

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031121\
 Data File : P0076075.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Mar 2021 19:52
 Operator : DD\AJ
 Sample : M1458-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 05:33:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 05 08:07:39 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...	4.926	3.940	657048	541602	11.023	12.141
2)	SA Decachlor...	10.931	9.212	433872	494579	13.207	13.602
Target Compounds							
3)	L1 AR-1016-1	6.250	5.190	109127	93944	60.078	62.573
4)	L1 AR-1016-2	6.273	5.210	160993	162369	57.492	68.042
5)	L1 AR-1016-3	6.339	5.400	97165	76435	58.272	63.299
6)	L1 AR-1016-4	6.447	5.451	79876	71977	60.519	68.582
7)	L1 AR-1016-5	6.761	5.678	82794	81981	62.879	64.467
9)	L2 AR-1221-2	5.276	0.000	21217	0	46.262	N.D. #
10)	L2 AR-1221-3	5.363	4.384	57119	52030	37.729	43.272
11)	L3 AR-1232-1	5.363	4.384	57119	52030	47.258	51.813
12)	L3 AR-1232-2	5.953	5.210	84342	162369	134.979	149.369
13)	L3 AR-1232-3	6.273	5.400	160993	76435	138.102	150.246
14)	L3 AR-1232-4	6.447	5.496	79876	83557	135.608	181.238 #
15)	L3 AR-1232-5	6.544	5.678	71655	81981	179.301	164.138
16)	L4 AR-1242-1	6.250	5.190	109127	93944	74.964	78.985
17)	L4 AR-1242-2	6.273	5.210	160993	162369	72.172	83.594
18)	L4 AR-1242-3	6.339	5.400	97165	76435	71.167	78.085
19)	L4 AR-1242-4	6.447	5.496	79876	83557	74.947	85.167
20)	L4 AR-1242-5	0.000	6.056	0	58860	N.D.	49.772 #
21)	L5 AR-1248-1	6.250	5.190	109127	93944	100.116	101.801
22)	L5 AR-1248-2	6.544	5.451	71655	71977	45.699	50.307
23)	L5 AR-1248-3	6.761	5.496	82794	83557	46.093	56.744
24)	L5 AR-1248-4	0.000	5.678	0	81981	N.D.	48.527 #
26)	L6 AR-1254-1	7.161	6.056	40139	58860	19.309	22.637
27)	L6 AR-1254-2	7.391	6.216	58537	56826	18.554	24.754 #
28)	L6 AR-1254-3	7.773	6.653	36383	110081	11.662	31.639 #
29)	L6 AR-1254-4	8.069	6.907f	26036	32962	11.910	15.583 #
30)	L6 AR-1254-5	8.499	7.301	182244	202947	80.065	65.285
31)	L7 AR-1260-1	7.941	6.771	149121	153102	70.104	67.460
32)	L7 AR-1260-2	8.206	6.968	162414	192710	66.989	69.634
33)	L7 AR-1260-3	8.573	7.122	118981	165592	65.448	64.007
34)	L7 AR-1260-4	8.804	7.604	138320	140257	63.629	66.426
35)	L7 AR-1260-5	9.130	7.852	240210	318983	63.093	63.575
36)	L8 AR-1262-1	8.573	7.301	118981	202947	41.794	117.910 #
37)	L8 AR-1262-2	9.130	7.852	240210	318983	52.712	57.231
38)	L8 AR-1262-3	9.459	8.141	157226	66496	51.996	28.655 #
39)	L8 AR-1262-4	9.512f	8.199	101635	294650	44.487	70.100 #
40)	L8 AR-1262-5	10.193	8.697	70371	82208	46.455	45.488
41)	L9 AR-1268-1	9.459	8.141	157226	66496	29.912	10.334 #
42)	L9 AR-1268-2	9.512f	8.199	101635	294650	21.749	49.751 #
44)	L9 AR-1268-4	10.193	8.697	70371	82208	44.890	41.709

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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
45) L9	AR-1268-5	0.000	8.973	0	28134	N.D.	1.978 #

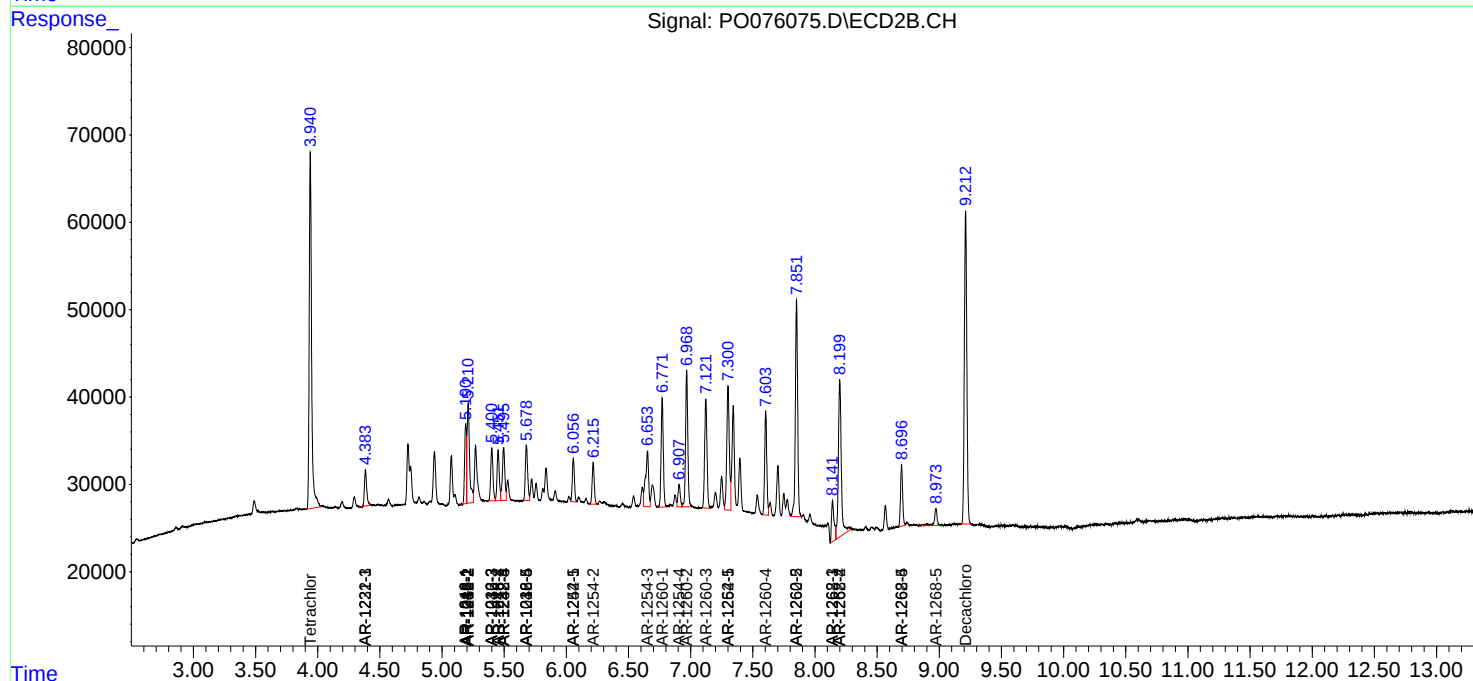
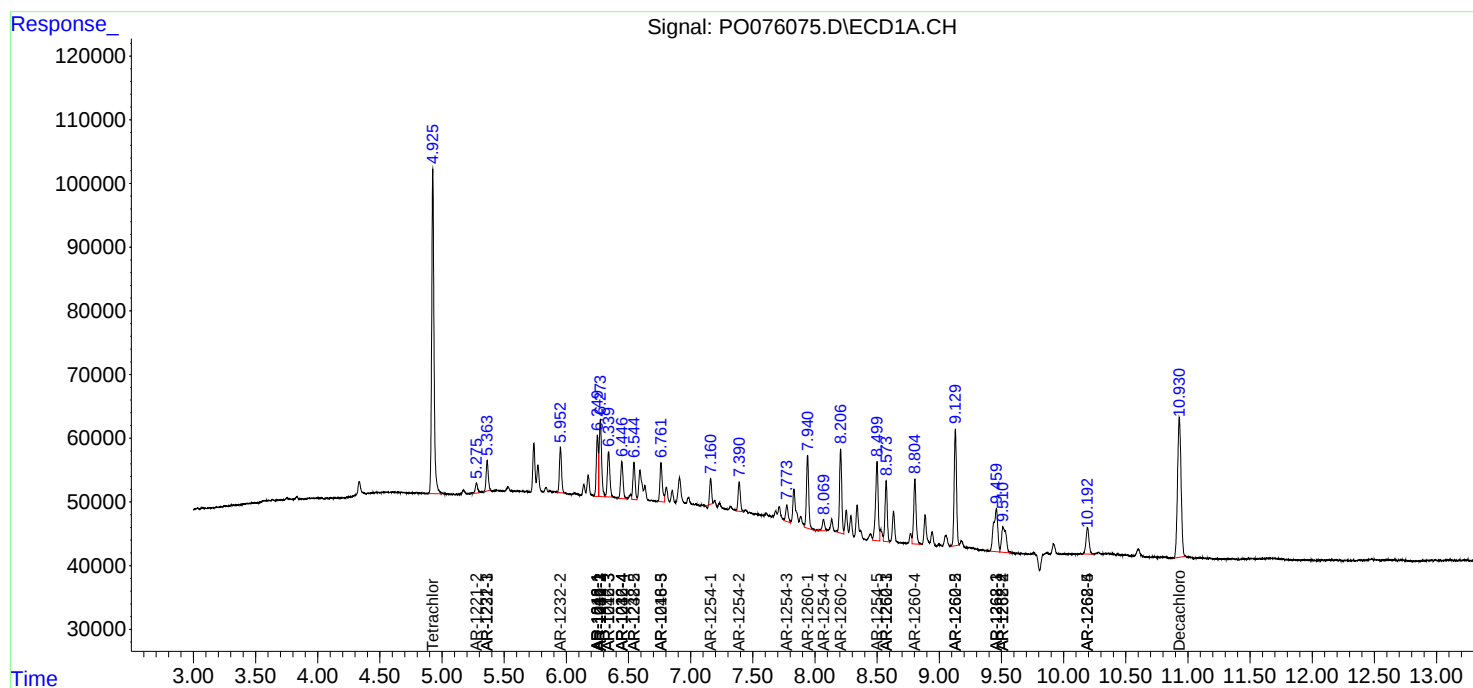
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

