

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059764.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 20:32
 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:28:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 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...	4.124	3.498	2015090	1820613	57.553	50.579
2)	SA Decachlor...	9.596	8.359	2151106	1766059	40.434	43.800
Target Compounds							
3)	L1 AR-1016-1	5.275	4.549	619476	635692	386.237	470.207
4)	L1 AR-1016-2	5.295	4.566	1067493	951693	446.184	475.132
5)	L1 AR-1016-3	5.356	4.737	737241	502783	494.951	464.740
6)	L1 AR-1016-4	5.454	4.778	613272	437953	506.941	485.002
7)	L1 AR-1016-5	5.741	4.986	660065	472399	514.014	410.094
8)	L2 AR-1221-1	4.333	3.703	73308	55997	173.113	139.508
9)	L2 AR-1221-2	4.422	3.788	107902	87069	332.216	285.825
10)	L2 AR-1221-3	4.497	3.861	408782	324941	388.626	332.098
11)	L3 AR-1232-1	4.497	3.861	408782	324941	327.961	285.004
12)	L3 AR-1232-2	5.054	4.595	4571	89535	6.471	70.302 #
13)	L3 AR-1232-3	5.295	4.737	1067493	502783	697.085	738.398
14)	L3 AR-1232-4	5.454	4.848	613272	212077	784.355	347.635 #
15)	L3 AR-1232-5	5.583	4.986	595715	472399	990.994	693.953 #
16)	L4 AR-1242-1	5.295	4.566	1067493	951693	840.865	925.177
17)	L4 AR-1242-2	5.295	4.595	1067493	89535	575.265	58.785 #
18)	L4 AR-1242-3	5.356	4.737	737241	502783	630.746	601.773
19)	L4 AR-1242-4	5.454	4.848	613272	212077	633.626	254.172 #
20)	L4 AR-1242-5	6.178	5.329	103762	435467	82.574	389.296 #
21)	L5 AR-1248-1	5.275	4.549	619476	635692	617.899	767.721
22)	L5 AR-1248-2	5.540	4.778	564103	437953	388.794	379.796
23)	L5 AR-1248-3	5.741	4.818	660065	521351	397.140	438.940
24)	L5 AR-1248-4	6.141	4.986	129477	472399	63.342	325.101 #
25)	L5 AR-1248-5	6.178	5.370	103762	88679	52.324	61.958
26)	L6 AR-1254-1	6.112	5.329	501321	435467	240.279	183.602
27)	L6 AR-1254-2	6.326	5.474	530860	404441	159.119	192.747
28)	L6 AR-1254-3	6.692	5.880	292230	757420	82.354	225.254 #
29)	L6 AR-1254-4	6.974	6.096	224761	102772	76.306	49.845 #
30)	L6 AR-1254-5	7.390	6.504	1682982	1224747	544.232	394.447 #
31)	L7 AR-1260-1	6.851	5.995	1174887	1024212	435.818	449.432
32)	L7 AR-1260-2	7.106	6.182	1516111	1279212	408.602	436.610
33)	L7 AR-1260-3	7.461	6.331	1312900	1125702	400.722	424.932
34)	L7 AR-1260-4	7.687	6.793	1287994	937023	419.362	414.139
35)	L7 AR-1260-5	7.996	7.037	2687126	2232545	379.489	405.673
36)	L8 AR-1262-1	7.461	6.539	1312900	1157283	270.539	310.467
37)	L8 AR-1262-2	8.038	7.037	292618	2232545	37.924	379.746 #
38)	L8 AR-1262-3	8.296	7.309	1007134	569895	197.388	224.283
39)	L8 AR-1262-4	8.431	7.376	69097	1610832	17.925	364.529 #
40)	L8 AR-1262-5	8.950	7.913	848882	-167954	330.747	N.D. #
41)	L9 AR-1268-1	8.296	7.309	1007134	569895	107.020	80.031 #

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 Acq On : 23 Aug 2019 20:32
 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

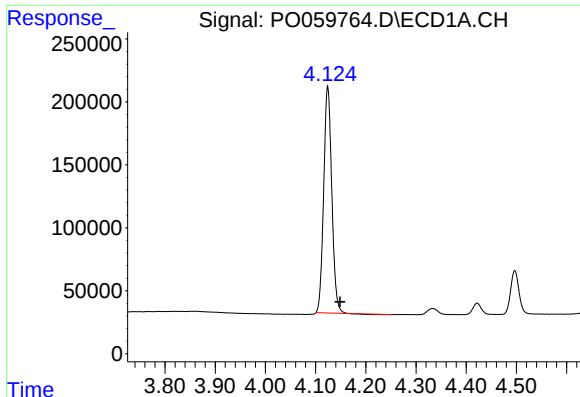
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:28:11 2019
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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	8.431	7.376	69097	1610832	8.766	249.819 #
43) L9	AR-1268-3	8.556	7.596	191075	1023	27.107	0.187 #
44) L9	AR-1268-4	8.950	7.913	848882	-167954	305.348	N.D. #
45) L9	AR-1268-5	9.372	8.134	11821	103933	0.641	7.153 #

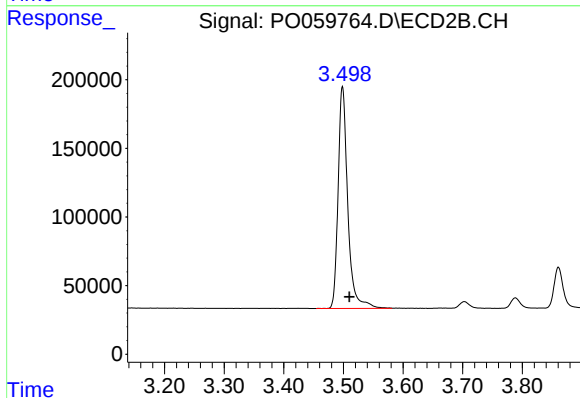
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

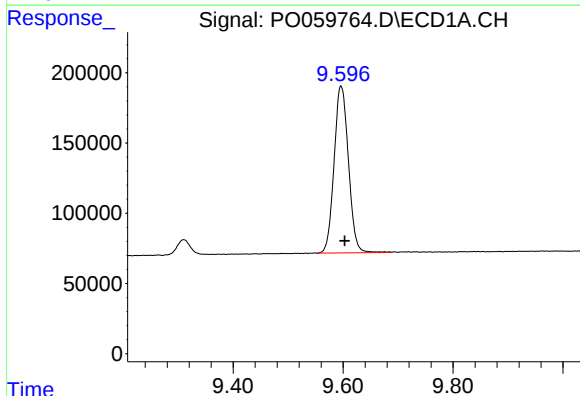
R.T.: 4.124 min
Delta R.T.: -0.025 min
Response: 2015090
Conc: 57.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



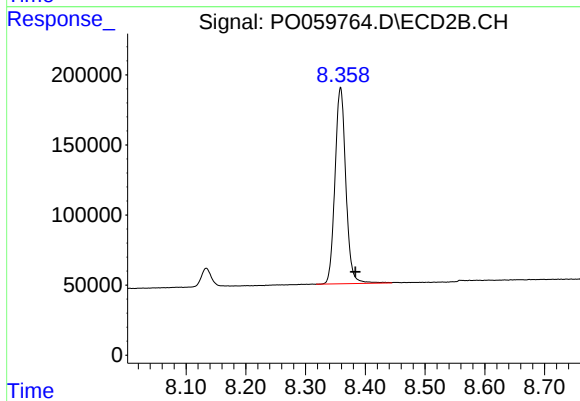
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.012 min
Response: 1820613
Conc: 50.58 ng/ml



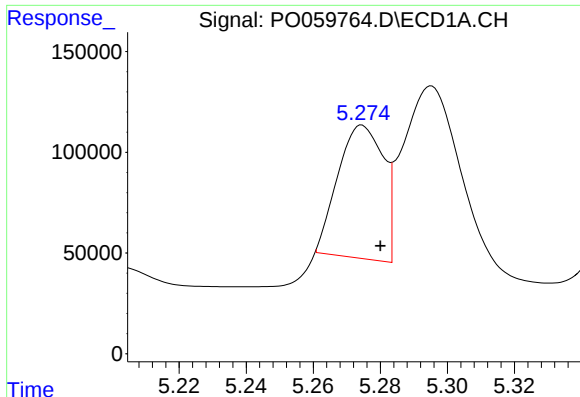
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: -0.007 min
Response: 2151106
Conc: 40.43 ng/ml



#2 Decachlorobiphenyl

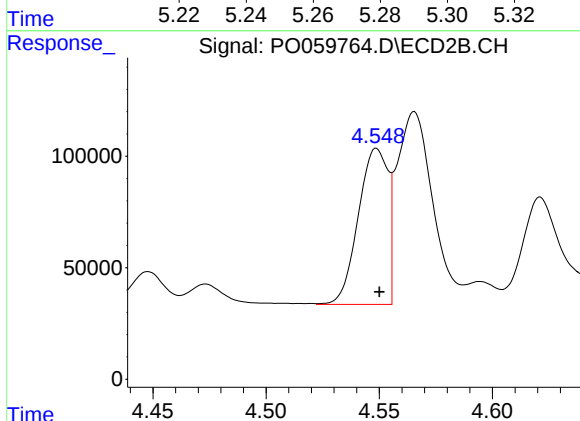
R.T.: 8.359 min
Delta R.T.: -0.025 min
Response: 1766059
Conc: 43.80 ng/ml



#3 AR-1016-1

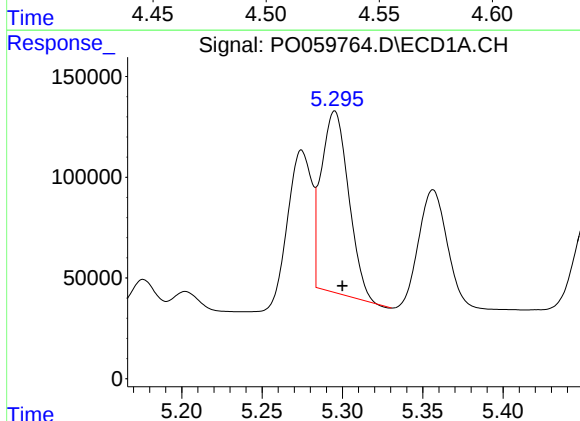
R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 619476
Conc: 386.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



