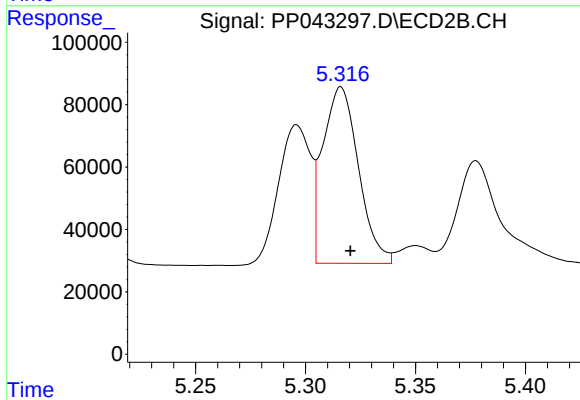
R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 446101
Conc: 603.39 ng/ml



#17 AR-1242-2

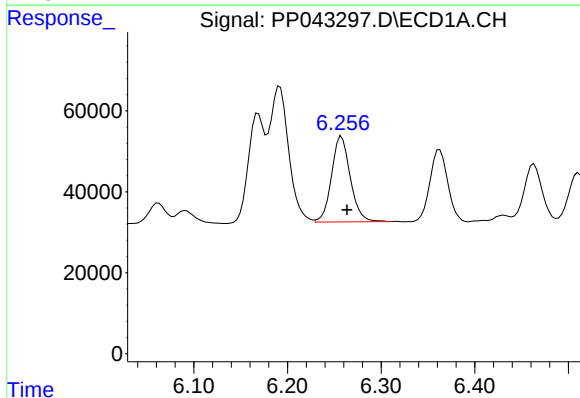
R.T.: 6.192 min
Delta R.T.: -0.005 min
Response: 475949
Conc: 597.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



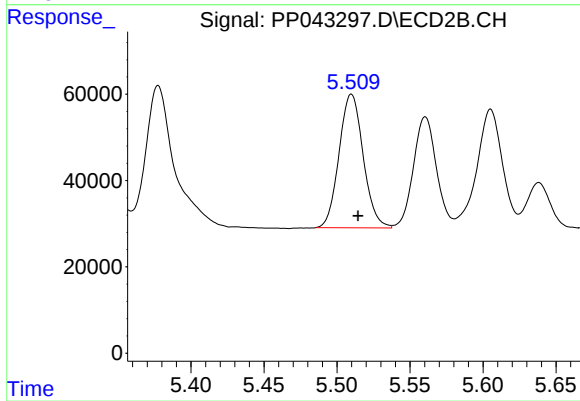
#17 AR-1242-2

R.T.: 5.316 min
Delta R.T.: -0.004 min
Response: 636941
Conc: 613.68 ng/ml



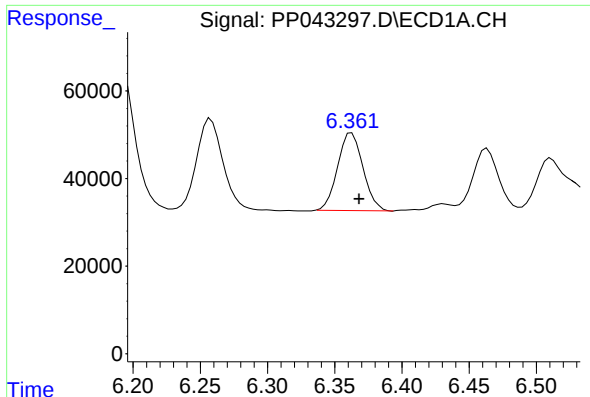
#18 AR-1242-3

R.T.: 6.258 min
Delta R.T.: -0.006 min
Response: 294527
Conc: 606.38 ng/ml



#18 AR-1242-3

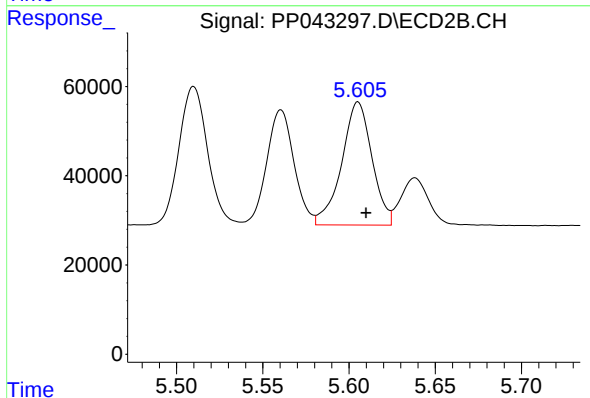
R.T.: 5.510 min
Delta R.T.: -0.004 min
Response: 355916
Conc: 618.18 ng/ml



#19 AR-1242-4

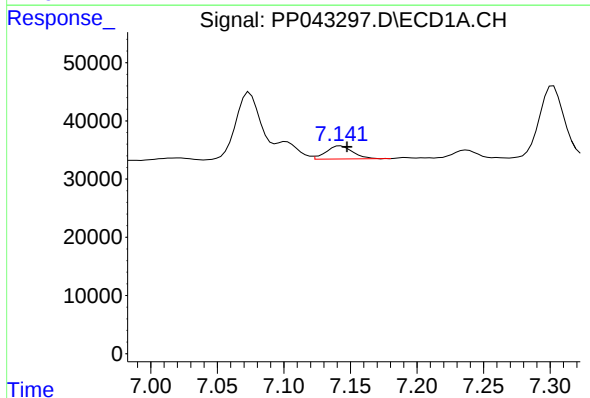
R.T.: 6.363 min
Delta R.T.: -0.006 min
Response: 232033
Conc: 591.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