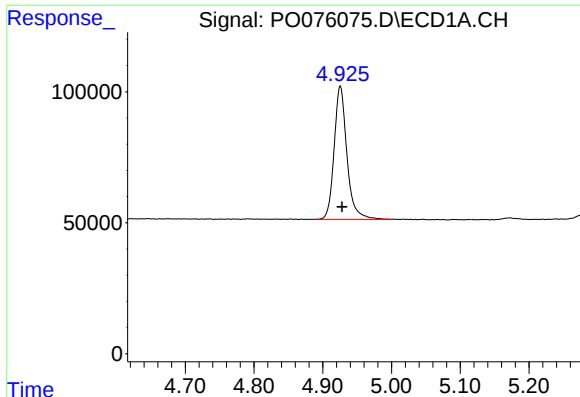
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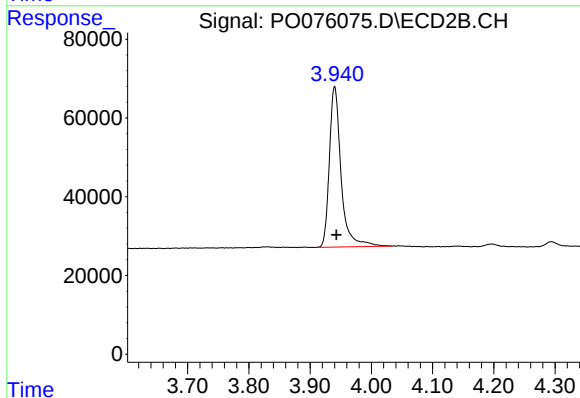




#1 Tetrachloro-m-xylene

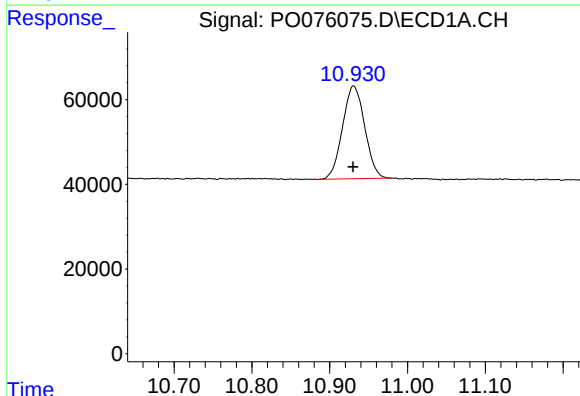
R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 657048
Conc: 11.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



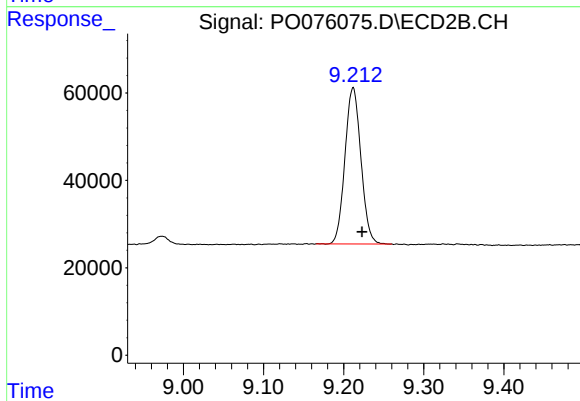
#1 Tetrachloro-m-xylene

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 541602
Conc: 12.14 ng/ml



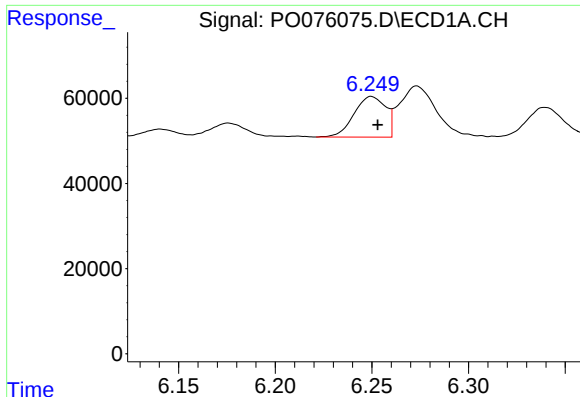
#2 Decachlorobiphenyl

R.T.: 10.931 min
Delta R.T.: 0.000 min
Response: 433872
Conc: 13.21 ng/ml



#2 Decachlorobiphenyl

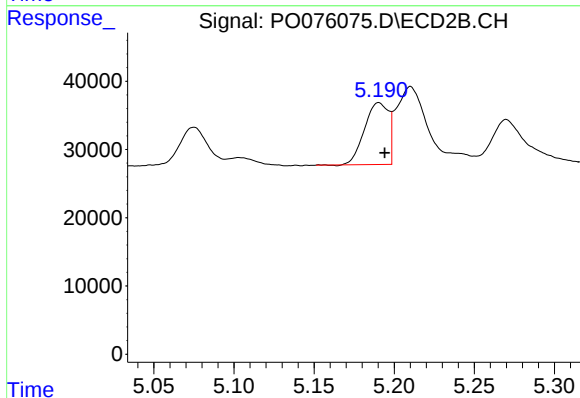
R.T.: 9.212 min
Delta R.T.: -0.011 min
Response: 494579
Conc: 13.60 ng/ml



#3 AR-1016-1

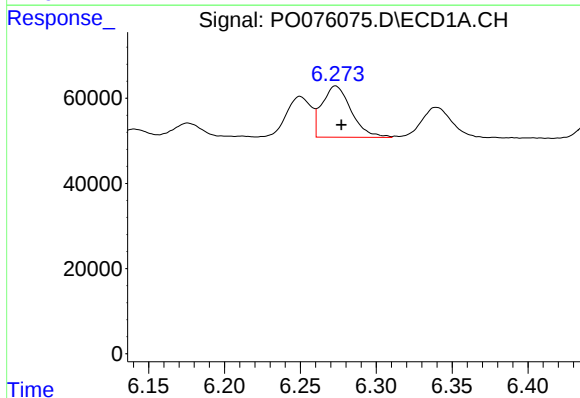
R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 109127
Conc: 60.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



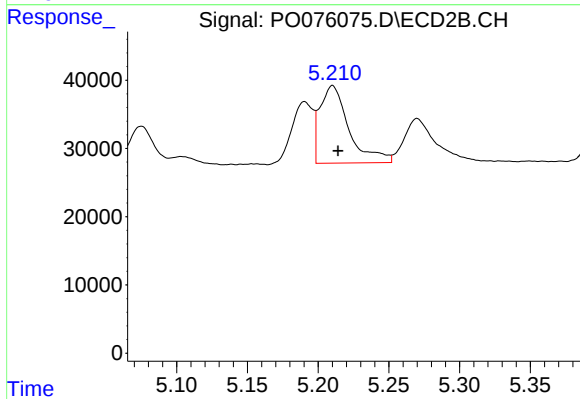
#3 AR-1016-1

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 93944
Conc: 62.57 ng/ml



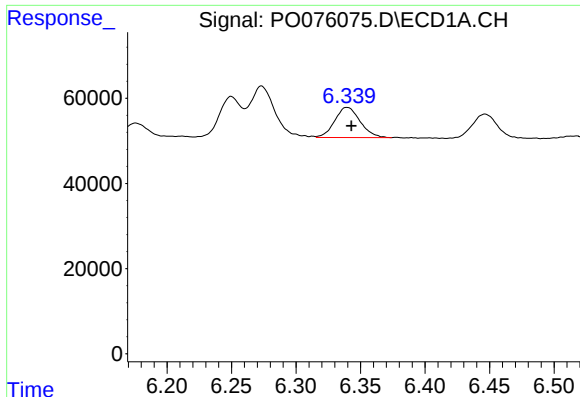
#4 AR-1016-2

R.T.: 6.273 min
Delta R.T.: -0.004 min
Response: 160993
Conc: 57.49 ng/ml



#4 AR-1016-2

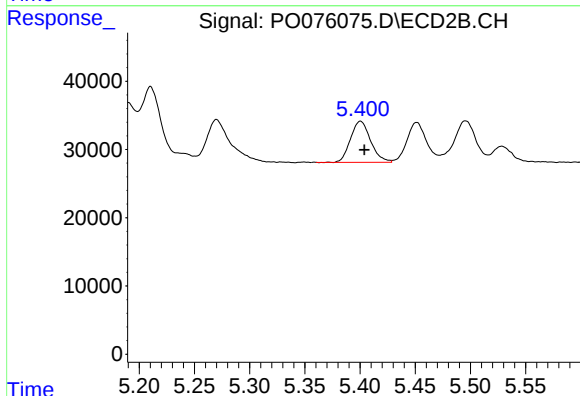
R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 162369
Conc: 68.04 ng/ml



#5 AR-1016-3

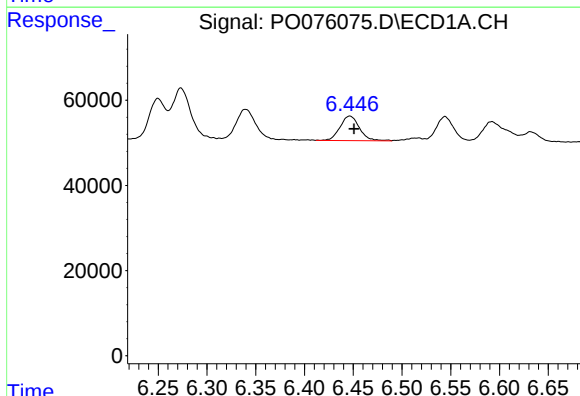
R.T.: 6.339 min
Delta R.T.: -0.004 min
Response: 97165
Conc: 58.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



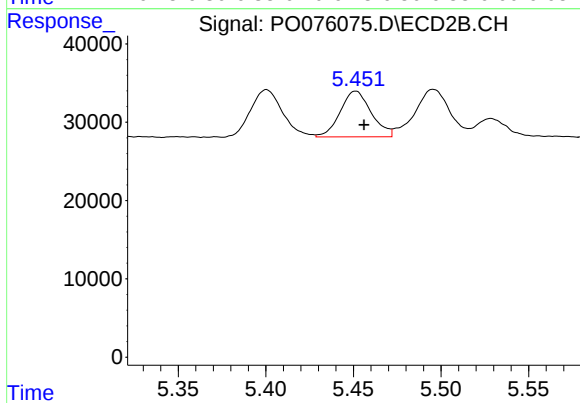
#5 AR-1016-3

R.T.: 5.400 min
Delta R.T.: -0.004 min
Response: 76435
Conc: 63.30 ng/ml



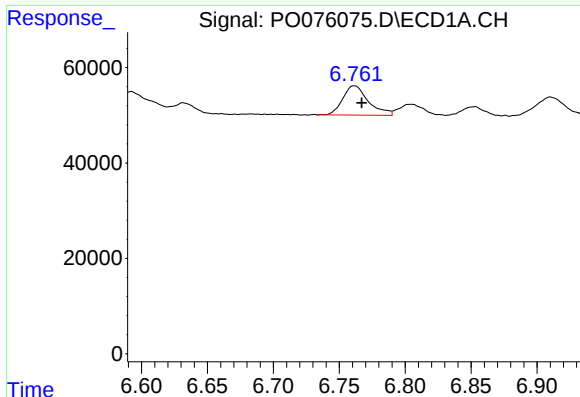
#6 AR-1016-4

R.T.: 6.447 min
Delta R.T.: -0.004 min
Response: 79876
Conc: 60.52 ng/ml



#6 AR-1016-4

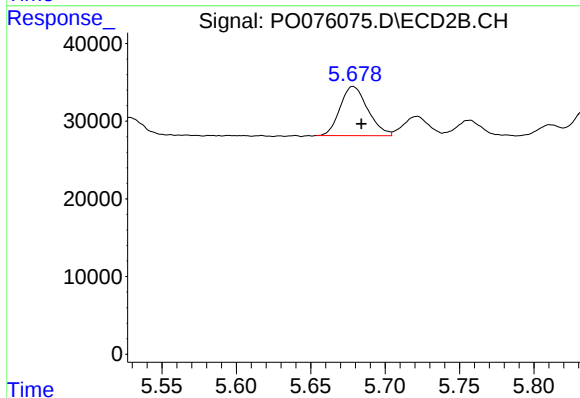
R.T.: 5.451 min
Delta R.T.: -0.005 min
Response: 71977
Conc: 68.58 ng/ml