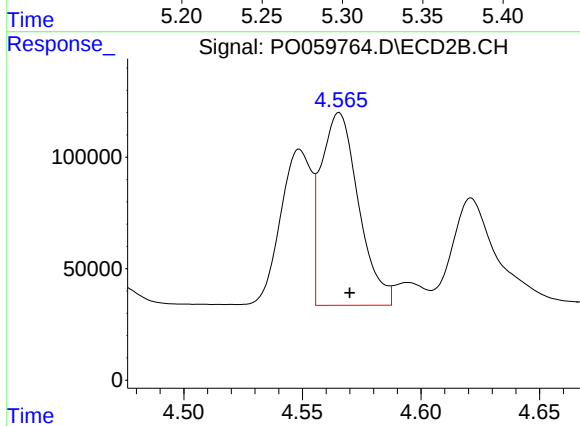
#3 AR-1016-1

R.T.: 4.549 min
Delta R.T.: -0.001 min
Response: 635692
Conc: 470.21 ng/ml



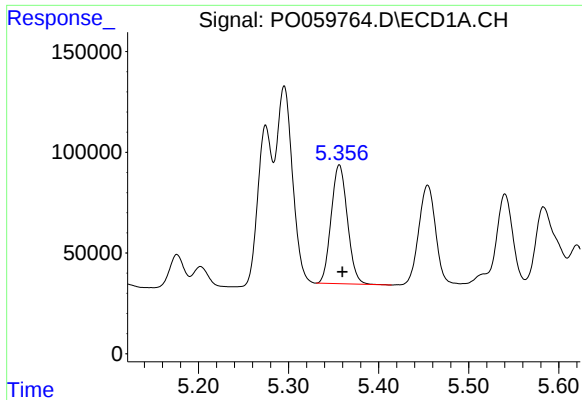
#4 AR-1016-2

R.T.: 5.295 min
Delta R.T.: -0.005 min
Response: 1067493
Conc: 446.18 ng/ml



#4 AR-1016-2

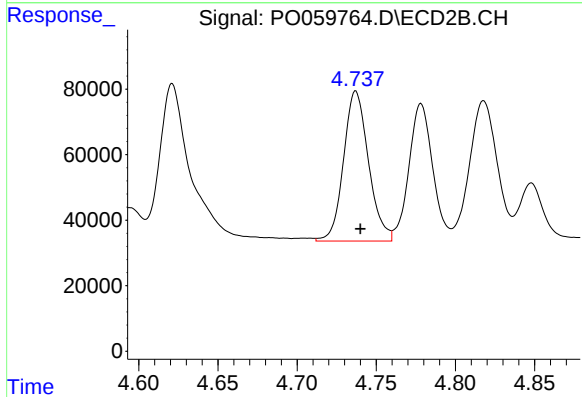
R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 951693
Conc: 475.13 ng/ml



#5 AR-1016-3

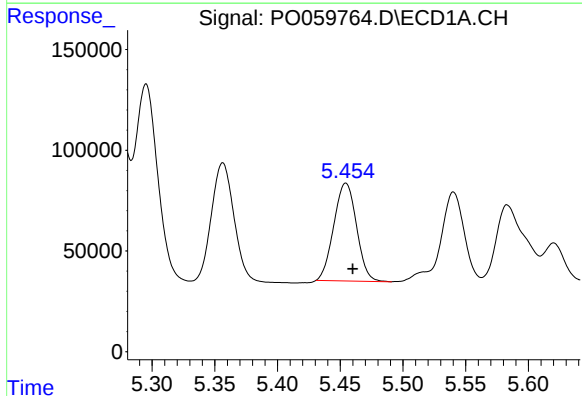
R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 737241
Conc: 494.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



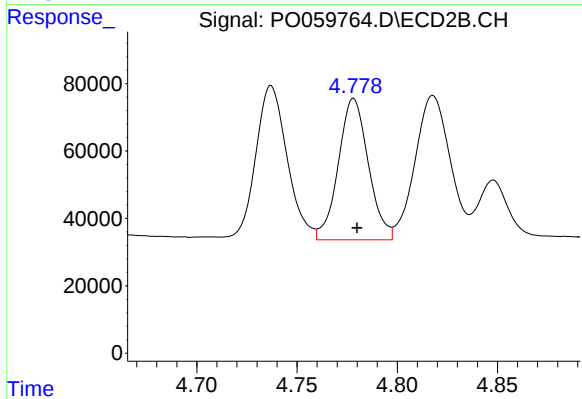
#5 AR-1016-3

R.T.: 4.737 min
Delta R.T.: -0.003 min
Response: 502783
Conc: 464.74 ng/ml



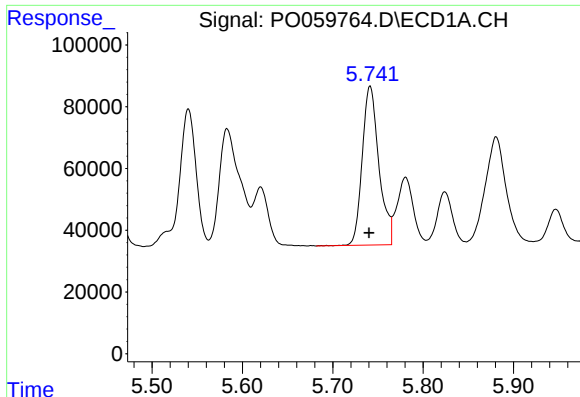
#6 AR-1016-4

R.T.: 5.454 min
Delta R.T.: -0.006 min
Response: 613272
Conc: 506.94 ng/ml



#6 AR-1016-4

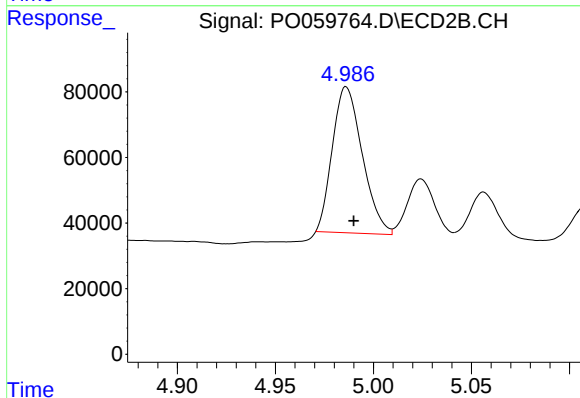
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 437953
Conc: 485.00 ng/ml



#7 AR-1016-5

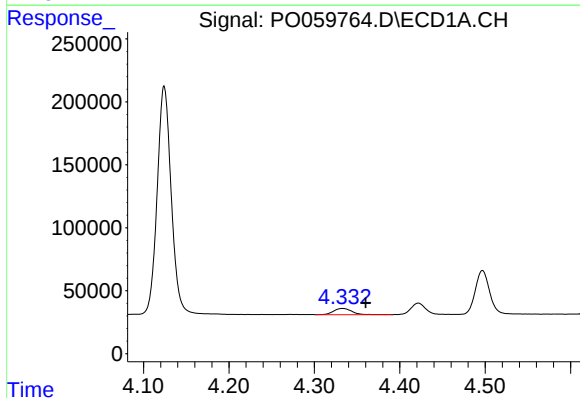
R.T.: 5.741 min
Delta R.T.: 0.001 min
Response: 660065
Conc: 514.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



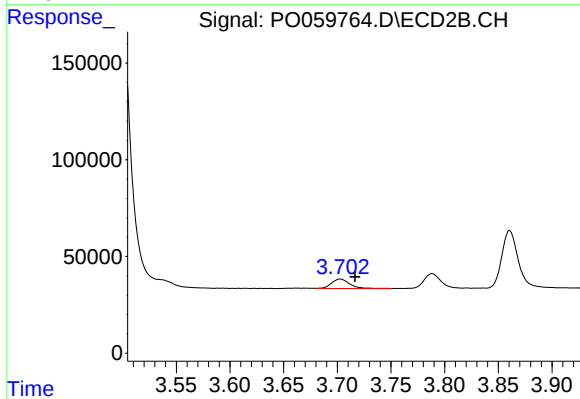
#7 AR-1016-5

R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 472399
Conc: 410.09 ng/ml



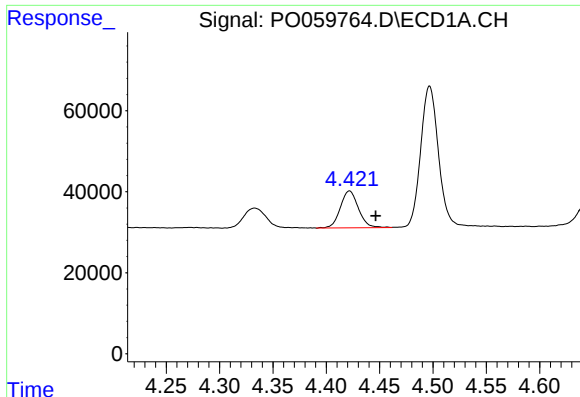
#8 AR-1221-1

R.T.: 4.333 min
Delta R.T.: -0.027 min
Response: 73308
Conc: 173.11 ng/ml



#8 AR-1221-1

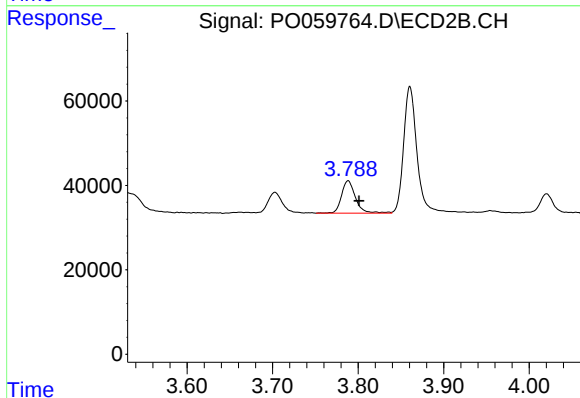
R.T.: 3.703 min
Delta R.T.: -0.014 min
Response: 55997
Conc: 139.51 ng/ml



#9 AR-1221-2

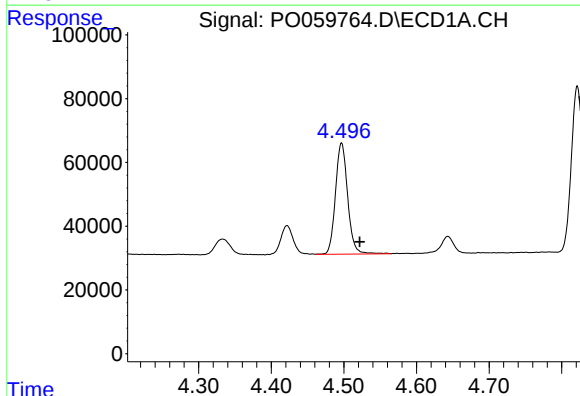
R.T.: 4.422 min
Delta R.T.: -0.025 min
Response: 107902
Conc: 332.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