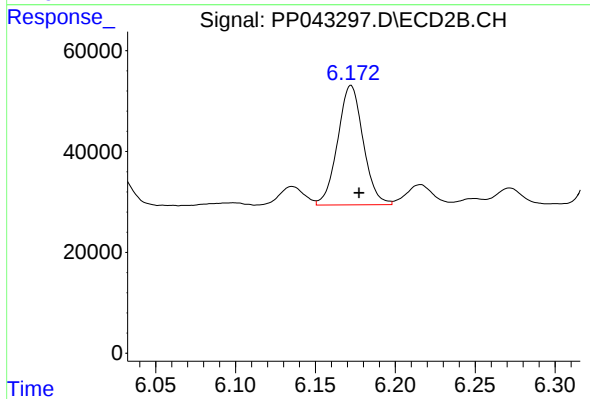
#19 AR-1242-4

R.T.: 5.605 min
Delta R.T.: -0.005 min
Response: 337629
Conc: 675.40 ng/ml



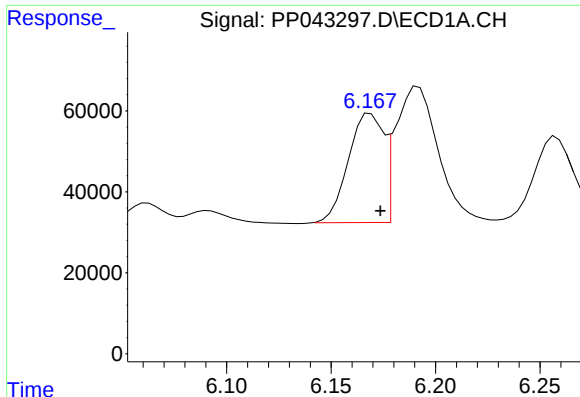
#20 AR-1242-5

R.T.: 7.143 min
Delta R.T.: -0.005 min
Response: 31915
Conc: 87.45 ng/ml



#20 AR-1242-5

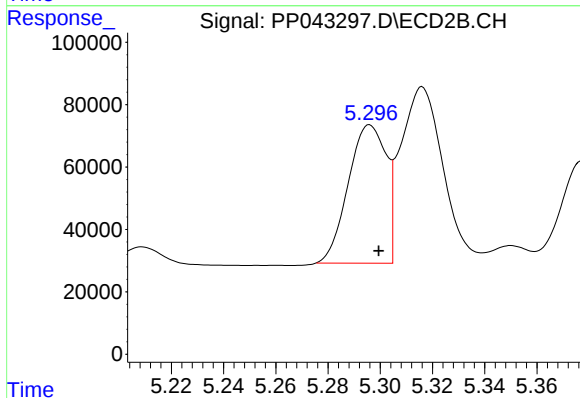
R.T.: 6.172 min
Delta R.T.: -0.005 min
Response: 263450
Conc: 412.06 ng/ml



#21 AR-1248-1

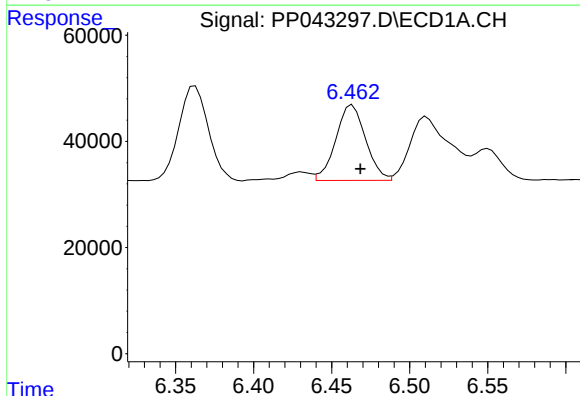
R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 315432
Conc: 804.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



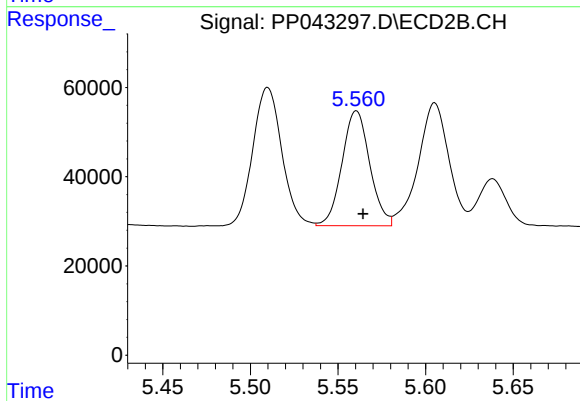
#21 AR-1248-1

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 446101
Conc: 814.98 ng/ml



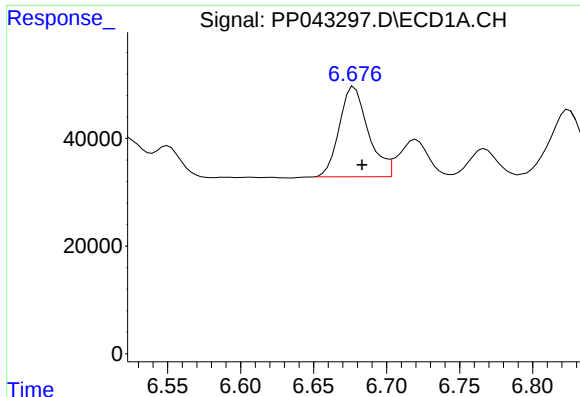
#22 AR-1248-2

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 189682
Conc: 348.58 ng/ml



#22 AR-1248-2

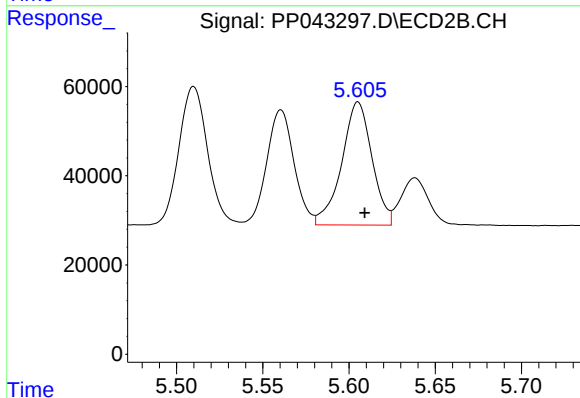
R.T.: 5.561 min
Delta R.T.: -0.004 min
Response: 284490
Conc: 373.82 ng/ml



#23 AR-1248-3

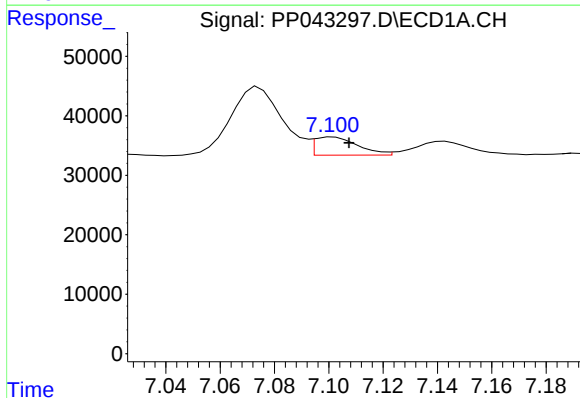
R.T.: 6.678 min
Delta R.T.: -0.005 min
Response: 230624
Conc: 354.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