#7 AR-1016-5

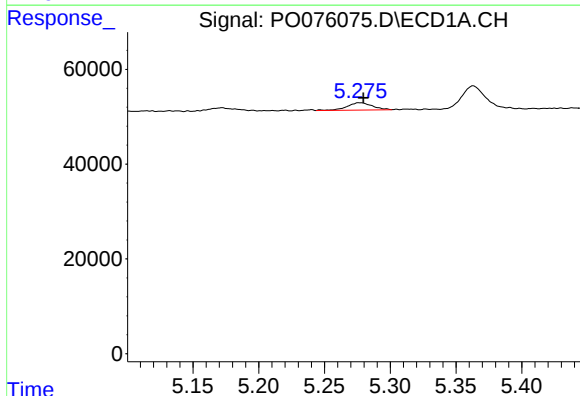
R.T.: 6.761 min
Delta R.T.: -0.006 min
Response: 82794
Conc: 62.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



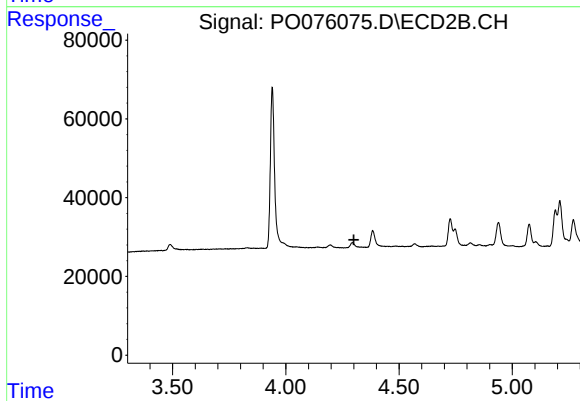
#7 AR-1016-5

R.T.: 5.678 min
Delta R.T.: -0.006 min
Response: 81981
Conc: 64.47 ng/ml



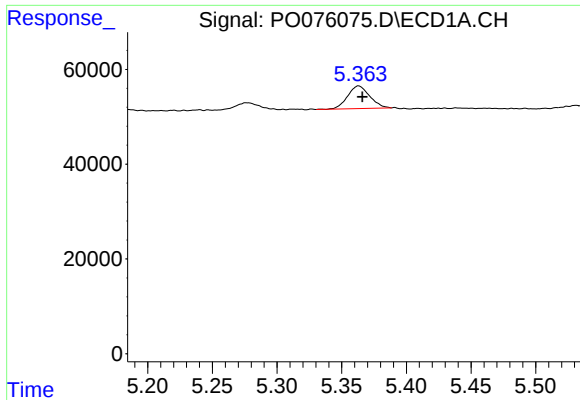
#9 AR-1221-2

R.T.: 5.276 min
Delta R.T.: -0.003 min
Response: 21217
Conc: 46.26 ng/ml



#9 AR-1221-2

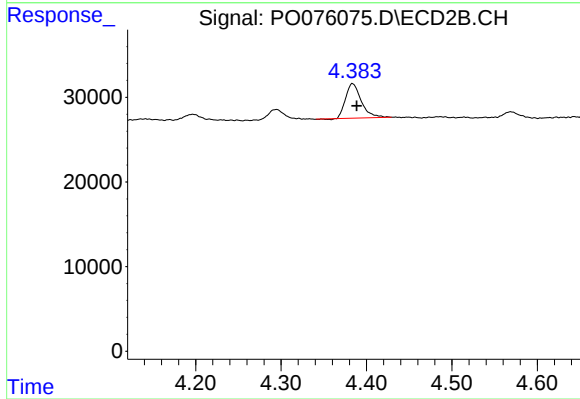
R.T.: 0.000 min
Exp R.T. : 4.301 min
Response: 0
Conc: N.D.



#10 AR-1221-3

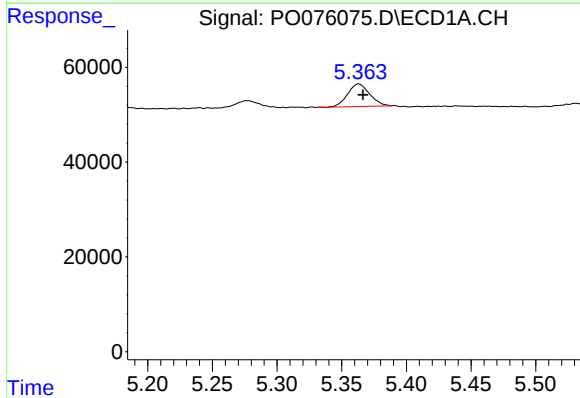
R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 57119
Conc: 37.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



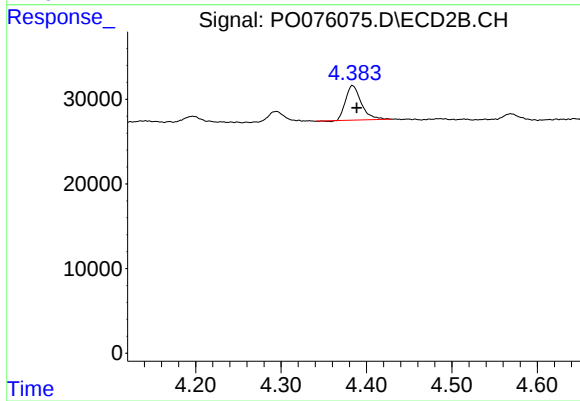
#10 AR-1221-3

R.T.: 4.384 min
Delta R.T.: -0.005 min
Response: 52030
Conc: 43.27 ng/ml



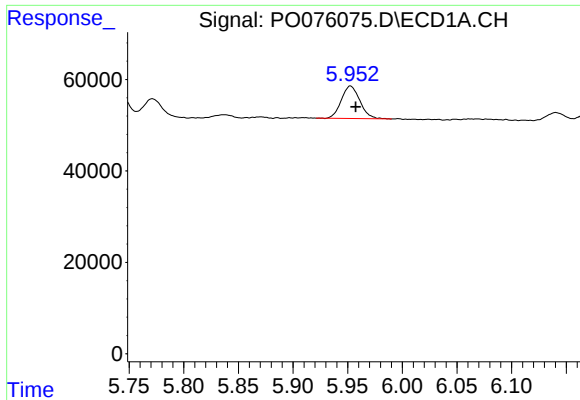
#11 AR-1232-1

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 57119
Conc: 47.26 ng/ml



#11 AR-1232-1

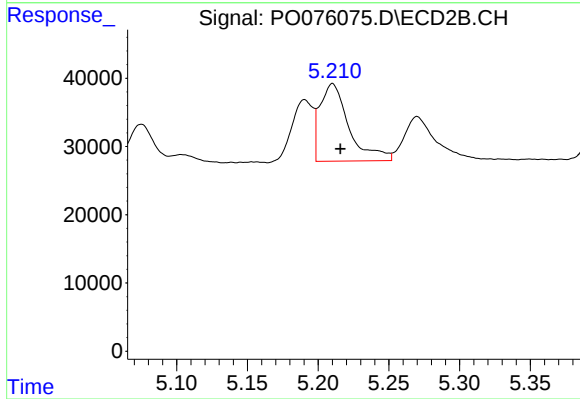
R.T.: 4.384 min
Delta R.T.: -0.005 min
Response: 52030
Conc: 51.81 ng/ml



#12 AR-1232-2

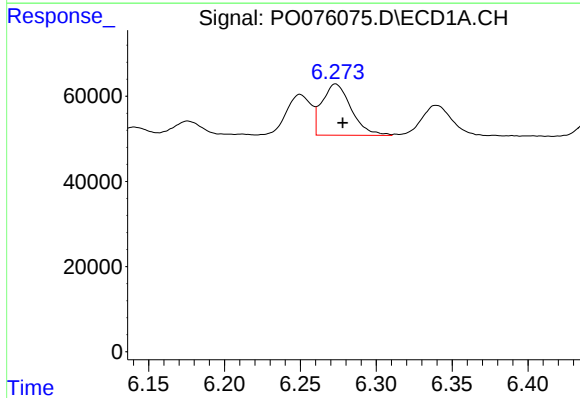
R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 84342
Conc: 134.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



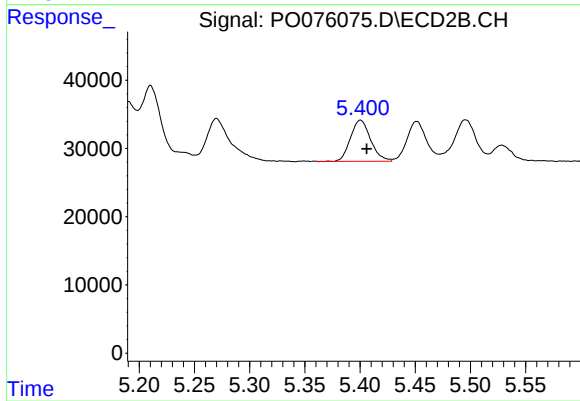
#12 AR-1232-2

R.T.: 5.210 min
Delta R.T.: -0.006 min
Response: 162369
Conc: 149.37 ng/ml



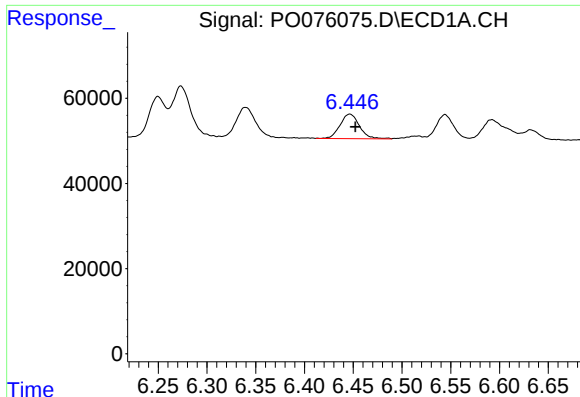
#13 AR-1232-3

R.T.: 6.273 min
Delta R.T.: -0.005 min
Response: 160993
Conc: 138.10 ng/ml



#13 AR-1232-3

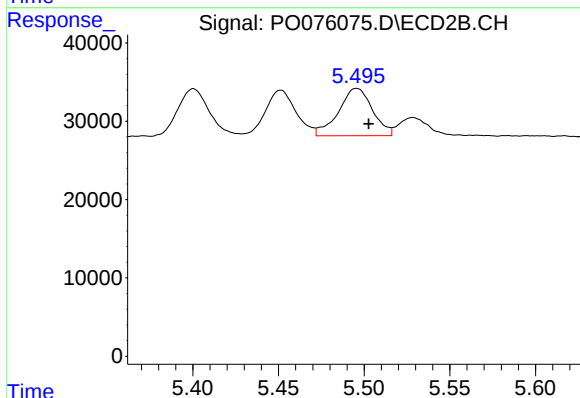
R.T.: 5.400 min
Delta R.T.: -0.006 min
Response: 76435
Conc: 150.25 ng/ml