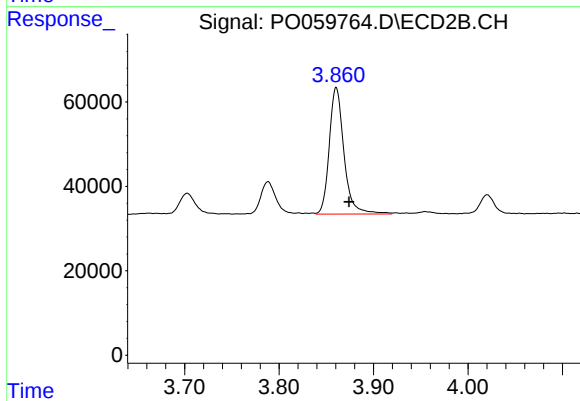
#9 AR-1221-2

R.T.: 3.788 min
Delta R.T.: -0.013 min
Response: 87069
Conc: 285.83 ng/ml



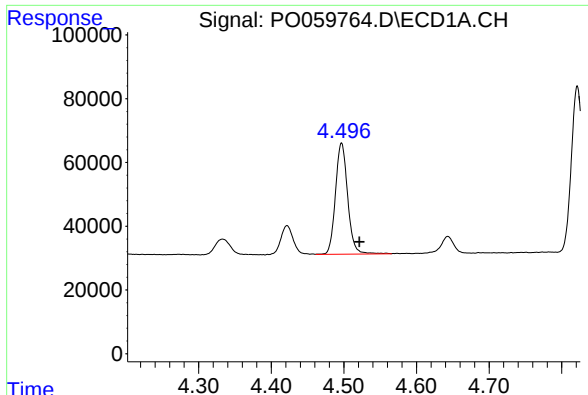
#10 AR-1221-3

R.T.: 4.497 min
Delta R.T.: -0.025 min
Response: 408782
Conc: 388.63 ng/ml



#10 AR-1221-3

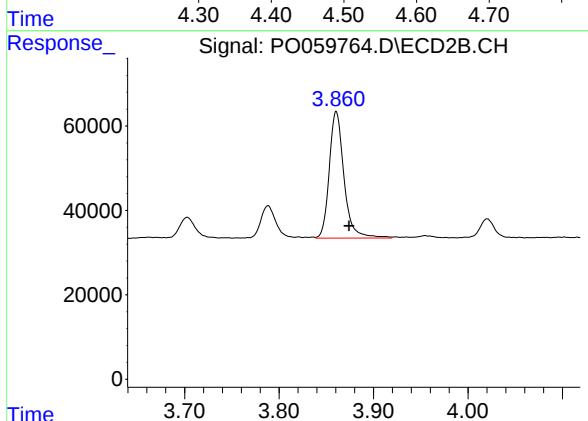
R.T.: 3.861 min
Delta R.T.: -0.014 min
Response: 324941
Conc: 332.10 ng/ml



#11 AR-1232-1

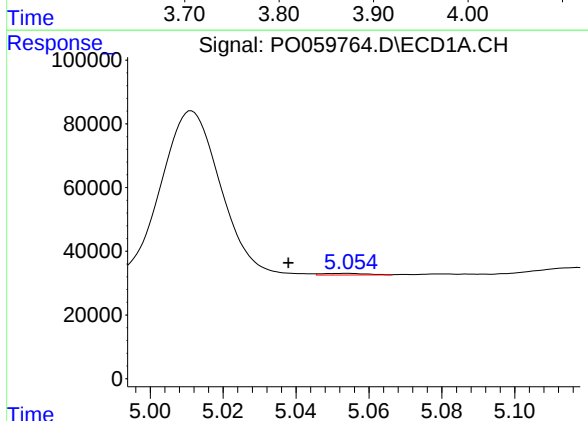
R.T.: 4.497 min
Delta R.T.: -0.025 min
Response: 408782
Conc: 327.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



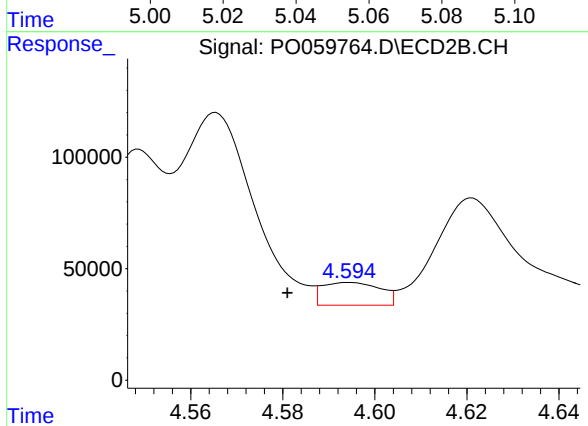
#11 AR-1232-1

R.T.: 3.861 min
Delta R.T.: -0.013 min
Response: 324941
Conc: 285.00 ng/ml



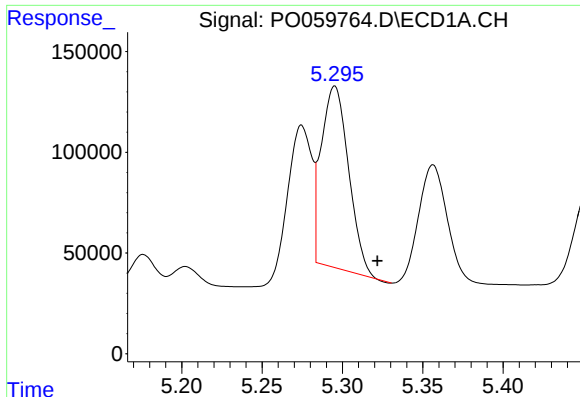
#12 AR-1232-2

R.T.: 5.054 min
Delta R.T.: 0.016 min
Response: 4571
Conc: 6.47 ng/ml



#12 AR-1232-2

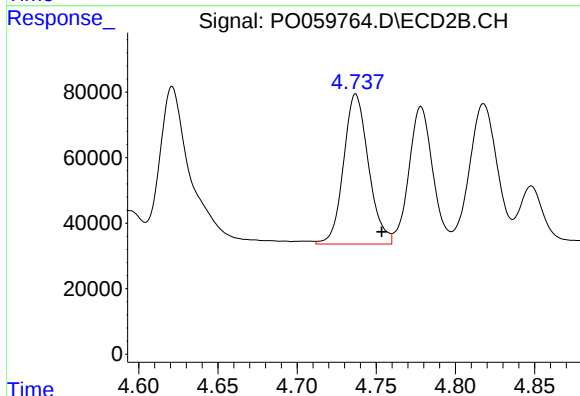
R.T.: 4.595 min
Delta R.T.: 0.014 min
Response: 89535
Conc: 70.30 ng/ml



#13 AR-1232-3

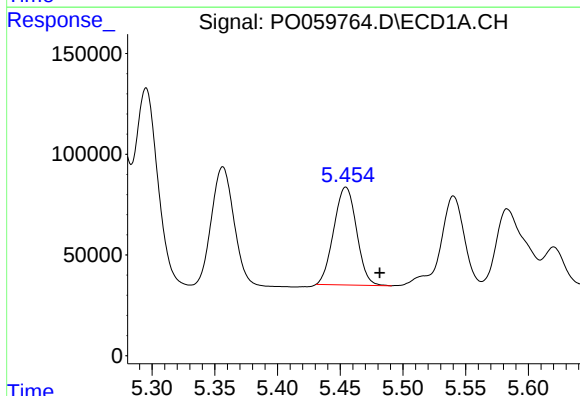
R.T.: 5.295 min
Delta R.T.: -0.027 min
Response: 1067493
Conc: 697.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



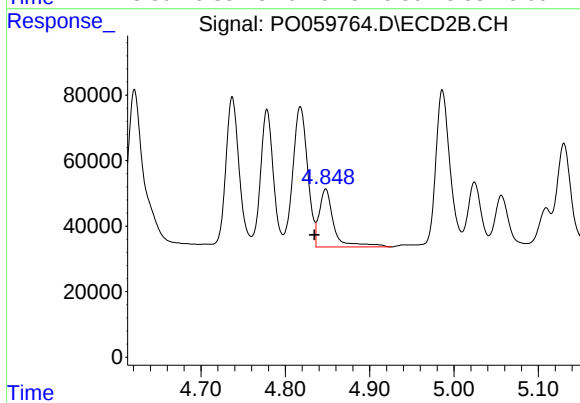
#13 AR-1232-3

R.T.: 4.737 min
Delta R.T.: -0.016 min
Response: 502783
Conc: 738.40 ng/ml



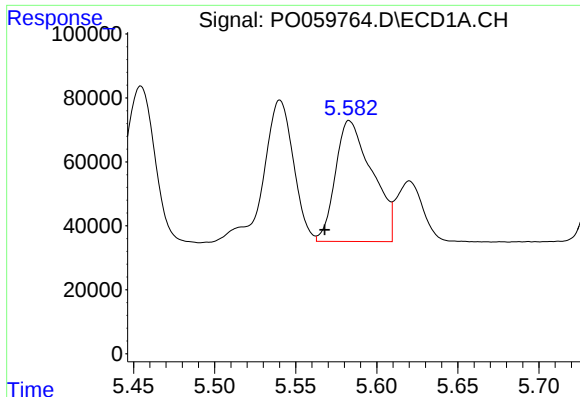
#14 AR-1232-4

R.T.: 5.454 min
Delta R.T.: -0.027 min
Response: 613272
Conc: 784.36 ng/ml



#14 AR-1232-4

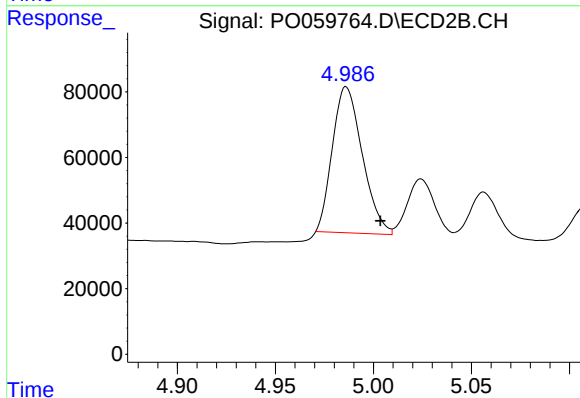
R.T.: 4.848 min
Delta R.T.: 0.014 min
Response: 212077
Conc: 347.64 ng/ml



#15 AR-1232-5

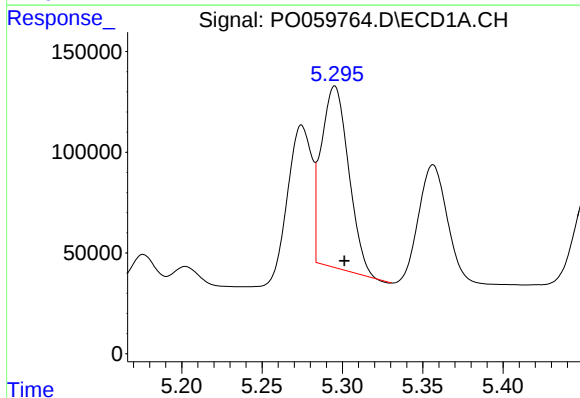
R.T.: 5.583 min
Delta R.T.: 0.015 min
Response: 595715
Conc: 990.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