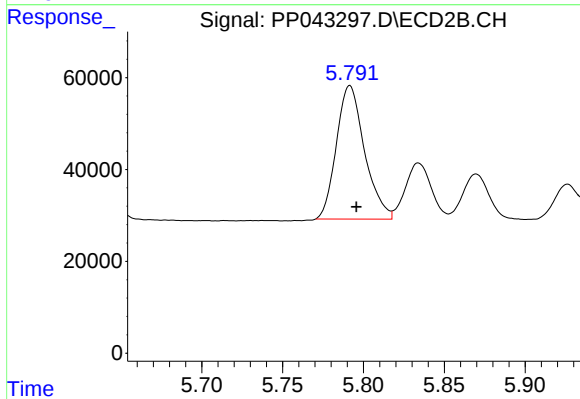
#23 AR-1248-3

R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 337629
Conc: 442.18 ng/ml



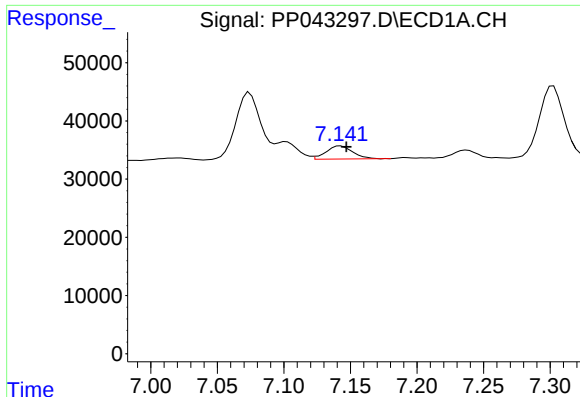
#24 AR-1248-4

R.T.: 7.102 min
Delta R.T.: -0.006 min
Response: 33824
Conc: 54.38 ng/ml



#24 AR-1248-4

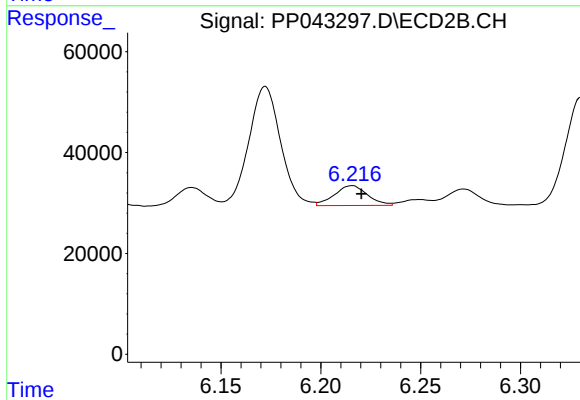
R.T.: 5.792 min
Delta R.T.: -0.004 min
Response: 352104
Conc: 384.14 ng/ml



#25 AR-1248-5

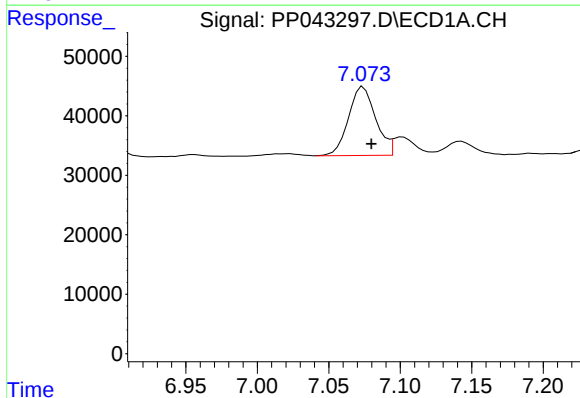
R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 31915
Conc: 52.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



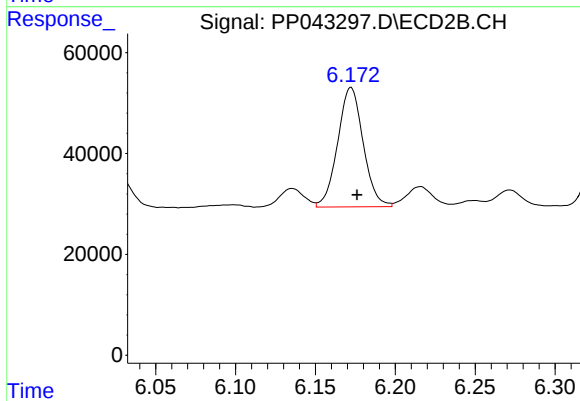
#25 AR-1248-5

R.T.: 6.216 min
Delta R.T.: -0.005 min
Response: 45773
Conc: 51.81 ng/ml



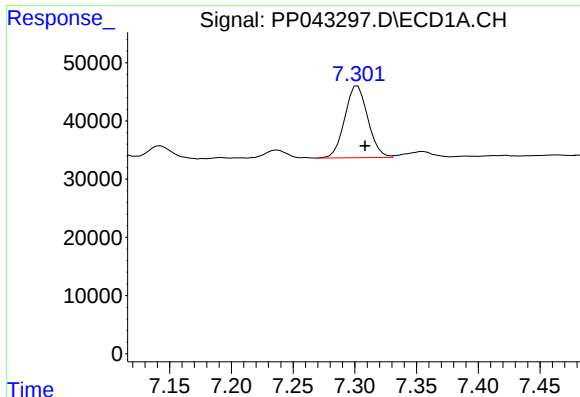
#26 AR-1254-1

R.T.: 7.074 min
Delta R.T.: -0.006 min
Response: 152793
Conc: 213.49 ng/ml



#26 AR-1254-1

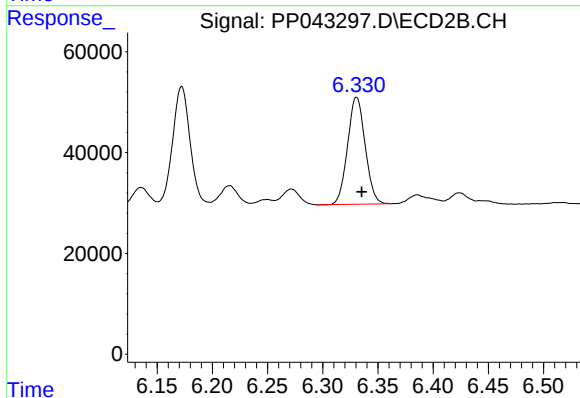
R.T.: 6.172 min
Delta R.T.: -0.004 min
Response: 263450
Conc: 185.79 ng/ml



#27 AR-1254-2

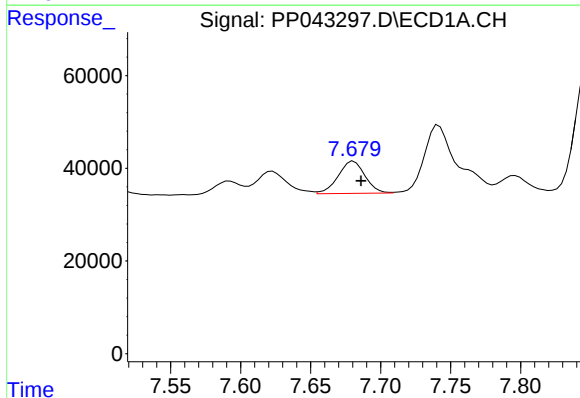
R.T.: 7.302 min
Delta R.T.: -0.006 min
Response: 160376
Conc: 152.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