#14 AR-1232-4

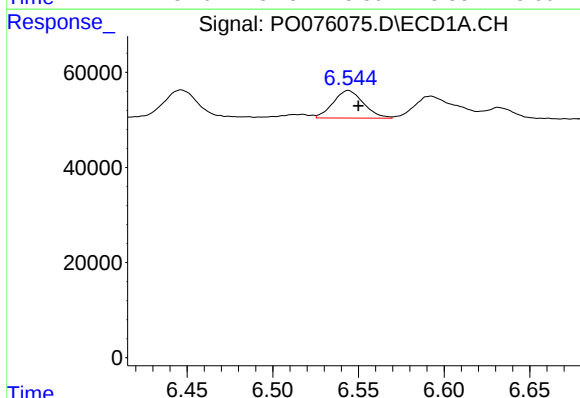
R.T.: 6.447 min
Delta R.T.: -0.006 min
Response: 79876
Conc: 135.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



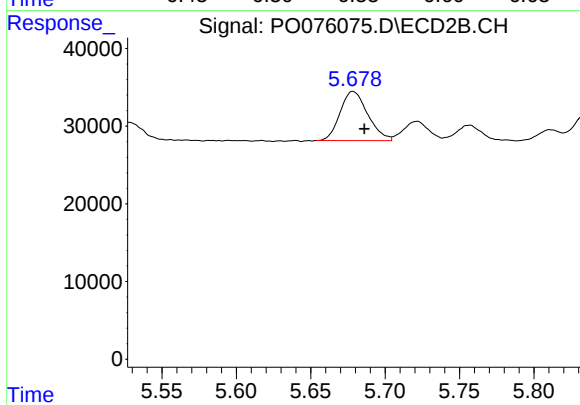
#14 AR-1232-4

R.T.: 5.496 min
Delta R.T.: -0.007 min
Response: 83557
Conc: 181.24 ng/ml



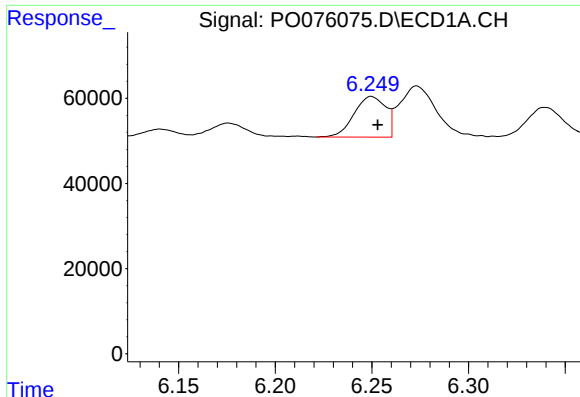
#15 AR-1232-5

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 71655
Conc: 179.30 ng/ml



#15 AR-1232-5

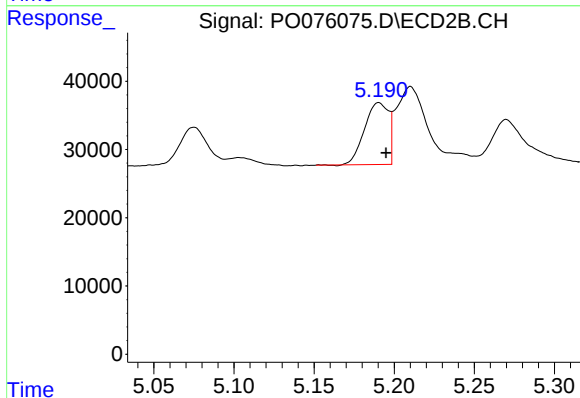
R.T.: 5.678 min
Delta R.T.: -0.008 min
Response: 81981
Conc: 164.14 ng/ml



#16 AR-1242-1

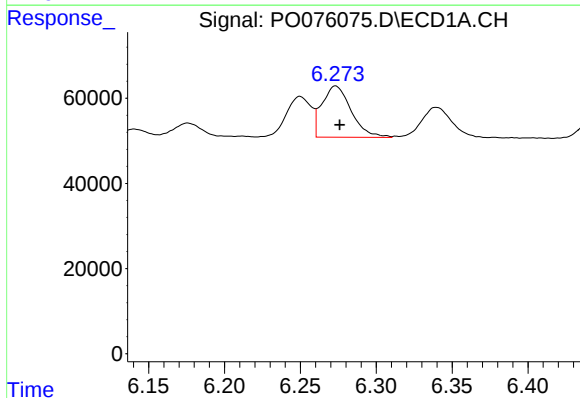
R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 109127
Conc: 74.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



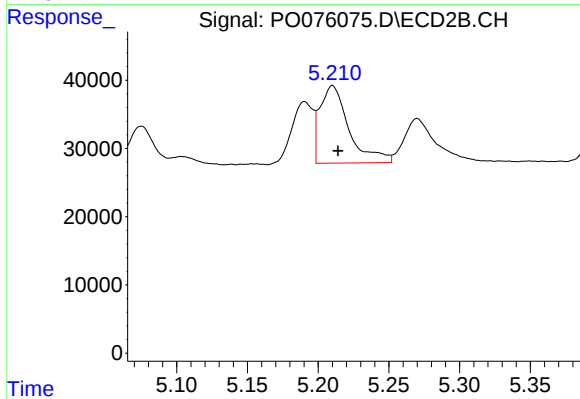
#16 AR-1242-1

R.T.: 5.190 min
Delta R.T.: -0.005 min
Response: 93944
Conc: 78.99 ng/ml



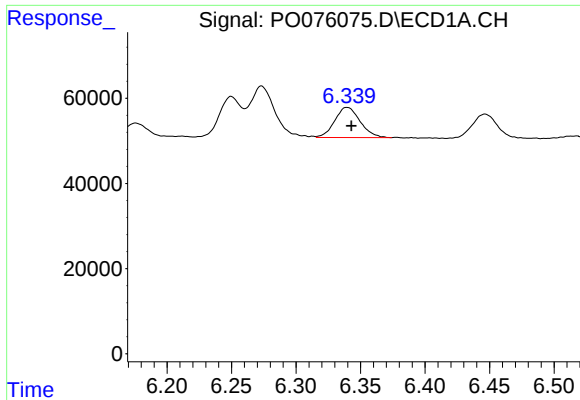
#17 AR-1242-2

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 160993
Conc: 72.17 ng/ml



#17 AR-1242-2

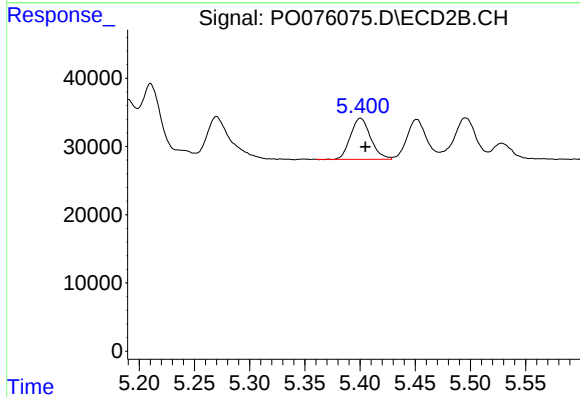
R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 162369
Conc: 83.59 ng/ml



#18 AR-1242-3

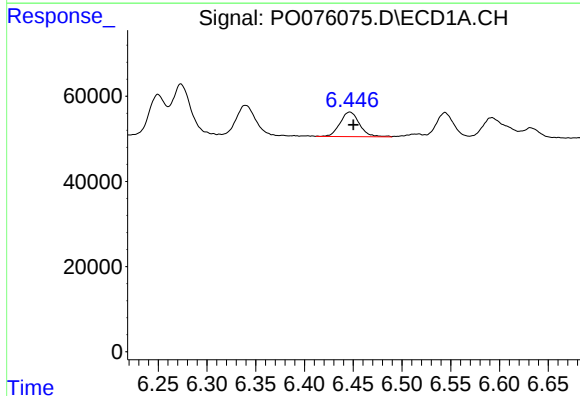
R.T.: 6.339 min
Delta R.T.: -0.004 min
Response: 97165
Conc: 71.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



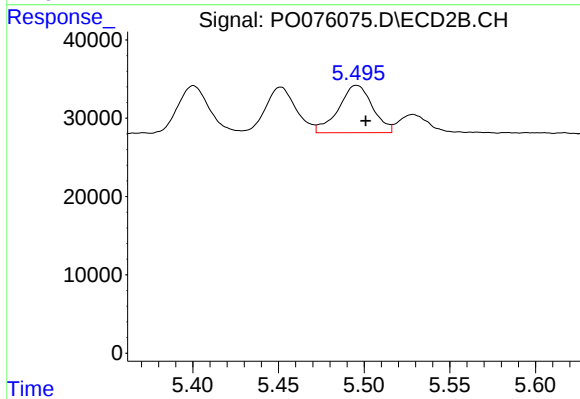
#18 AR-1242-3

R.T.: 5.400 min
Delta R.T.: -0.005 min
Response: 76435
Conc: 78.09 ng/ml



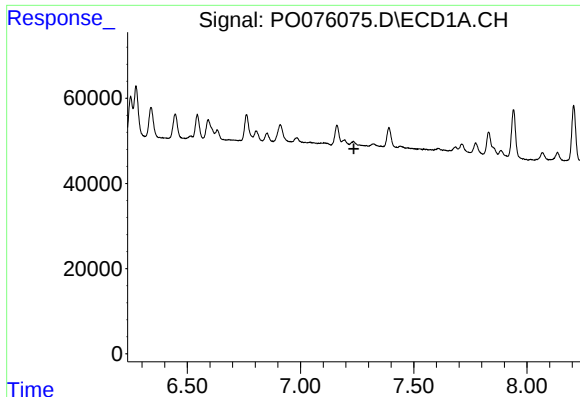
#19 AR-1242-4

R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 79876
Conc: 74.95 ng/ml



#19 AR-1242-4

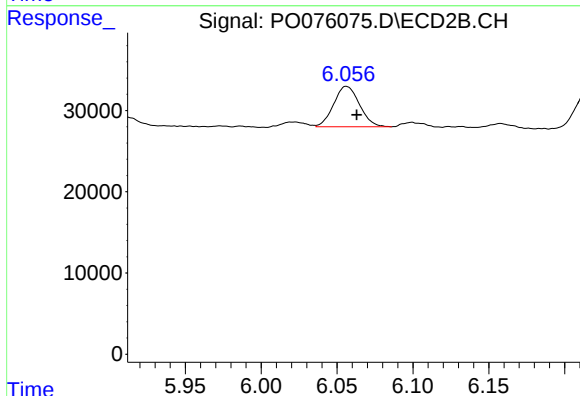
R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 83557
Conc: 85.17 ng/ml