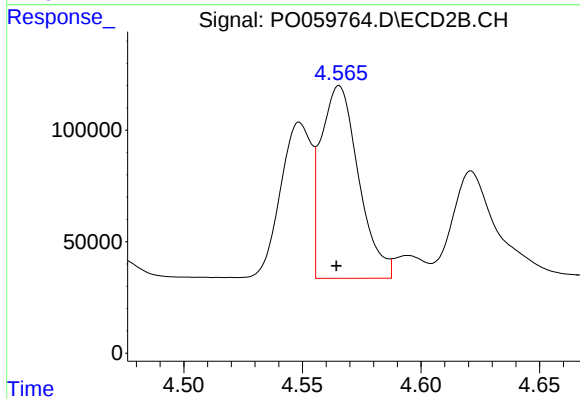
#15 AR-1232-5

R.T.: 4.986 min
Delta R.T.: -0.017 min
Response: 472399
Conc: 693.95 ng/ml



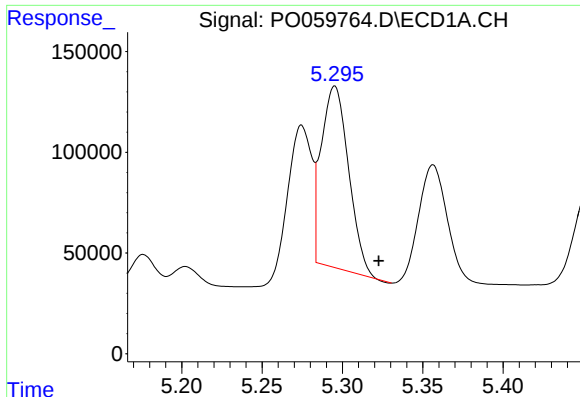
#16 AR-1242-1

R.T.: 5.295 min
Delta R.T.: -0.006 min
Response: 1067493
Conc: 840.87 ng/ml



#16 AR-1242-1

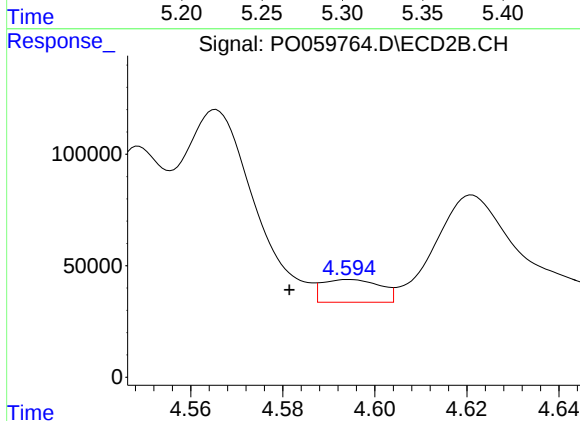
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 951693
Conc: 925.18 ng/ml



#17 AR-1242-2

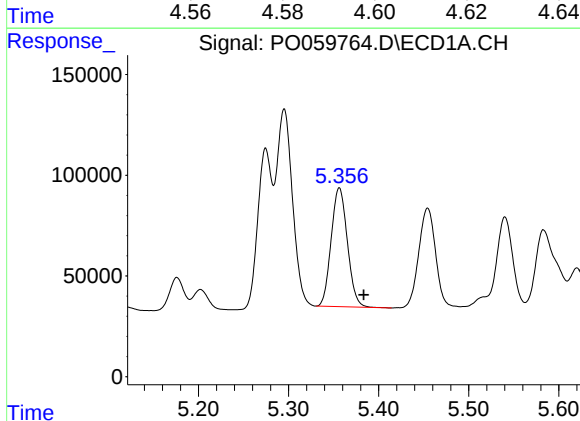
R.T.: 5.295 min
Delta R.T.: -0.027 min
Response: 1067493
Conc: 575.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



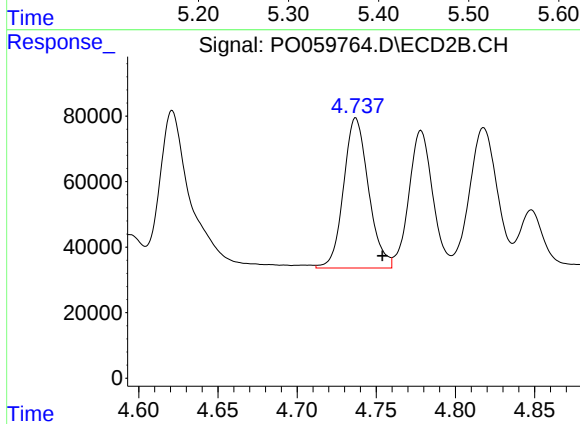
#17 AR-1242-2

R.T.: 4.595 min
Delta R.T.: 0.013 min
Response: 89535
Conc: 58.78 ng/ml



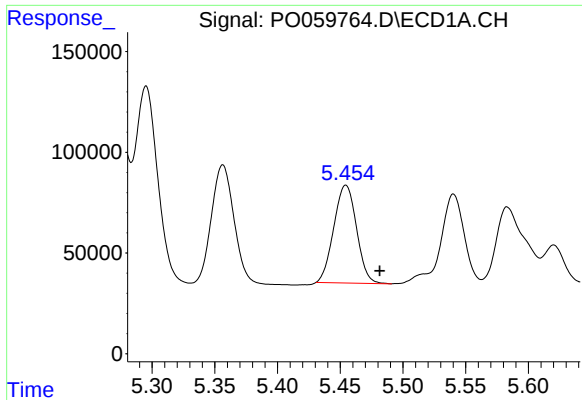
#18 AR-1242-3

R.T.: 5.356 min
Delta R.T.: -0.027 min
Response: 737241
Conc: 630.75 ng/ml



#18 AR-1242-3

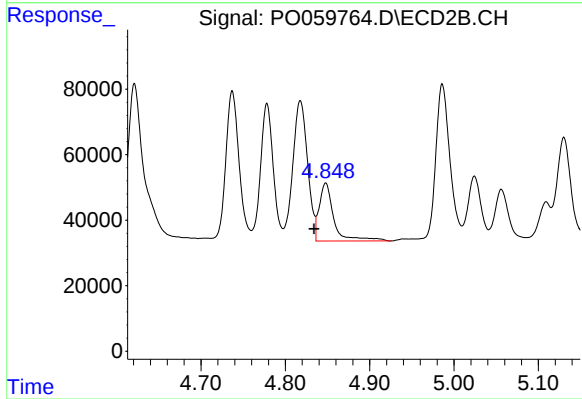
R.T.: 4.737 min
Delta R.T.: -0.017 min
Response: 502783
Conc: 601.77 ng/ml



#19 AR-1242-4

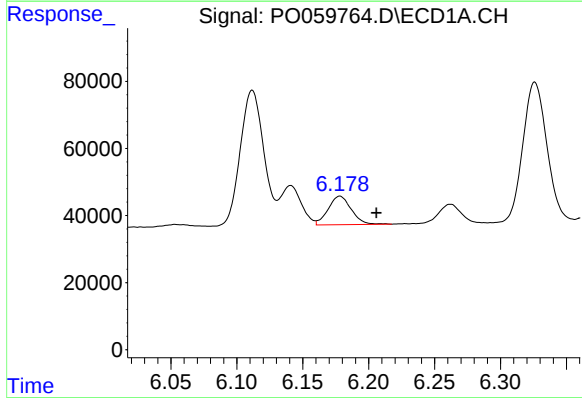
R.T.: 5.454 min
Delta R.T.: -0.027 min
Response: 613272
Conc: 633.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



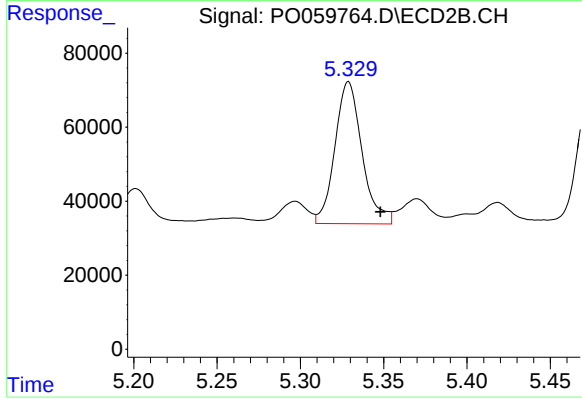
#19 AR-1242-4

R.T.: 4.848 min
Delta R.T.: 0.014 min
Response: 212077
Conc: 254.17 ng/ml



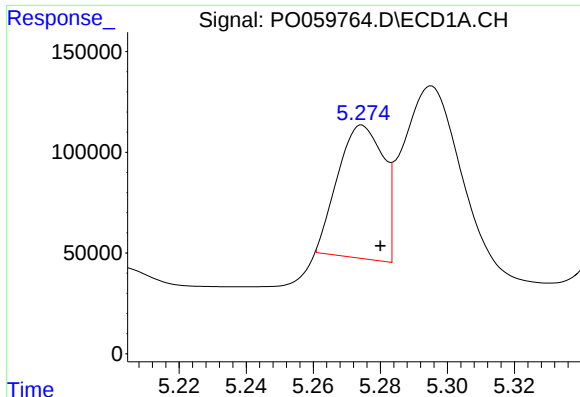
#20 AR-1242-5

R.T.: 6.178 min
Delta R.T.: -0.028 min
Response: 103762
Conc: 82.57 ng/ml



#20 AR-1242-5

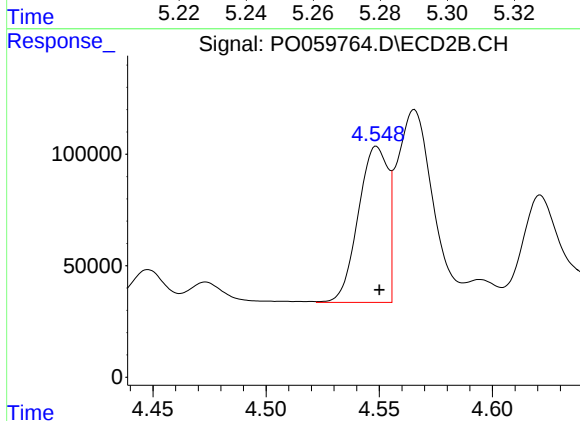
R.T.: 5.329 min
Delta R.T.: -0.019 min
Response: 435467
Conc: 389.30 ng/ml



#21 AR-1248-1

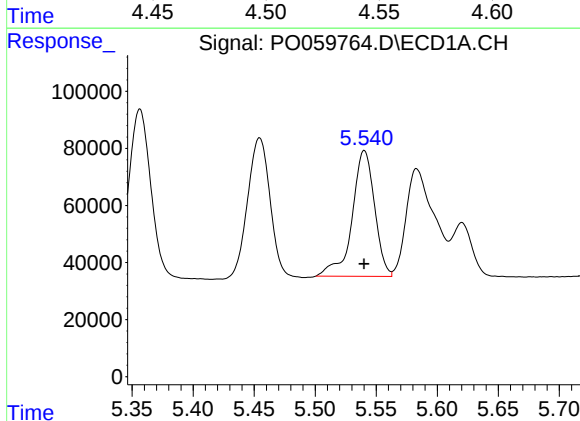
R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 619476
Conc: 617.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