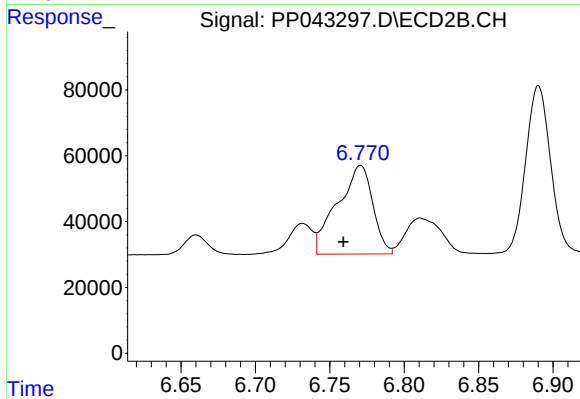
#27 AR-1254-2

R.T.: 6.331 min
Delta R.T.: -0.005 min
Response: 235316
Conc: 190.32 ng/ml



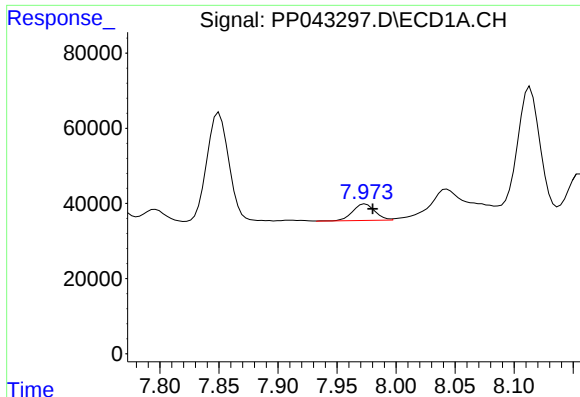
#28 AR-1254-3

R.T.: 7.681 min
Delta R.T.: -0.005 min
Response: 93152
Conc: 86.61 ng/ml



#28 AR-1254-3

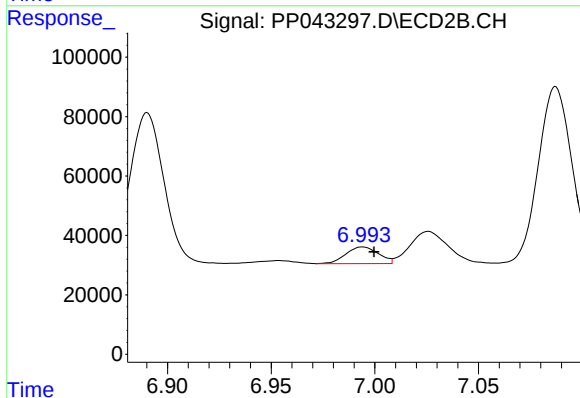
R.T.: 6.771 min
Delta R.T.: 0.011 min
Response: 445388
Conc: 231.76 ng/ml



#29 AR-1254-4

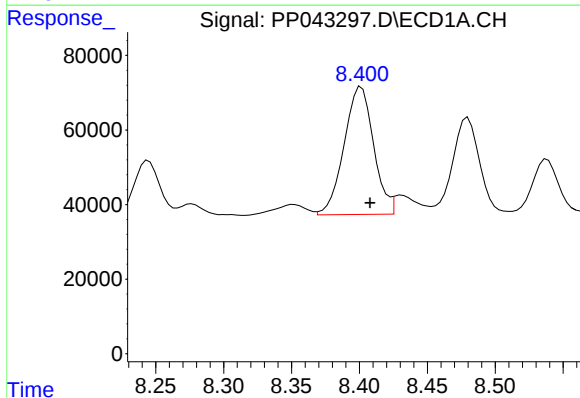
R.T.: 7.974 min
Delta R.T.: -0.006 min
Response: 56884
Conc: 80.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



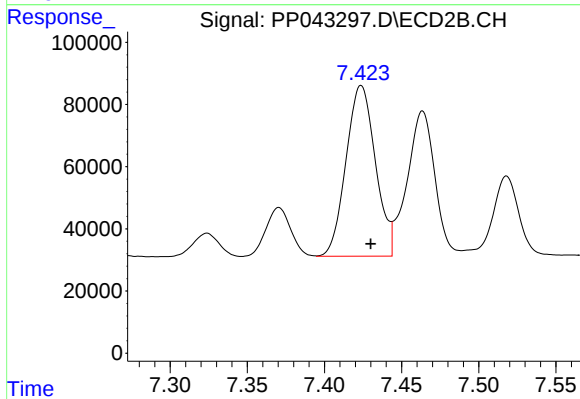
#29 AR-1254-4

R.T.: 6.994 min
Delta R.T.: -0.006 min
Response: 61220
Conc: 55.38 ng/ml



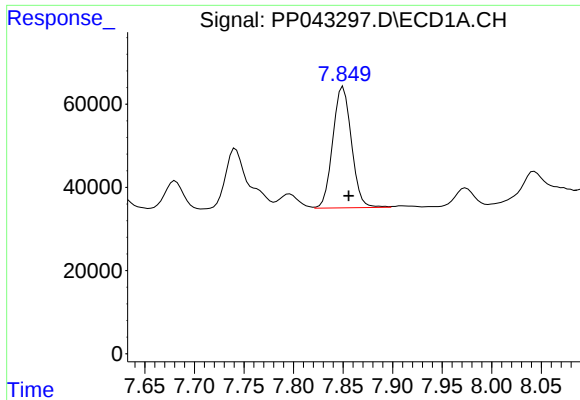
#30 AR-1254-5

R.T.: 8.401 min
Delta R.T.: -0.007 min
Response: 517719
Conc: 640.96 ng/ml



#30 AR-1254-5

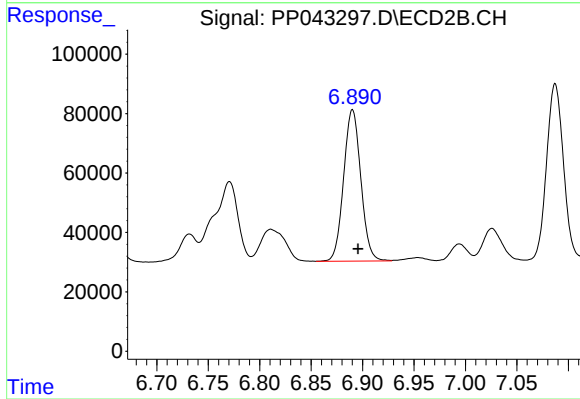
R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 727737
Conc: 471.10 ng/ml