#20 AR-1242-5

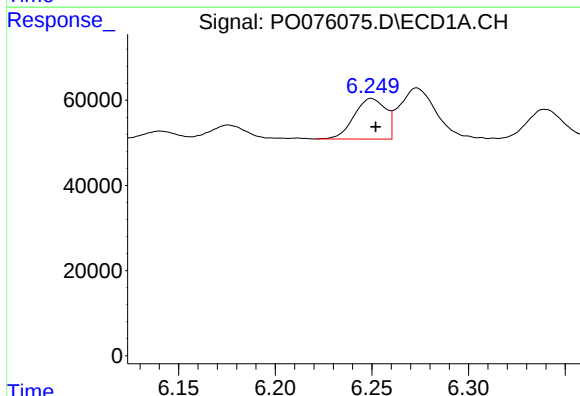
R.T.: 0.000 min
Exp R.T.: 7.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



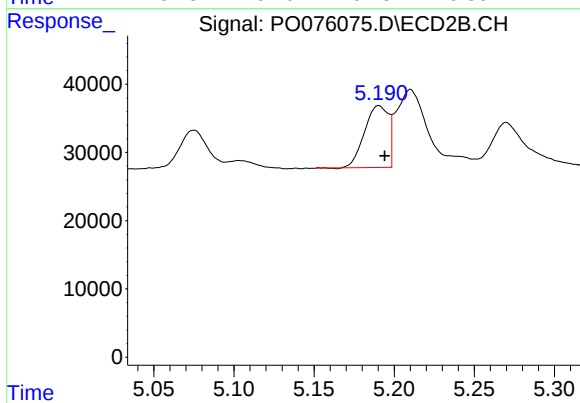
#20 AR-1242-5

R.T.: 6.056 min
Delta R.T.: -0.007 min
Response: 58860
Conc: 49.77 ng/ml



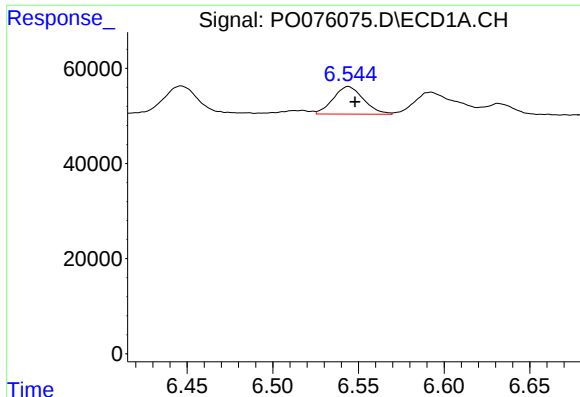
#21 AR-1248-1

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 109127
Conc: 100.12 ng/ml



#21 AR-1248-1

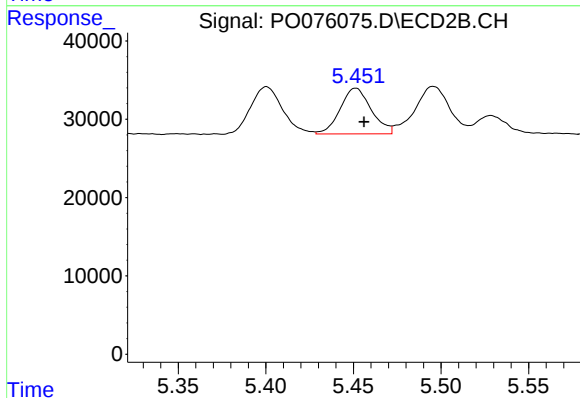
R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 93944
Conc: 101.80 ng/ml



#22 AR-1248-2

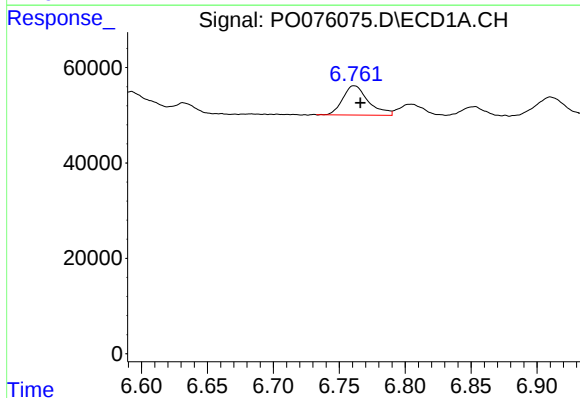
R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 71655
Conc: 45.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



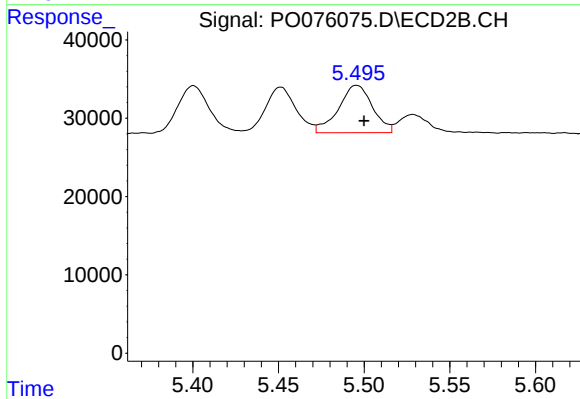
#22 AR-1248-2

R.T.: 5.451 min
Delta R.T.: -0.005 min
Response: 71977
Conc: 50.31 ng/ml



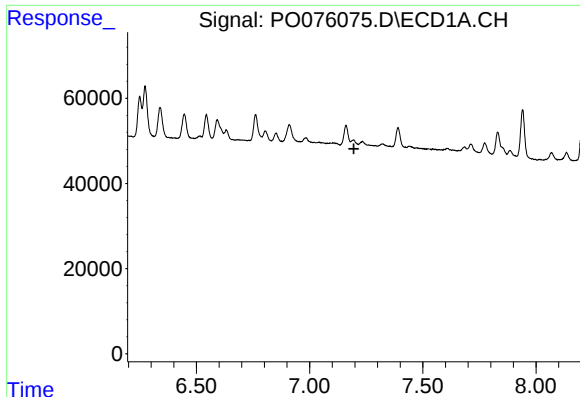
#23 AR-1248-3

R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 82794
Conc: 46.09 ng/ml



#23 AR-1248-3

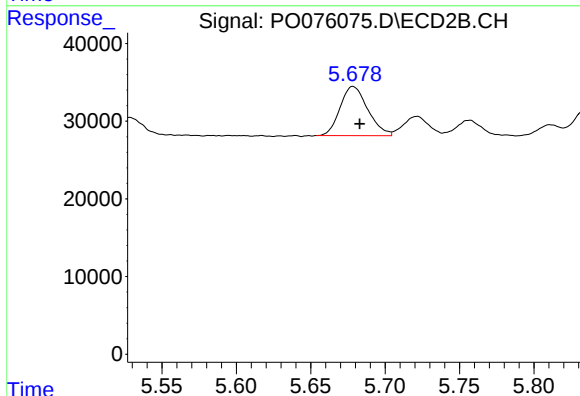
R.T.: 5.496 min
Delta R.T.: -0.004 min
Response: 83557
Conc: 56.74 ng/ml



#24 AR-1248-4

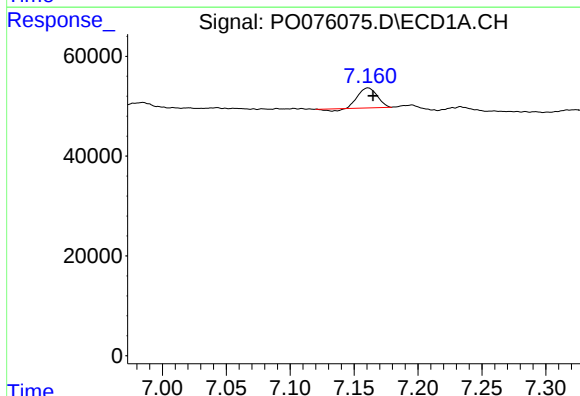
R.T.: 0.000 min
Exp R.T.: 7.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



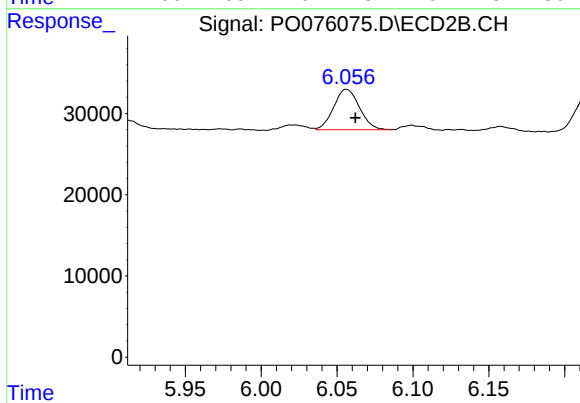
#24 AR-1248-4

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 81981
Conc: 48.53 ng/ml



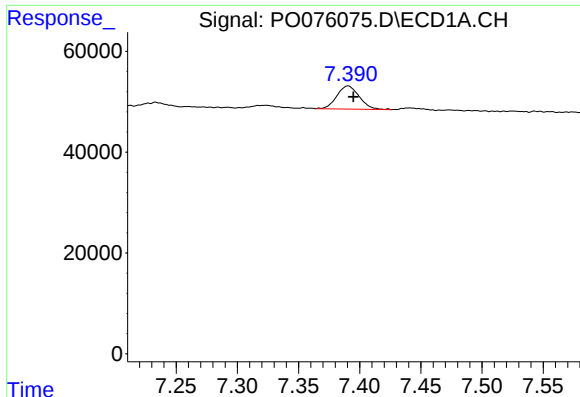
#26 AR-1254-1

R.T.: 7.161 min
Delta R.T.: -0.004 min
Response: 40139
Conc: 19.31 ng/ml



#26 AR-1254-1

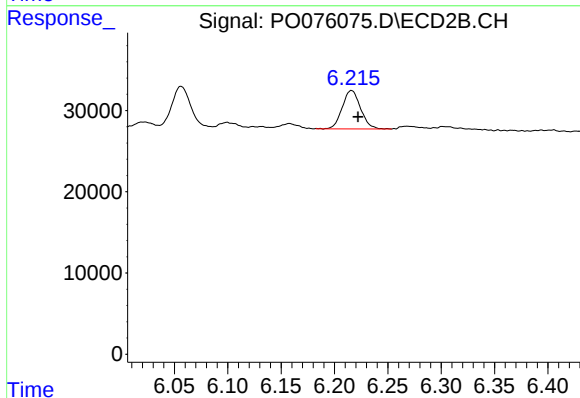
R.T.: 6.056 min
Delta R.T.: -0.006 min
Response: 58860
Conc: 22.64 ng/ml