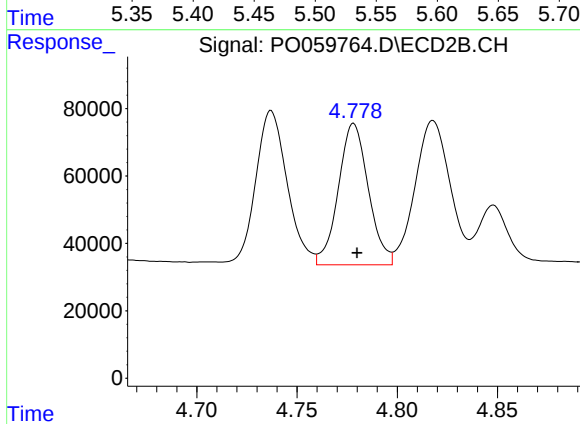
#21 AR-1248-1

R.T.: 4.549 min
Delta R.T.: -0.001 min
Response: 635692
Conc: 767.72 ng/ml



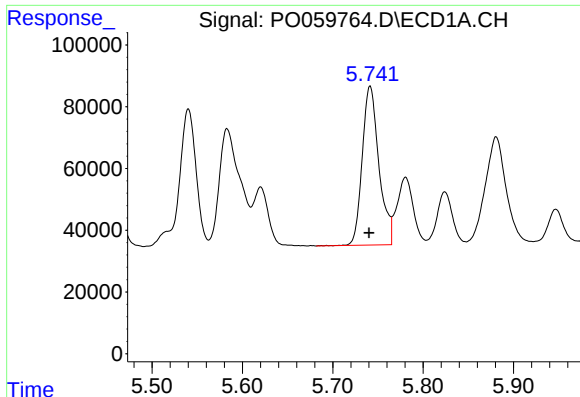
#22 AR-1248-2

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 564103
Conc: 388.79 ng/ml



#22 AR-1248-2

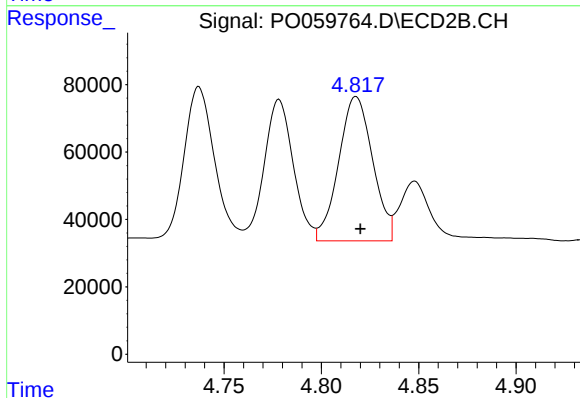
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 437953
Conc: 379.80 ng/ml



#23 AR-1248-3

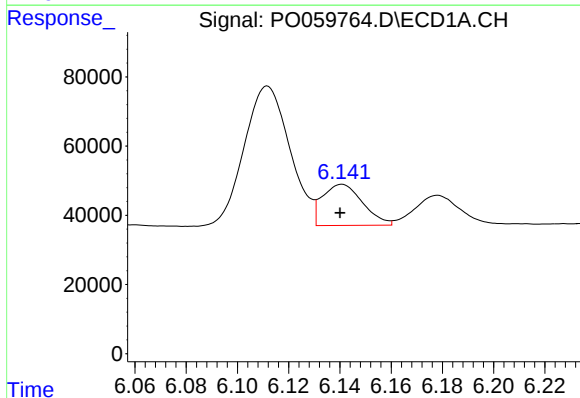
R.T.: 5.741 min
Delta R.T.: 0.001 min
Response: 660065
Conc: 397.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



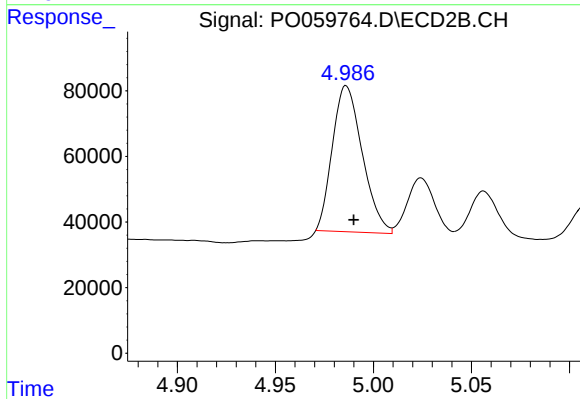
#23 AR-1248-3

R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 521351
Conc: 438.94 ng/ml



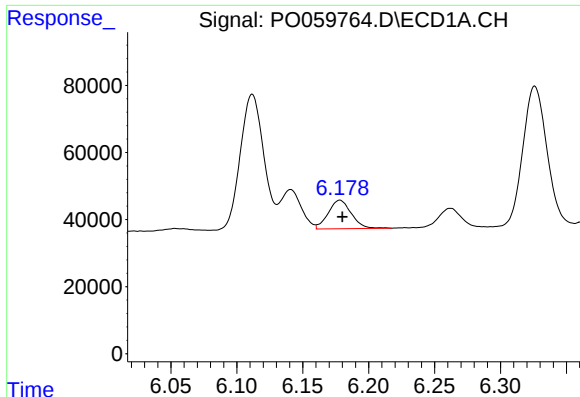
#24 AR-1248-4

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 129477
Conc: 63.34 ng/ml



#24 AR-1248-4

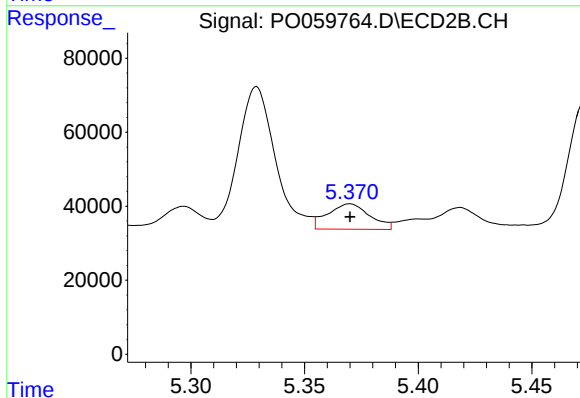
R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 472399
Conc: 325.10 ng/ml



#25 AR-1248-5

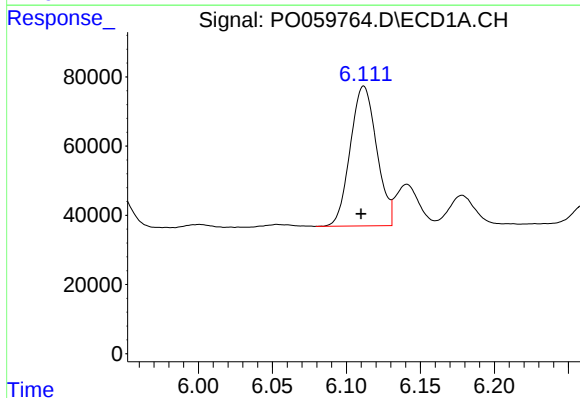
R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 103762
Conc: 52.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



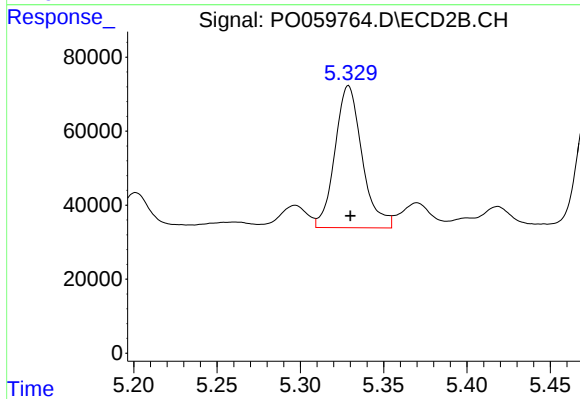
#25 AR-1248-5

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 88679
Conc: 61.96 ng/ml



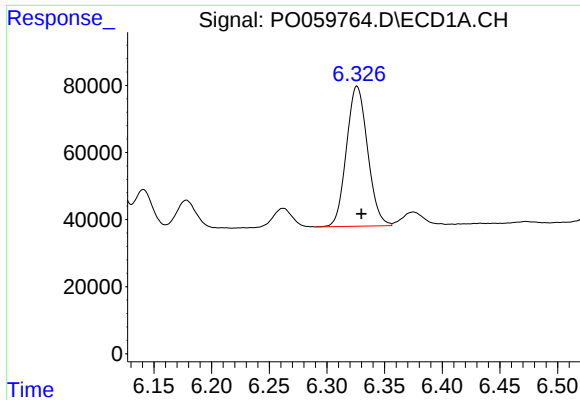
#26 AR-1254-1

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 501321
Conc: 240.28 ng/ml



#26 AR-1254-1

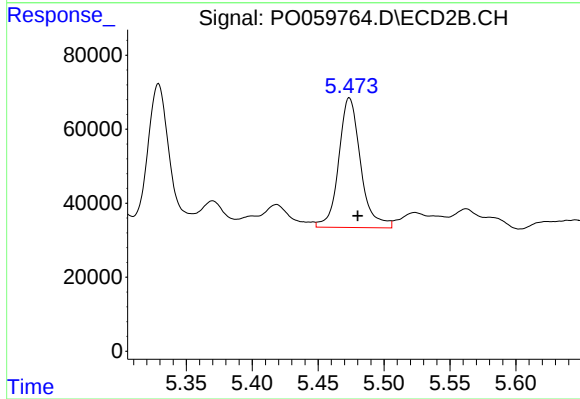
R.T.: 5.329 min
Delta R.T.: -0.001 min
Response: 435467
Conc: 183.60 ng/ml



#27 AR-1254-2

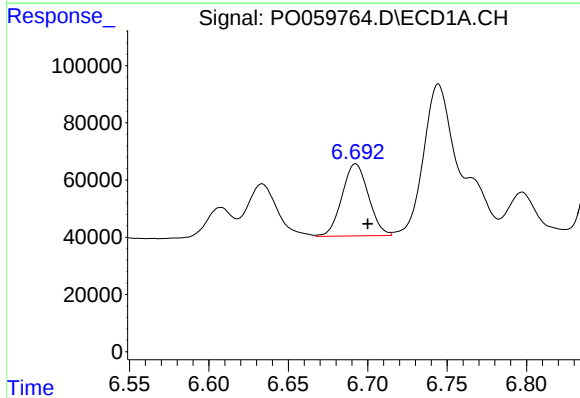
R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 530860
Conc: 159.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