#31 AR-1260-1

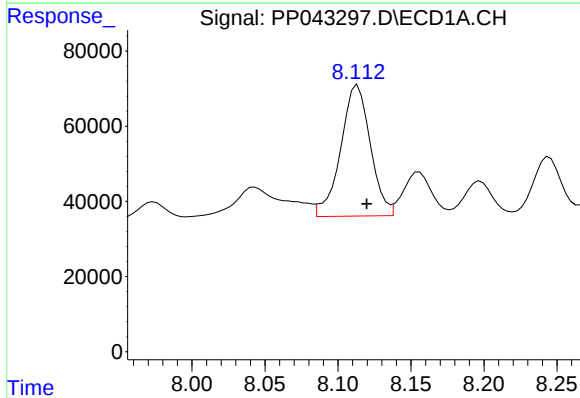
R.T.: 7.850 min
Delta R.T.: -0.005 min
Response: 381788
Conc: 494.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



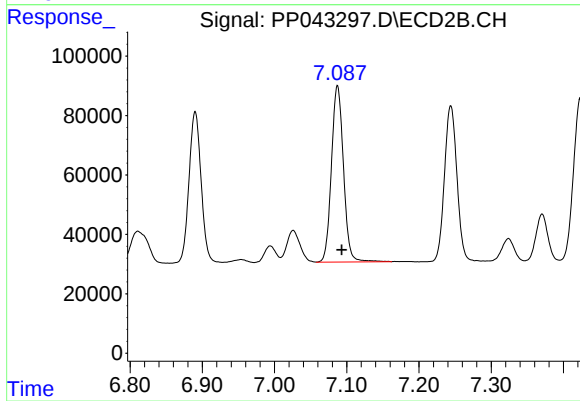
#31 AR-1260-1

R.T.: 6.890 min
Delta R.T.: -0.005 min
Response: 593384
Conc: 507.24 ng/ml



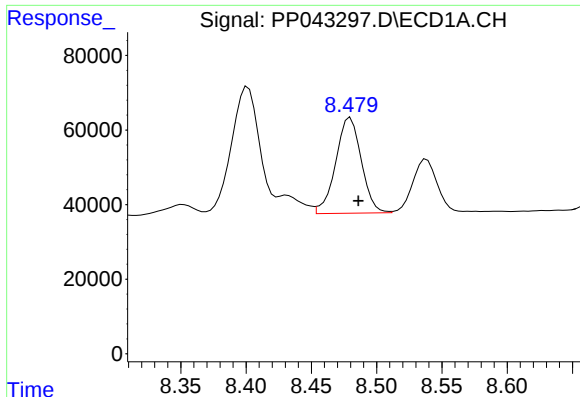
#32 AR-1260-2

R.T.: 8.113 min
Delta R.T.: -0.006 min
Response: 493336
Conc: 579.46 ng/ml



#32 AR-1260-2

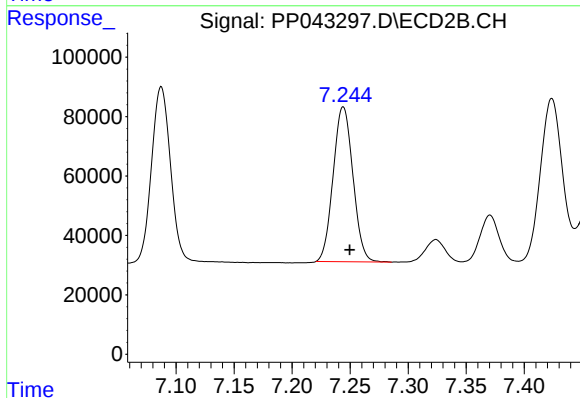
R.T.: 7.087 min
Delta R.T.: -0.006 min
Response: 687196
Conc: 522.45 ng/ml



#33 AR-1260-3

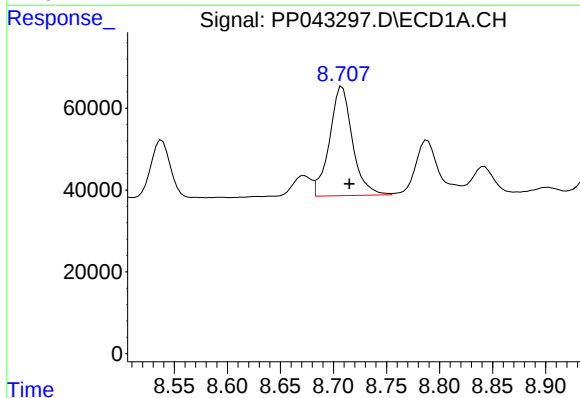
R.T.: 8.480 min
Delta R.T.: -0.006 min
Response: 350174
Conc: 530.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



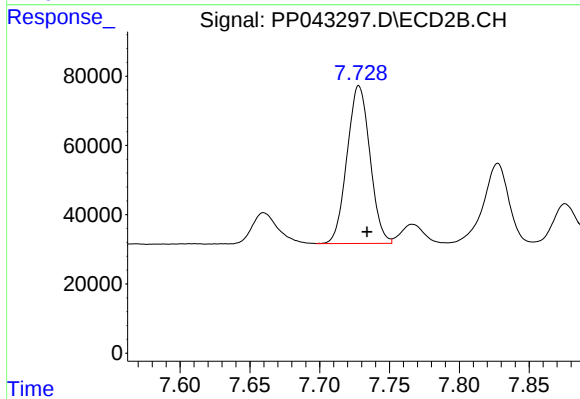
#33 AR-1260-3

R.T.: 7.244 min
Delta R.T.: -0.006 min
Response: 618859
Conc: 497.15 ng/ml



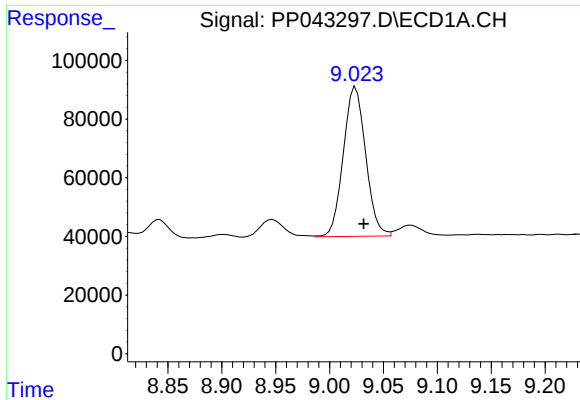
#34 AR-1260-4

R.T.: 8.708 min
Delta R.T.: -0.007 min
Response: 402751
Conc: 526.76 ng/ml



#34 AR-1260-4

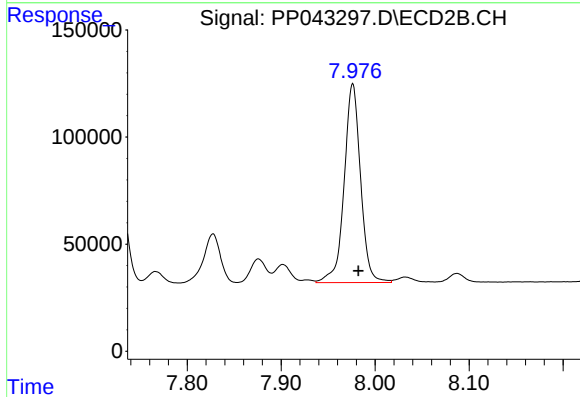
R.T.: 7.728 min
Delta R.T.: -0.006 min
Response: 520818
Conc: 530.95 ng/ml