#27 AR-1254-2

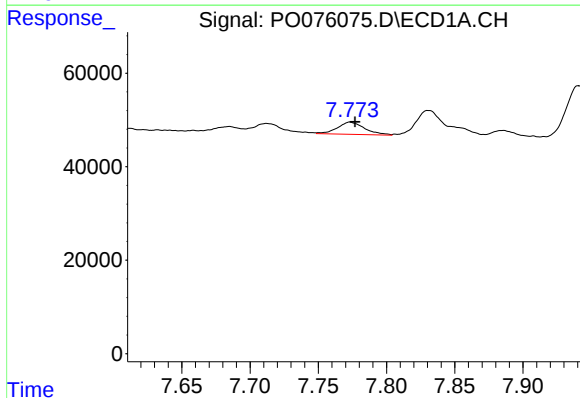
R.T.: 7.391 min
Delta R.T.: -0.004 min
Response: 58537
Conc: 18.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



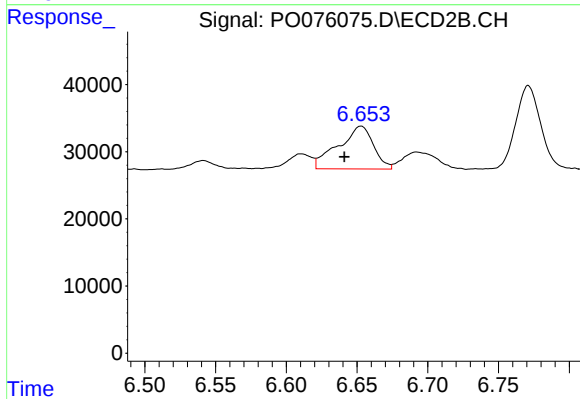
#27 AR-1254-2

R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 56826
Conc: 24.75 ng/ml



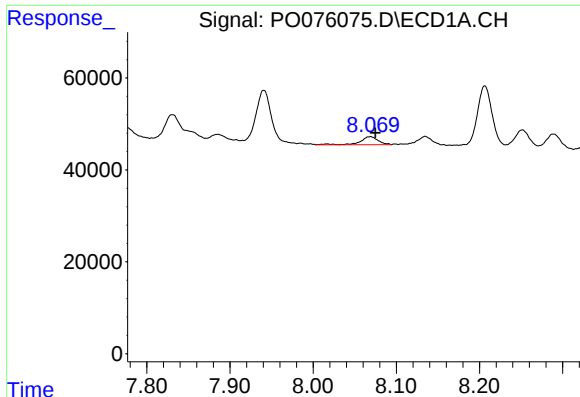
#28 AR-1254-3

R.T.: 7.773 min
Delta R.T.: -0.004 min
Response: 36383
Conc: 11.66 ng/ml



#28 AR-1254-3

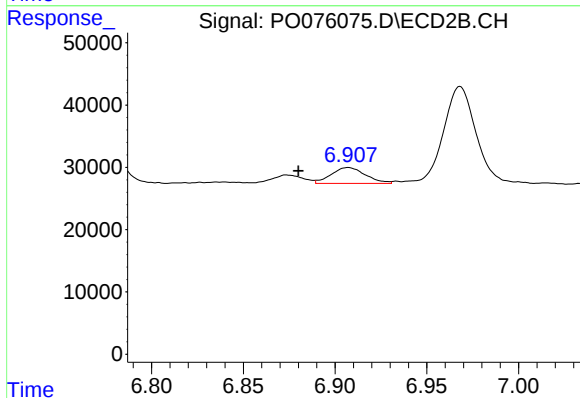
R.T.: 6.653 min
Delta R.T.: 0.012 min
Response: 110081
Conc: 31.64 ng/ml



#29 AR-1254-4

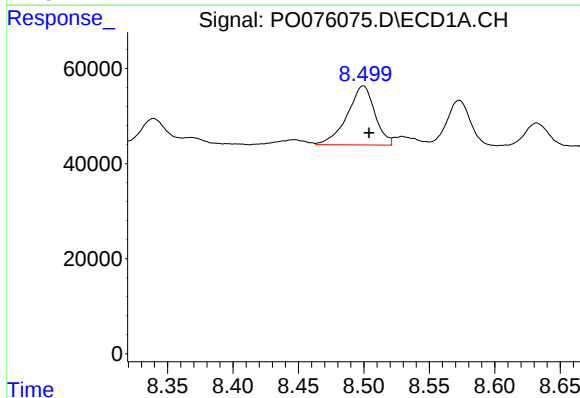
R.T.: 8.069 min
Delta R.T.: -0.006 min
Response: 26036
Conc: 11.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



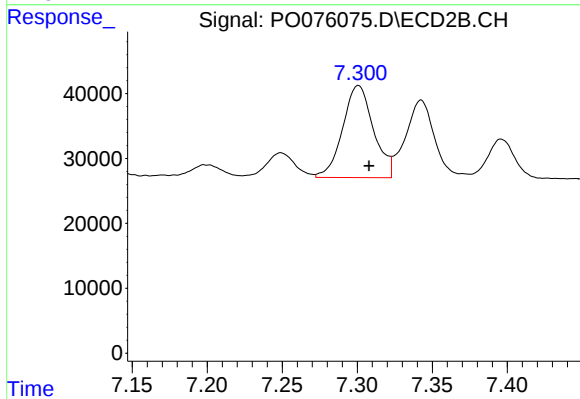
#29 AR-1254-4

R.T.: 6.907 min
Delta R.T.: 0.027 min
Response: 32962
Conc: 15.58 ng/ml



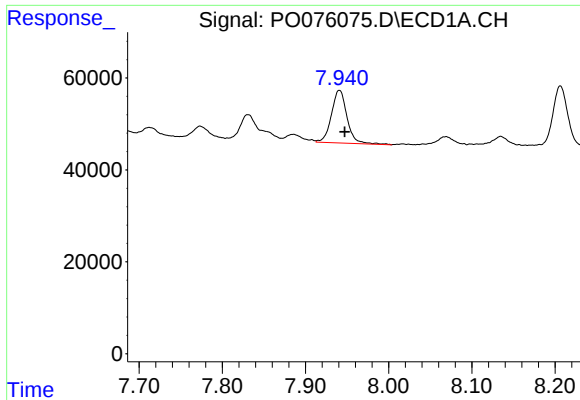
#30 AR-1254-5

R.T.: 8.499 min
Delta R.T.: -0.005 min
Response: 182244
Conc: 80.07 ng/ml



#30 AR-1254-5

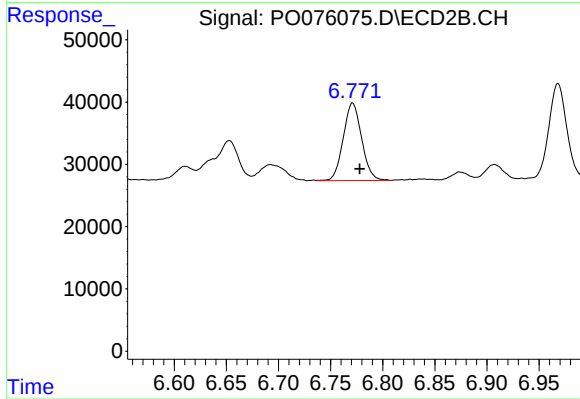
R.T.: 7.301 min
Delta R.T.: -0.007 min
Response: 202947
Conc: 65.29 ng/ml



#31 AR-1260-1

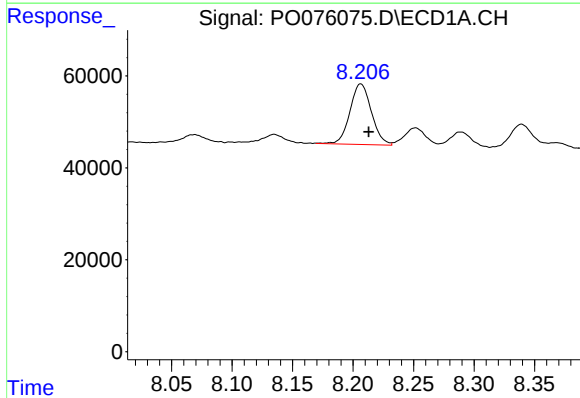
R.T.: 7.941 min
Delta R.T.: -0.006 min
Response: 149121
Conc: 70.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



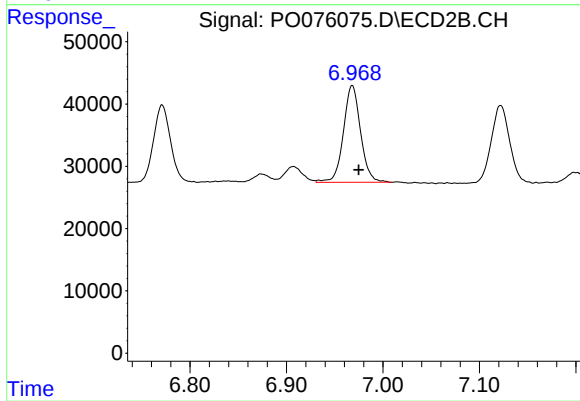
#31 AR-1260-1

R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 153102
Conc: 67.46 ng/ml



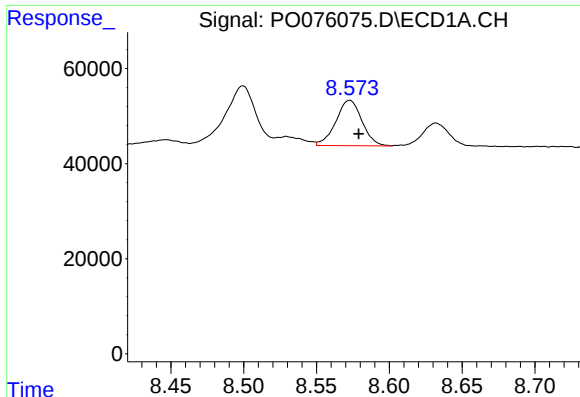
#32 AR-1260-2

R.T.: 8.206 min
Delta R.T.: -0.007 min
Response: 162414
Conc: 66.99 ng/ml



#32 AR-1260-2

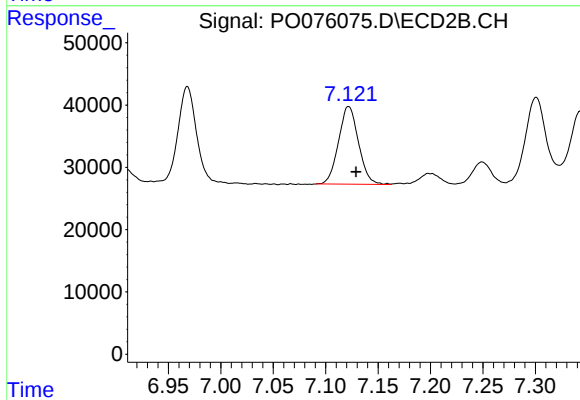
R.T.: 6.968 min
Delta R.T.: -0.007 min
Response: 192710
Conc: 69.63 ng/ml