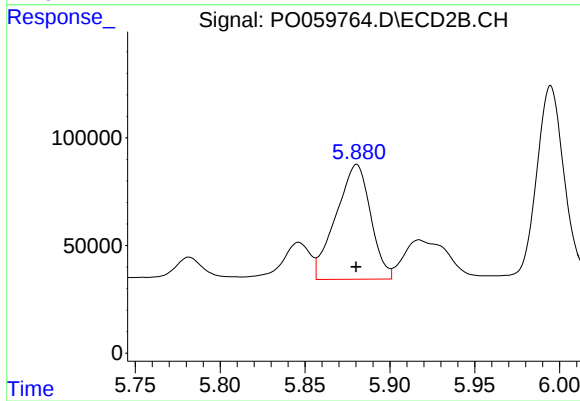
#27 AR-1254-2

R.T.: 5.474 min
Delta R.T.: -0.006 min
Response: 404441
Conc: 192.75 ng/ml



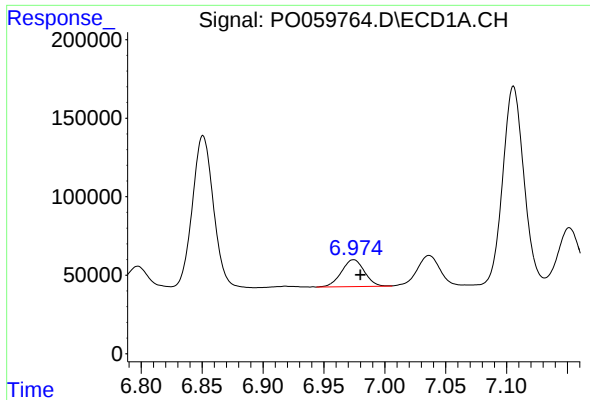
#28 AR-1254-3

R.T.: 6.692 min
Delta R.T.: -0.008 min
Response: 292230
Conc: 82.35 ng/ml



#28 AR-1254-3

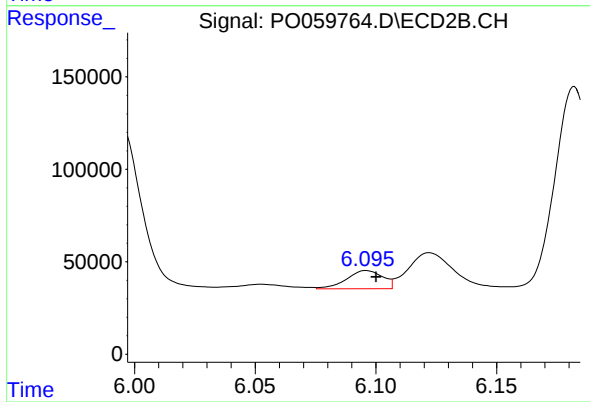
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 757420
Conc: 225.25 ng/ml



#29 AR-1254-4

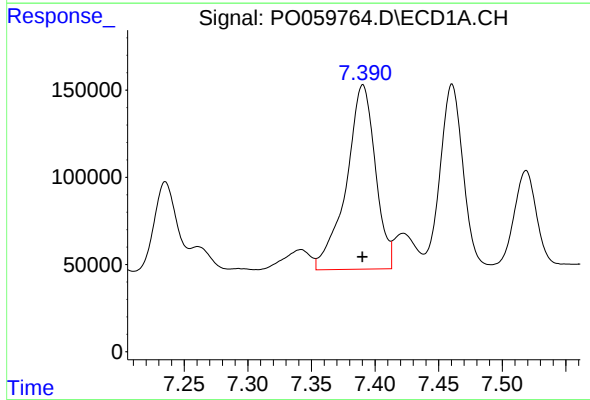
R.T.: 6.974 min
Delta R.T.: -0.006 min
Response: 224761
Conc: 76.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



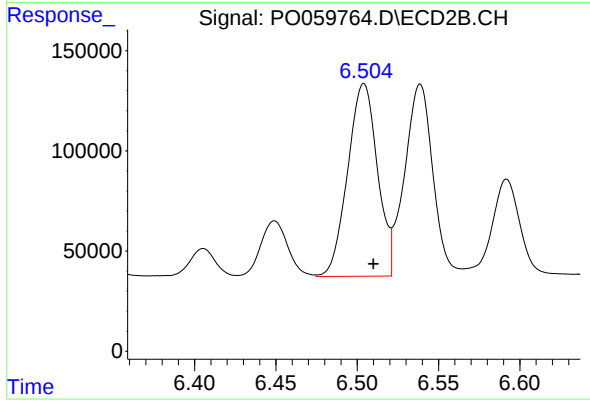
#29 AR-1254-4

R.T.: 6.096 min
Delta R.T.: -0.004 min
Response: 102772
Conc: 49.85 ng/ml



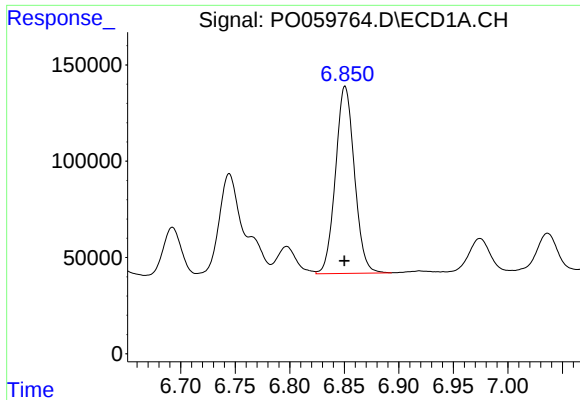
#30 AR-1254-5

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 1682982
Conc: 544.23 ng/ml



#30 AR-1254-5

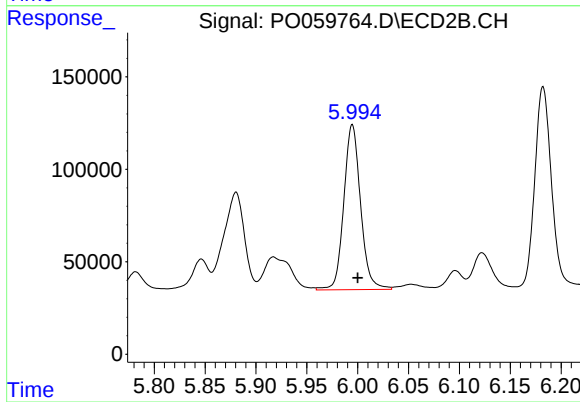
R.T.: 6.504 min
Delta R.T.: -0.006 min
Response: 1224747
Conc: 394.45 ng/ml



#31 AR-1260-1

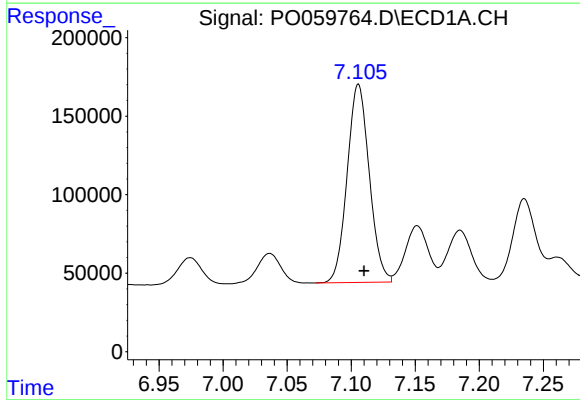
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 1174887
Conc: 435.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



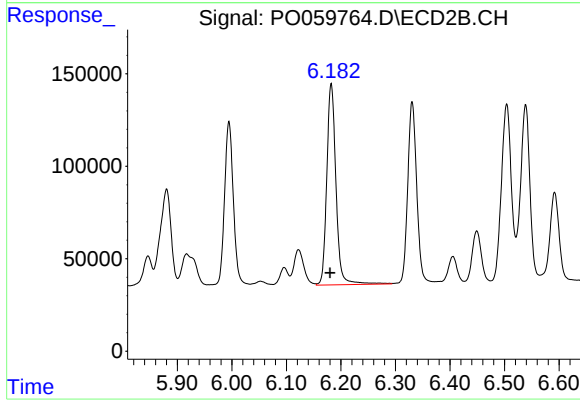
#31 AR-1260-1

R.T.: 5.995 min
Delta R.T.: -0.005 min
Response: 1024212
Conc: 449.43 ng/ml



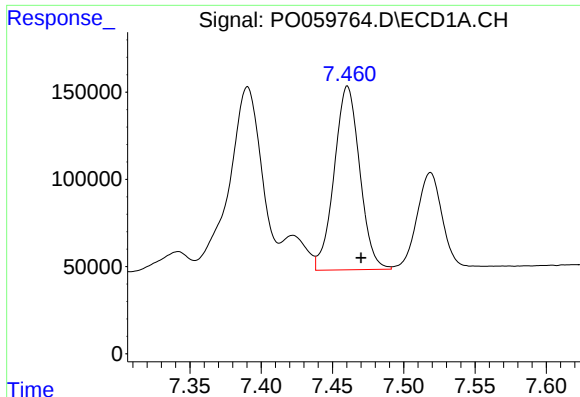
#32 AR-1260-2

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 1516111
Conc: 408.60 ng/ml



#32 AR-1260-2

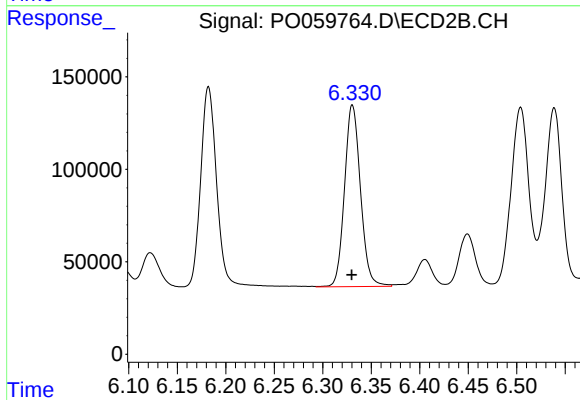
R.T.: 6.182 min
Delta R.T.: 0.002 min
Response: 1279212
Conc: 436.61 ng/ml



#33 AR-1260-3

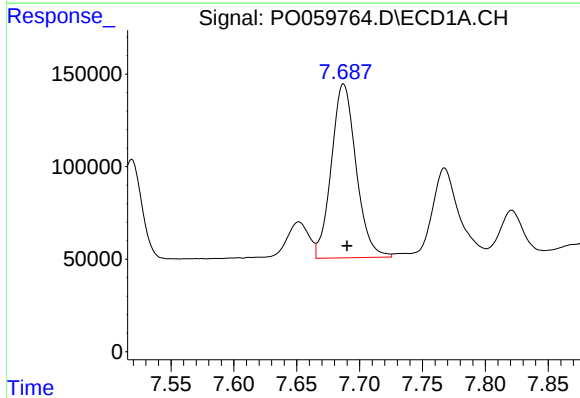
R.T.: 7.461 min
Delta R.T.: -0.009 min
Response: 1312900
Conc: 400.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