#35 AR-1260-5

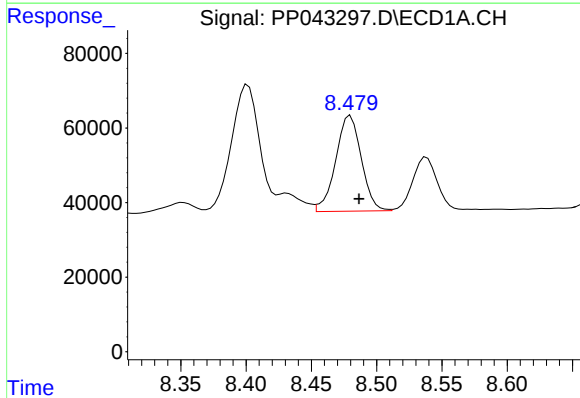
R.T.: 9.024 min
Delta R.T.: -0.008 min
Response: 735508
Conc: 557.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



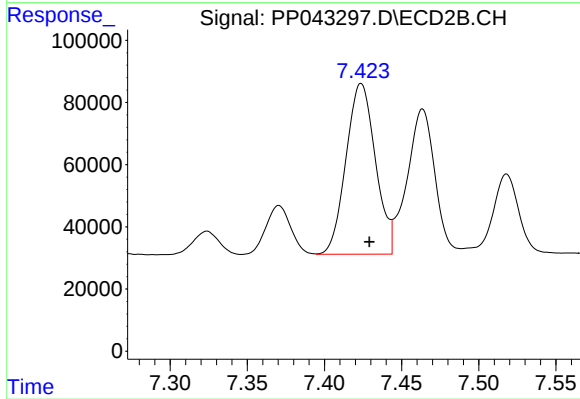
#35 AR-1260-5

R.T.: 7.976 min
Delta R.T.: -0.006 min
Response: 1128414
Conc: 509.93 ng/ml



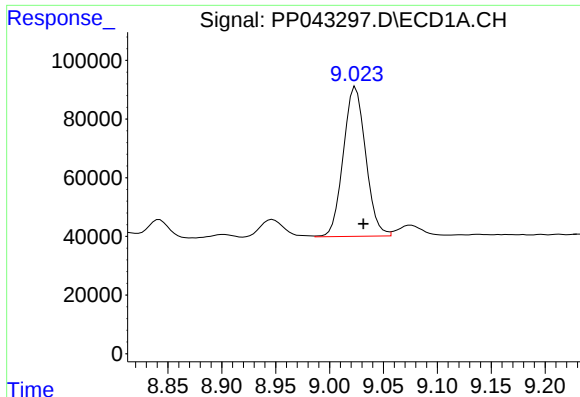
#36 AR-1262-1

R.T.: 8.480 min
Delta R.T.: -0.007 min
Response: 350174
Conc: 352.51 ng/ml



#36 AR-1262-1

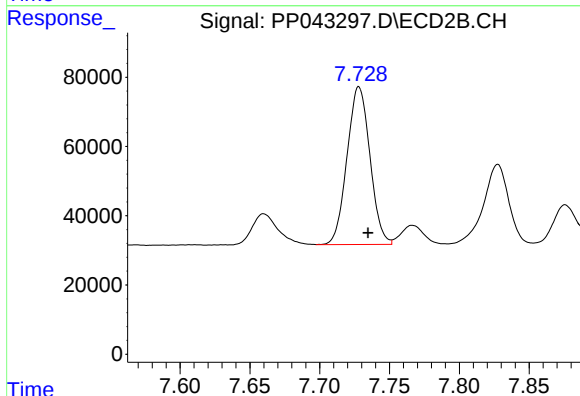
R.T.: 7.424 min
Delta R.T.: -0.005 min
Response: 727737
Conc: 869.02 ng/ml



#37 AR-1262-2

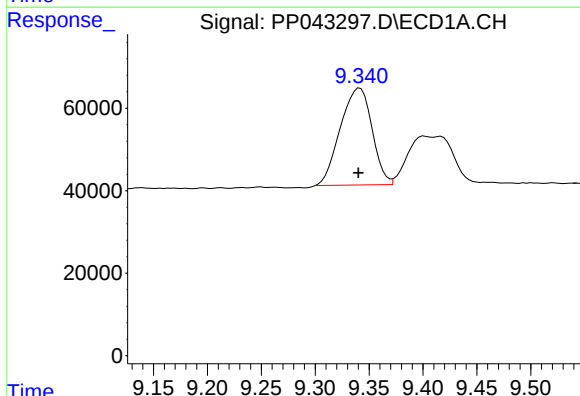
R.T.: 9.024 min
Delta R.T.: -0.007 min
Response: 735508
Conc: 478.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