#33 AR-1260-3

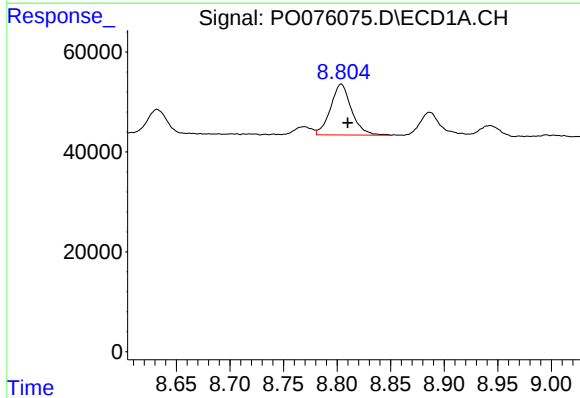
R.T.: 8.573 min
Delta R.T.: -0.006 min
Response: 118981
Conc: 65.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



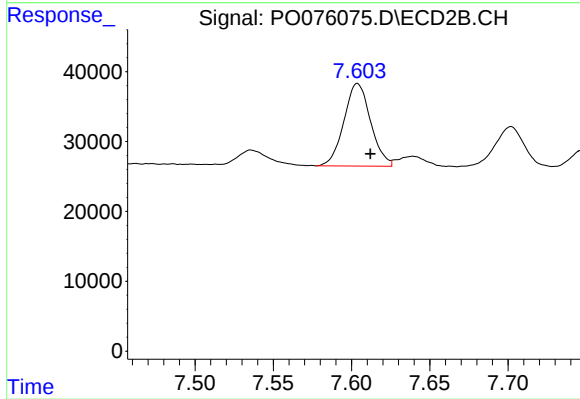
#33 AR-1260-3

R.T.: 7.122 min
Delta R.T.: -0.007 min
Response: 165592
Conc: 64.01 ng/ml



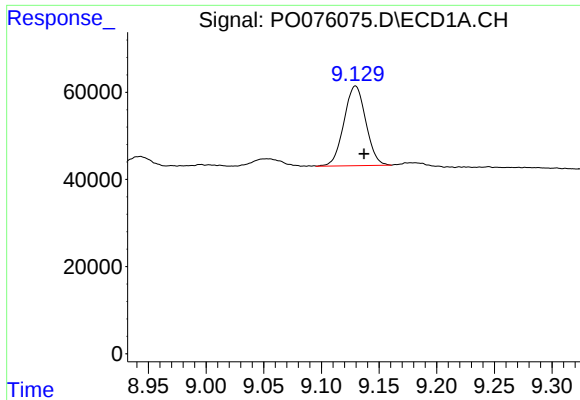
#34 AR-1260-4

R.T.: 8.804 min
Delta R.T.: -0.006 min
Response: 138320
Conc: 63.63 ng/ml



#34 AR-1260-4

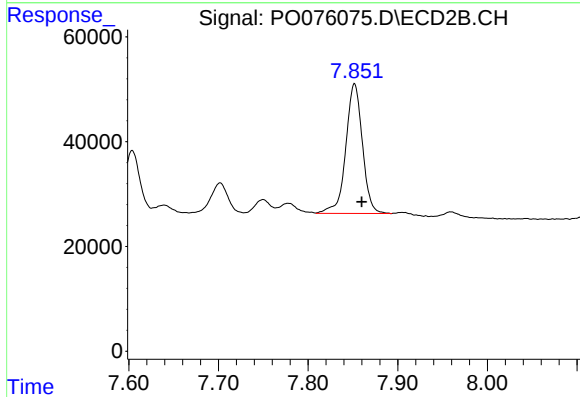
R.T.: 7.604 min
Delta R.T.: -0.008 min
Response: 140257
Conc: 66.43 ng/ml



#35 AR-1260-5

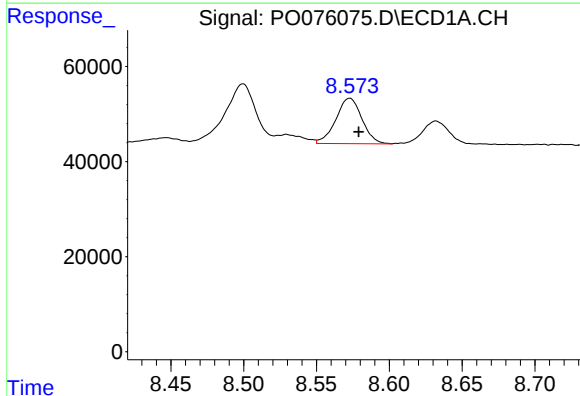
R.T.: 9.130 min
Delta R.T.: -0.007 min
Response: 240210
Conc: 63.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



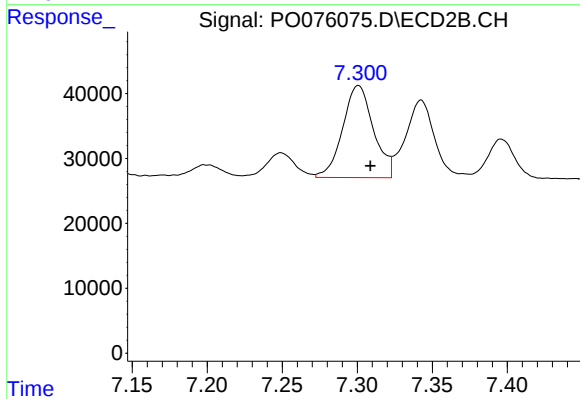
#35 AR-1260-5

R.T.: 7.852 min
Delta R.T.: -0.008 min
Response: 318983
Conc: 63.58 ng/ml



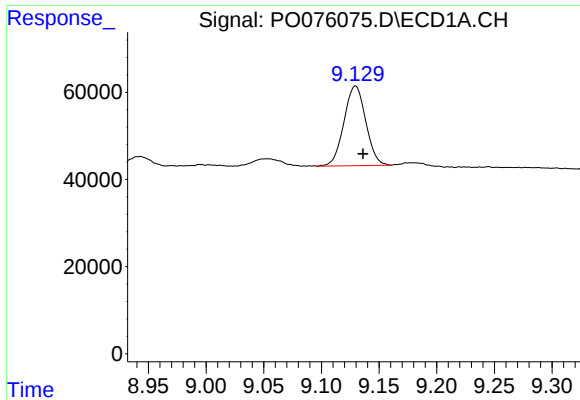
#36 AR-1262-1

R.T.: 8.573 min
Delta R.T.: -0.006 min
Response: 118981
Conc: 41.79 ng/ml



#36 AR-1262-1

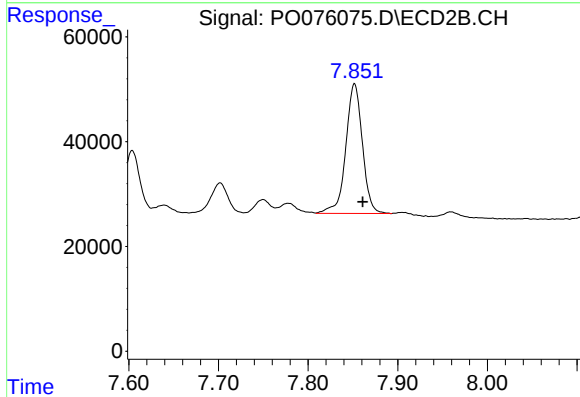
R.T.: 7.301 min
Delta R.T.: -0.008 min
Response: 202947
Conc: 117.91 ng/ml



#37 AR-1262-2

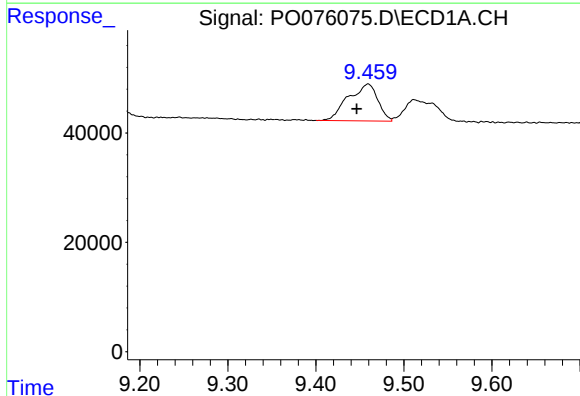
R.T.: 9.130 min
Delta R.T.: -0.007 min
Response: 240210
Conc: 52.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