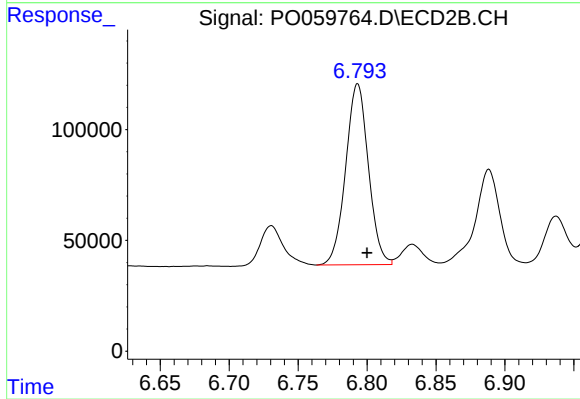
#33 AR-1260-3

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 1125702
Conc: 424.93 ng/ml



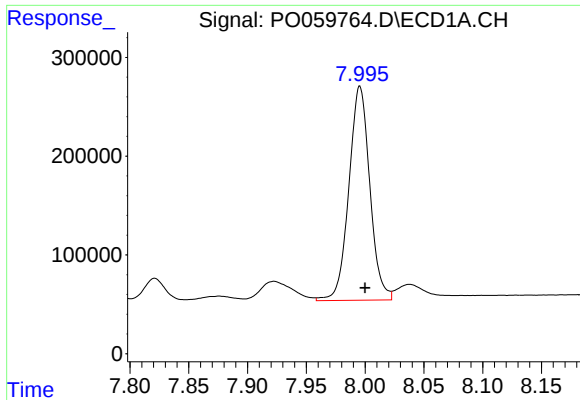
#34 AR-1260-4

R.T.: 7.687 min
Delta R.T.: -0.003 min
Response: 1287994
Conc: 419.36 ng/ml



#34 AR-1260-4

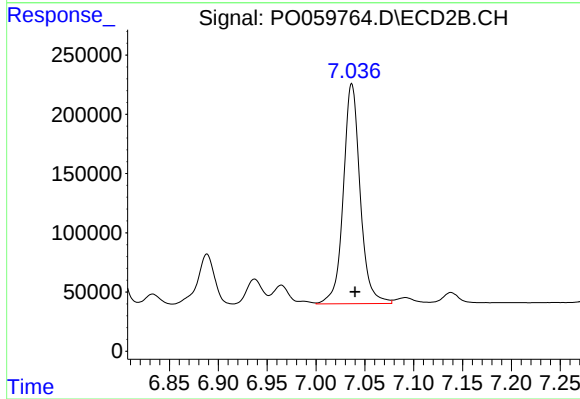
R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 937023
Conc: 414.14 ng/ml



#35 AR-1260-5

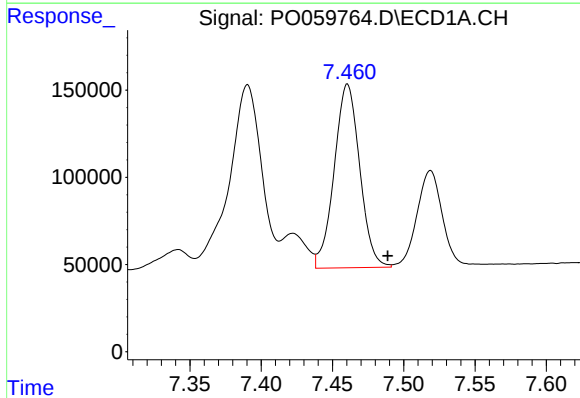
R.T.: 7.996 min
Delta R.T.: -0.004 min
Response: 2687126
Conc: 379.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



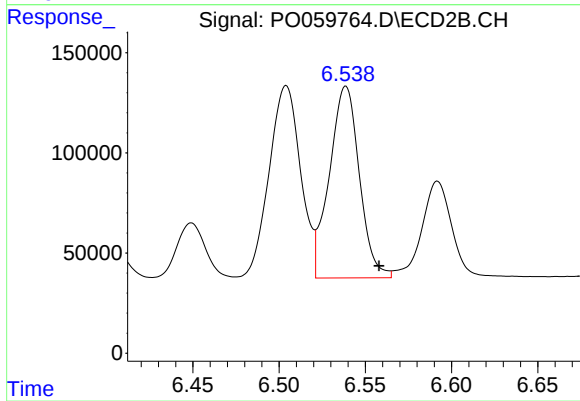
#35 AR-1260-5

R.T.: 7.037 min
Delta R.T.: -0.003 min
Response: 2232545
Conc: 405.67 ng/ml



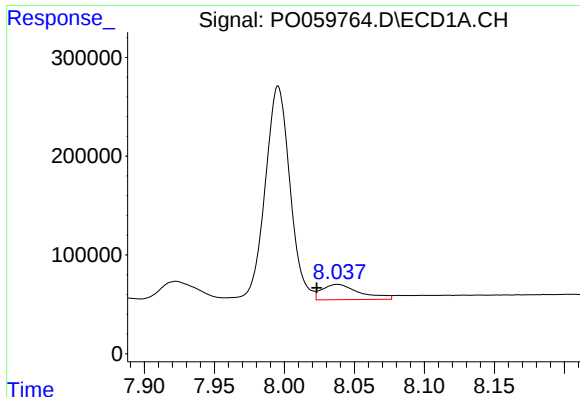
#36 AR-1262-1

R.T.: 7.461 min
Delta R.T.: -0.028 min
Response: 1312900
Conc: 270.54 ng/ml



#36 AR-1262-1

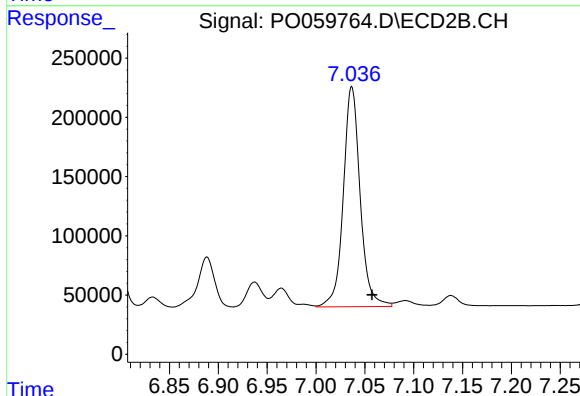
R.T.: 6.539 min
Delta R.T.: -0.019 min
Response: 1157283
Conc: 310.47 ng/ml



#37 AR-1262-2

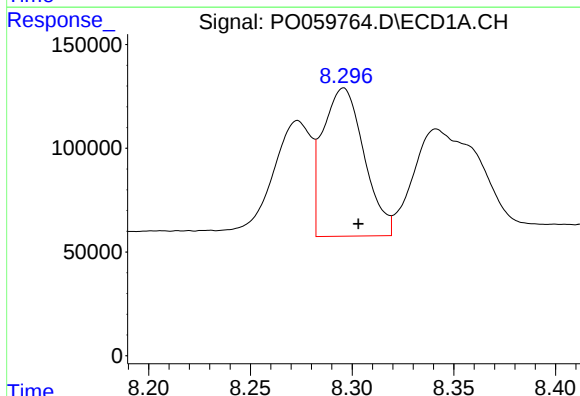
R.T.: 8.038 min
Delta R.T.: 0.015 min
Response: 292618
Conc: 37.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



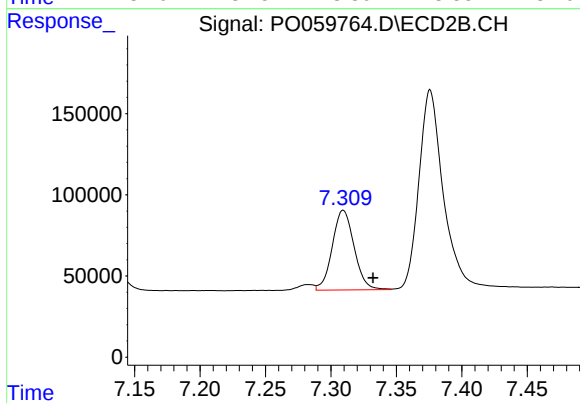
#37 AR-1262-2

R.T.: 7.037 min
Delta R.T.: -0.021 min
Response: 2232545
Conc: 379.75 ng/ml



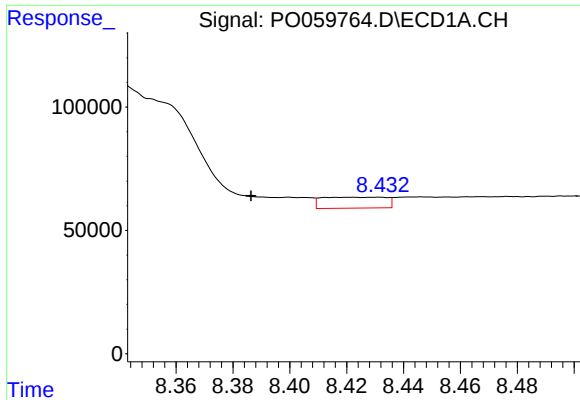
#38 AR-1262-3

R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 1007134
Conc: 197.39 ng/ml



#38 AR-1262-3

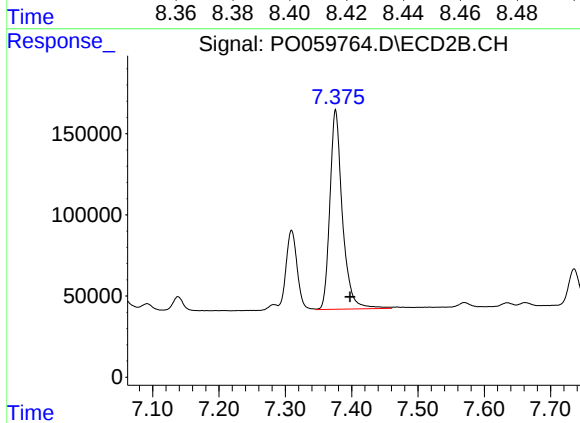
R.T.: 7.309 min
Delta R.T.: -0.023 min
Response: 569895
Conc: 224.28 ng/ml