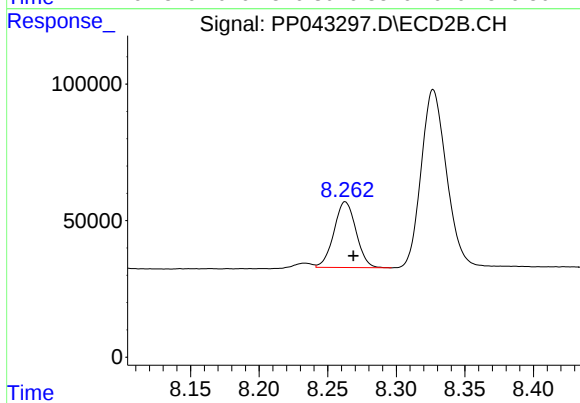
#37 AR-1262-2

R.T.: 7.728 min
Delta R.T.: -0.006 min
Response: 520818
Conc: 375.80 ng/ml



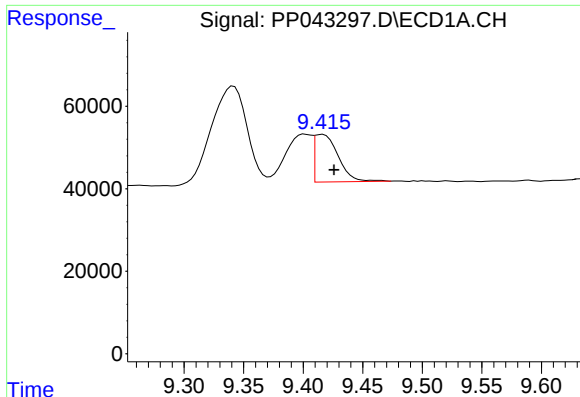
#38 AR-1262-3

R.T.: 9.342 min
Delta R.T.: 0.001 min
Response: 480856
Conc: 434.06 ng/ml



#38 AR-1262-3

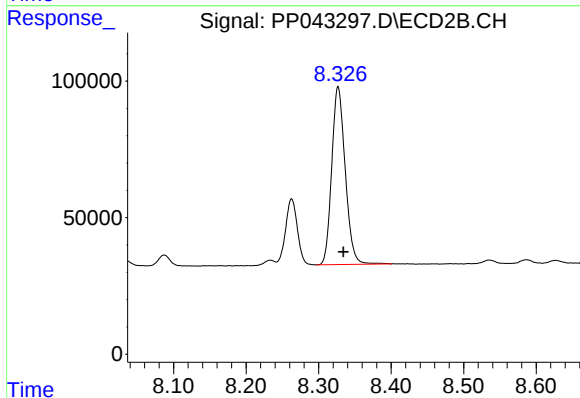
R.T.: 8.263 min
Delta R.T.: -0.006 min
Response: 270029
Conc: 254.69 ng/ml



#39 AR-1262-4

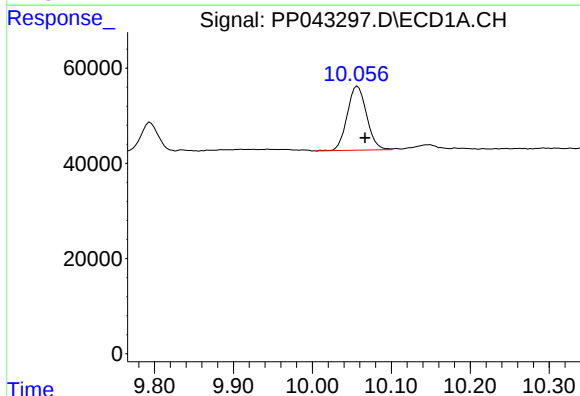
R.T.: 9.416 min
Delta R.T.: -0.009 min
Response: 159148
Conc: 304.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



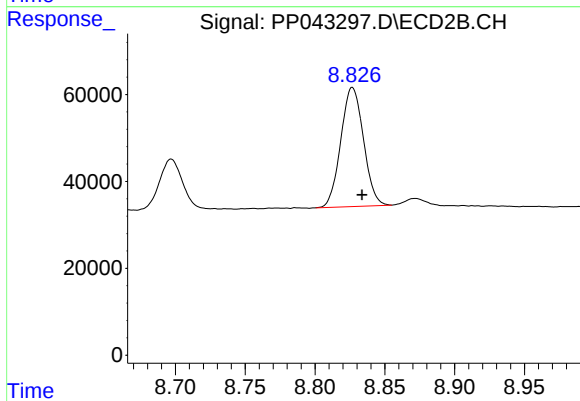
#39 AR-1262-4

R.T.: 8.327 min
Delta R.T.: -0.007 min
Response: 840196
Conc: 446.42 ng/ml



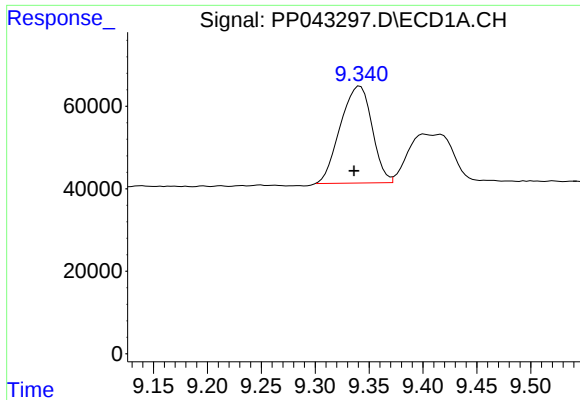
#40 AR-1262-5

R.T.: 10.057 min
Delta R.T.: -0.010 min
Response: 229195
Conc: 409.03 ng/ml



#40 AR-1262-5

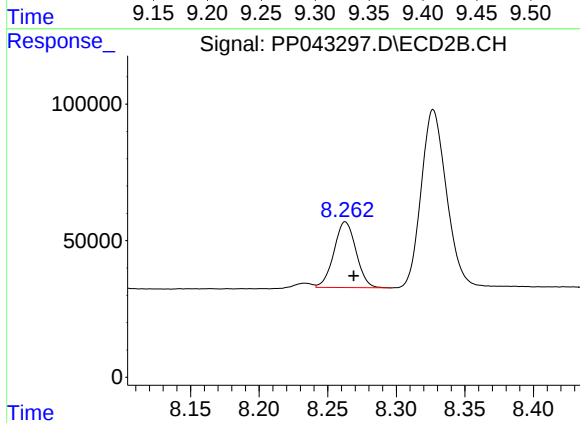
R.T.: 8.827 min
Delta R.T.: -0.007 min
Response: 309483
Conc: 349.19 ng/ml



#41 AR-1268-1

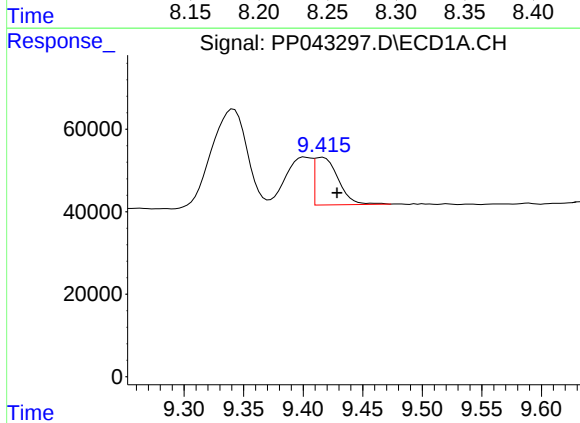
R.T.: 9.342 min
Delta R.T.: 0.006 min
Response: 480856
Conc: 251.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



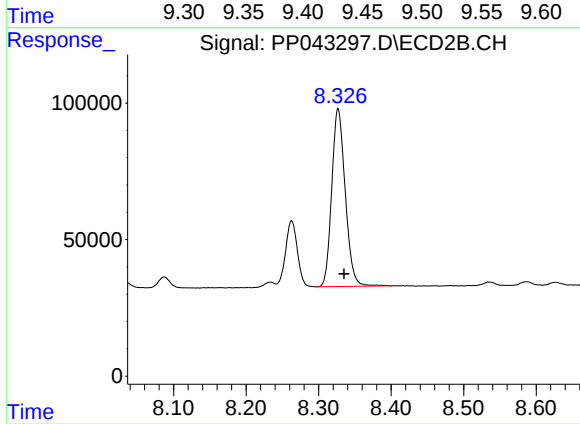
#41 AR-1268-1

R.T.: 8.263 min
Delta R.T.: -0.006 min
Response: 270029
Conc: 93.34 ng/ml



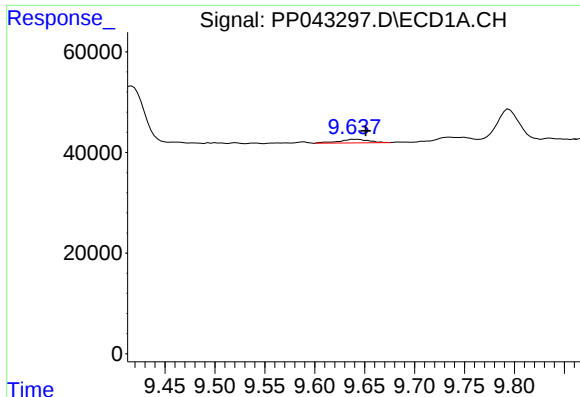
#42 AR-1268-2

R.T.: 9.416 min
Delta R.T.: -0.012 min
Response: 159148
Conc: 89.01 ng/ml



#42 AR-1268-2

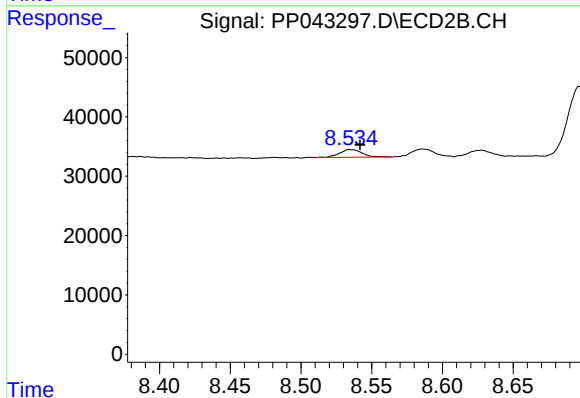
R.T.: 8.327 min
Delta R.T.: -0.008 min
Response: 840196
Conc: 314.44 ng/ml



#43 AR-1268-3

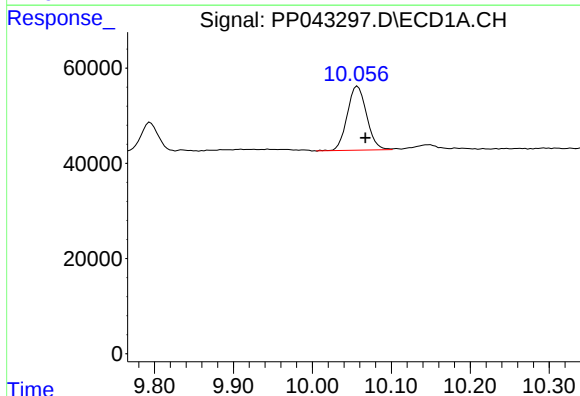
R.T.: 9.639 min
Delta R.T.: -0.012 min
Response: 14668
Conc: 9.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



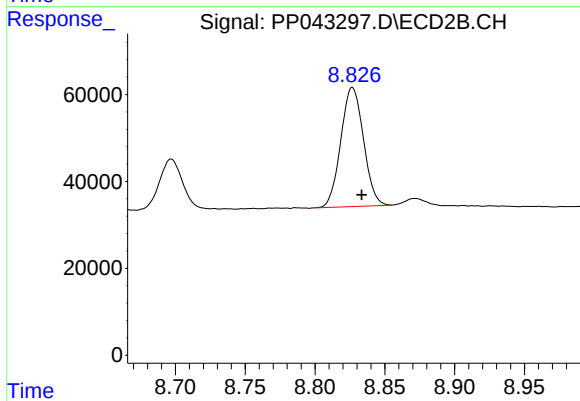
#43 AR-1268-3

R.T.: 8.535 min
Delta R.T.: -0.007 min
Response: 14603
Conc: 6.36 ng/ml



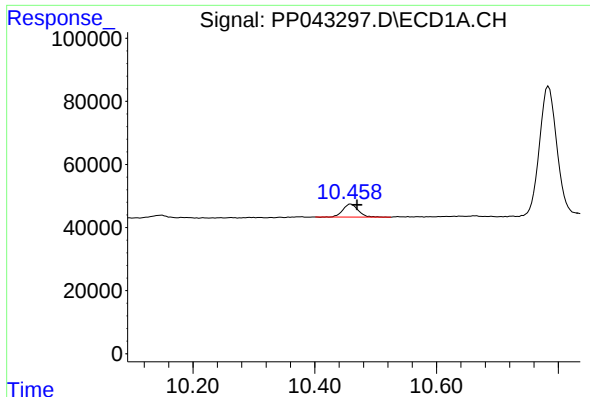
#44 AR-1268-4

R.T.: 10.057 min
Delta R.T.: -0.010 min
Response: 229195
Conc: 380.20 ng/ml



#44 AR-1268-4

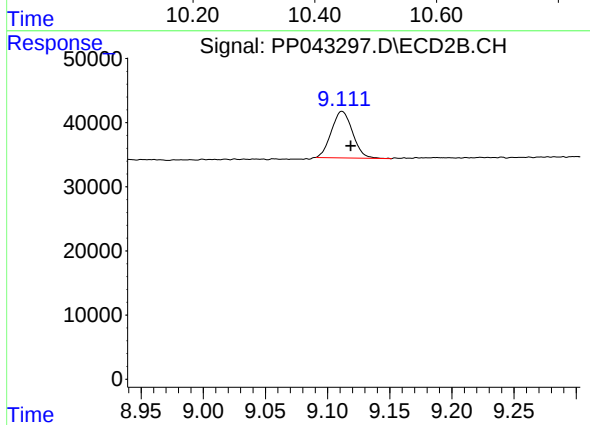
R.T.: 8.827 min
Delta R.T.: -0.007 min
Response: 309483
Conc: 327.75 ng/ml



#45 AR-1268-5

R.T.: 10.459 min
Delta R.T.: -0.010 min
Response: 72774
Conc: 14.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.112 min
Delta R.T.: -0.007 min
Response: 86306
Conc: 12.74 ng/ml