#39 AR-1262-4

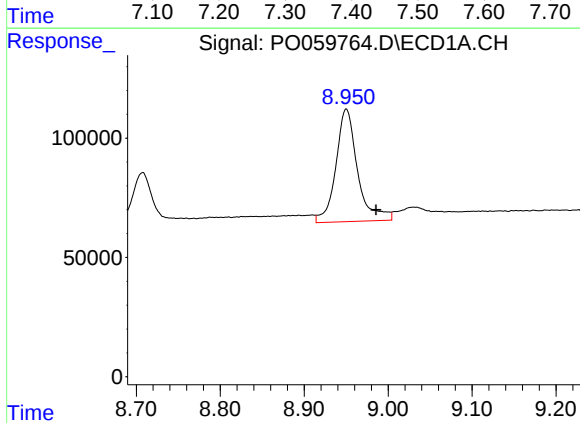
R.T.: 8.431 min
Delta R.T.: 0.044 min
Response: 69097
Conc: 17.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



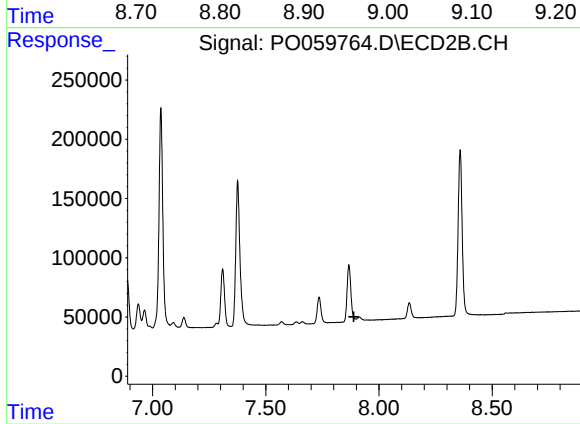
#39 AR-1262-4

R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 1610832
Conc: 364.53 ng/ml



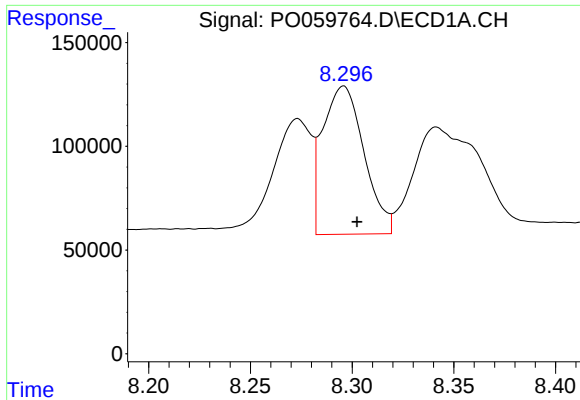
#40 AR-1262-5

R.T.: 8.950 min
Delta R.T.: -0.036 min
Response: 848882
Conc: 330.75 ng/ml



#40 AR-1262-5

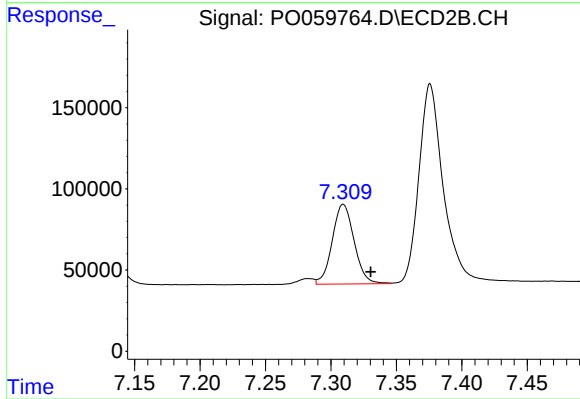
R.T.: 7.913 min
Delta R.T.: 0.024 min
Response: -167954
Conc: N.D.



#41 AR-1268-1

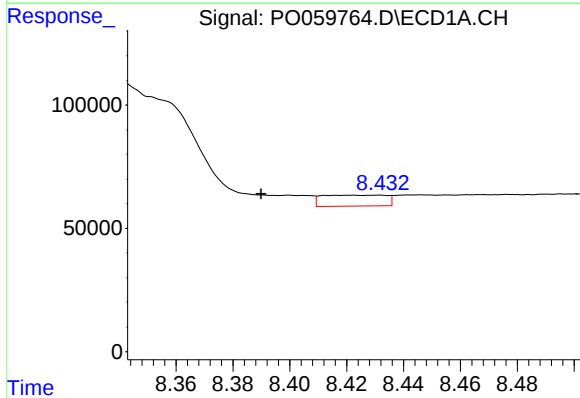
R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 1007134
Conc: 107.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



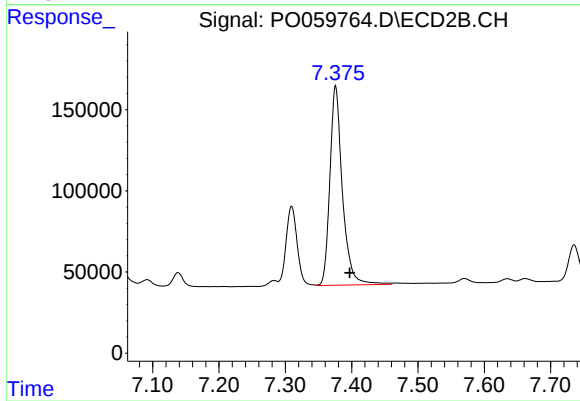
#41 AR-1268-1

R.T.: 7.309 min
Delta R.T.: -0.021 min
Response: 569895
Conc: 80.03 ng/ml



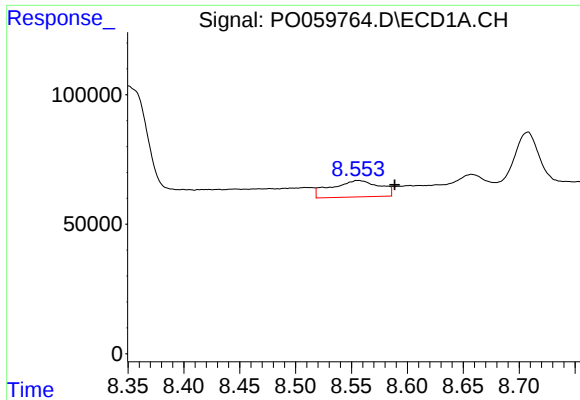
#42 AR-1268-2

R.T.: 8.431 min
Delta R.T.: 0.041 min
Response: 69097
Conc: 8.77 ng/ml



#42 AR-1268-2

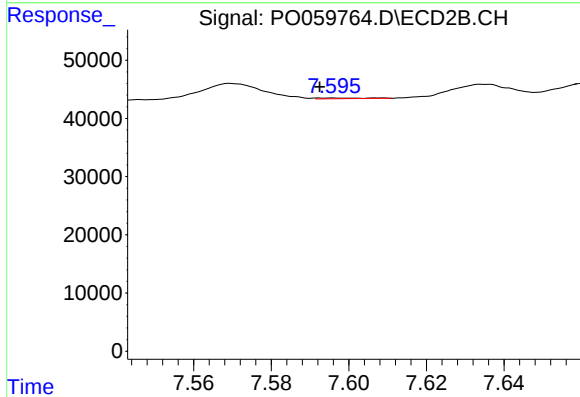
R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 1610832
Conc: 249.82 ng/ml



#43 AR-1268-3

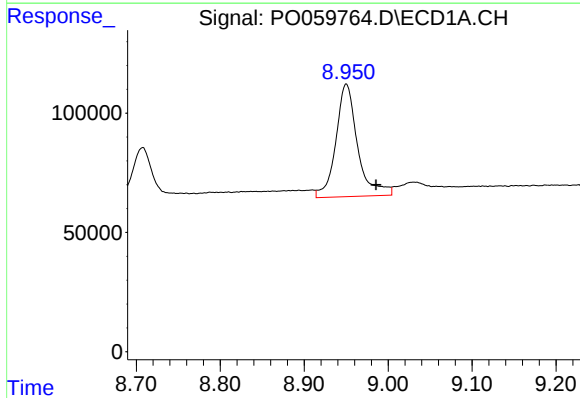
R.T.: 8.556 min
Delta R.T.: -0.033 min
Response: 191075
Conc: 27.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



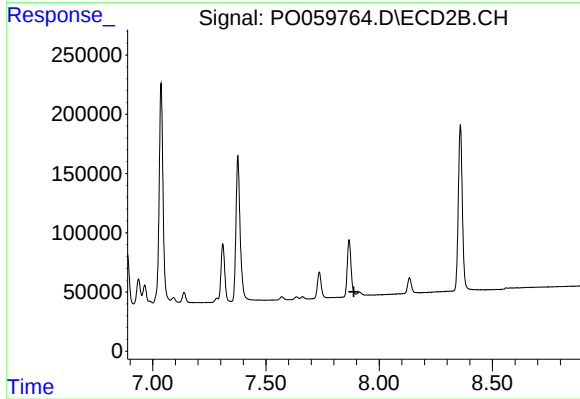
#43 AR-1268-3

R.T.: 7.596 min
Delta R.T.: 0.003 min
Response: 1023
Conc: 0.19 ng/ml



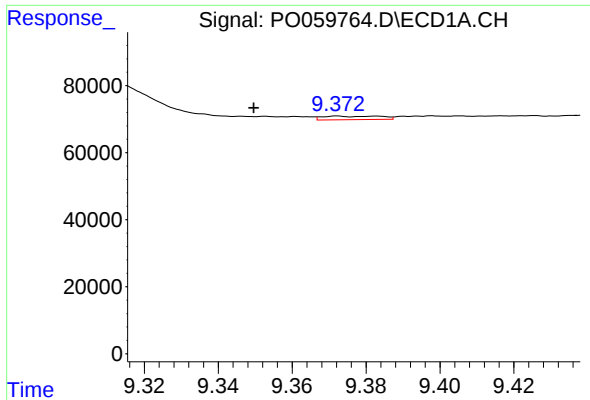
#44 AR-1268-4

R.T.: 8.950 min
Delta R.T.: -0.035 min
Response: 848882
Conc: 305.35 ng/ml



#44 AR-1268-4

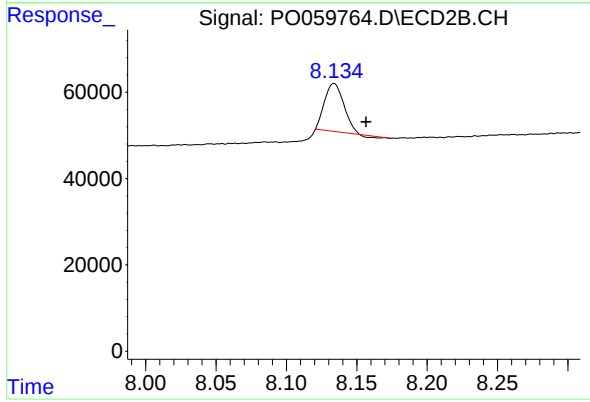
R.T.: 7.913 min
Delta R.T.: 0.025 min
Response: -167954
Conc: N.D.



#45 AR-1268-5

R.T.: 9.372 min
Delta R.T.: 0.023 min
Response: 11821
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.134 min
Delta R.T.: -0.023 min
Response: 103933
Conc: 7.15 ng/ml