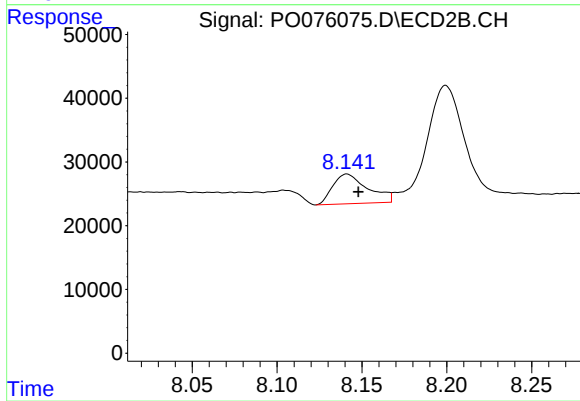
#37 AR-1262-2

R.T.: 7.852 min
Delta R.T.: -0.009 min
Response: 318983
Conc: 57.23 ng/ml



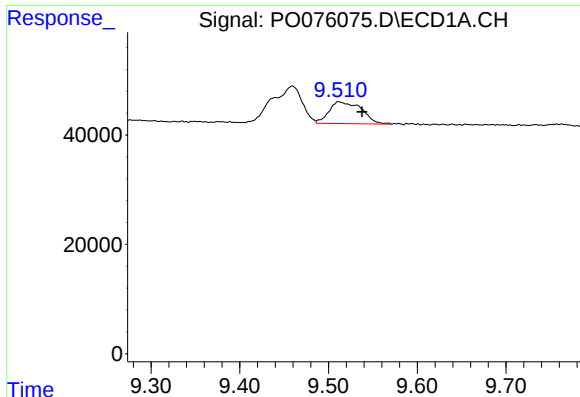
#38 AR-1262-3

R.T.: 9.459 min
Delta R.T.: 0.013 min
Response: 157226
Conc: 52.00 ng/ml



#38 AR-1262-3

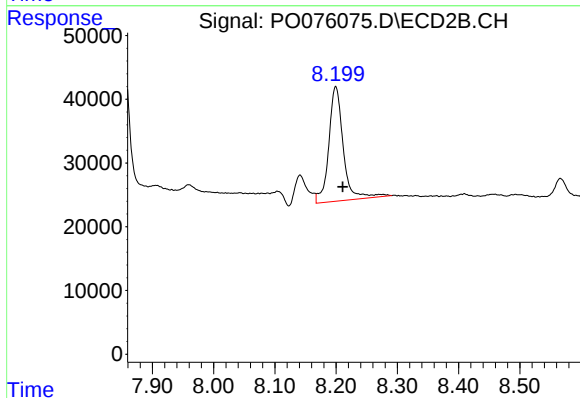
R.T.: 8.141 min
Delta R.T.: -0.007 min
Response: 66496
Conc: 28.66 ng/ml



#39 AR-1262-4

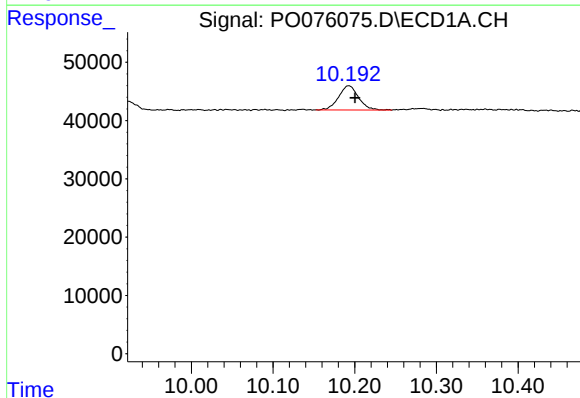
R.T.: 9.512 min
Delta R.T.: -0.026 min
Response: 101635
Conc: 44.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



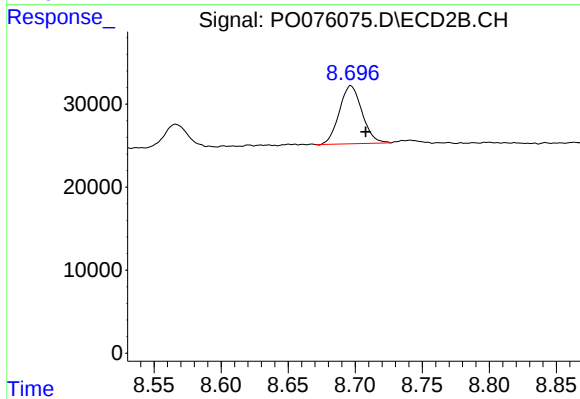
#39 AR-1262-4

R.T.: 8.199 min
Delta R.T.: -0.012 min
Response: 294650
Conc: 70.10 ng/ml



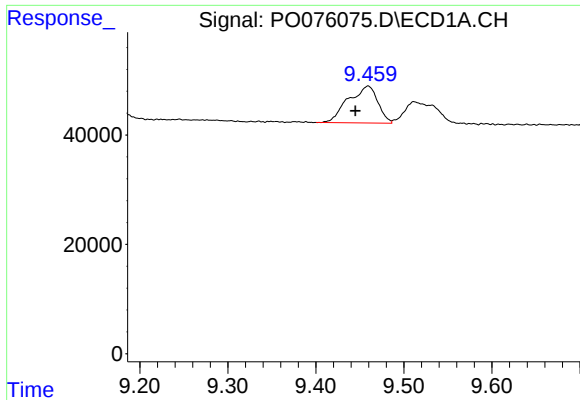
#40 AR-1262-5

R.T.: 10.193 min
Delta R.T.: -0.008 min
Response: 70371
Conc: 46.46 ng/ml



#40 AR-1262-5

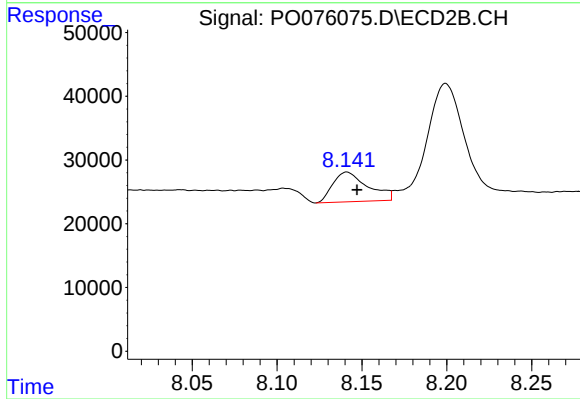
R.T.: 8.697 min
Delta R.T.: -0.011 min
Response: 82208
Conc: 45.49 ng/ml



#41 AR-1268-1

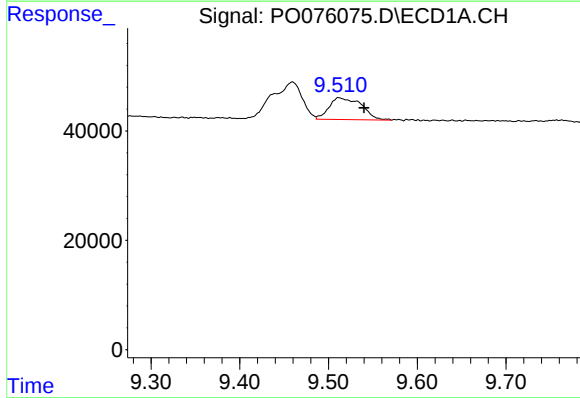
R.T.: 9.459 min
Delta R.T.: 0.015 min
Response: 157226
Conc: 29.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



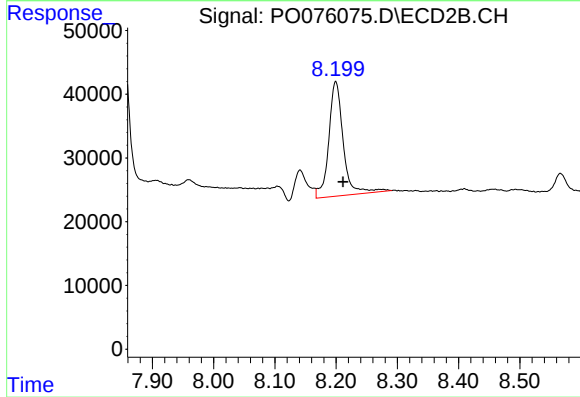
#41 AR-1268-1

R.T.: 8.141 min
Delta R.T.: -0.006 min
Response: 66496
Conc: 10.33 ng/ml



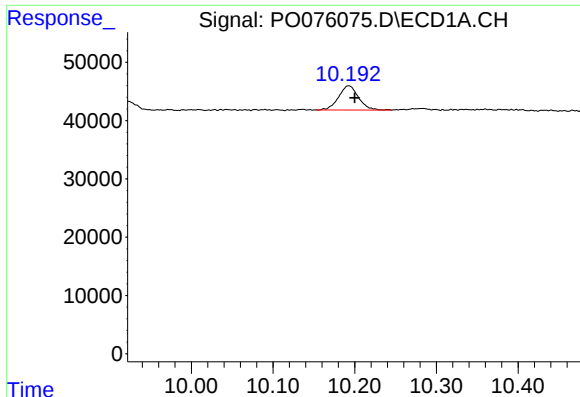
#42 AR-1268-2

R.T.: 9.512 min
Delta R.T.: -0.028 min
Response: 101635
Conc: 21.75 ng/ml



#42 AR-1268-2

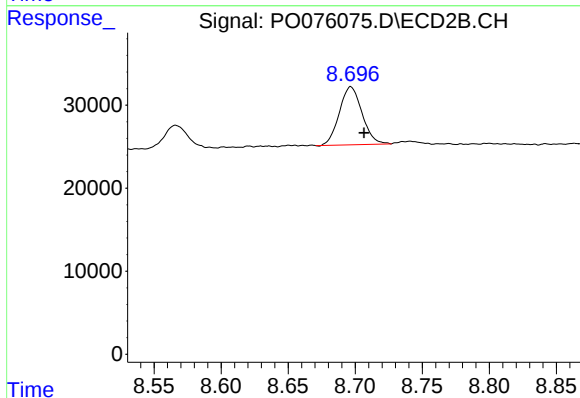
R.T.: 8.199 min
Delta R.T.: -0.012 min
Response: 294650
Conc: 49.75 ng/ml



#44 AR-1268-4

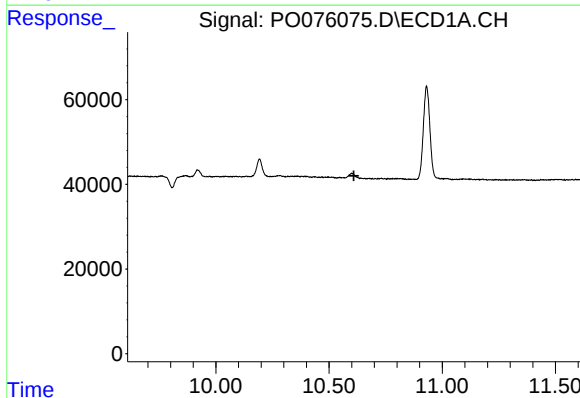
R.T.: 10.193 min
Delta R.T.: -0.007 min
Response: 70371
Conc: 44.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



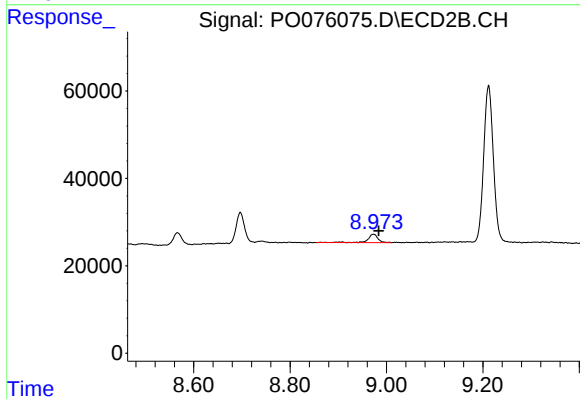
#44 AR-1268-4

R.T.: 8.697 min
Delta R.T.: -0.010 min
Response: 82208
Conc: 41.71 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.610 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.973 min
Delta R.T.: -0.011 min
Response: 28134
Conc: 1.98 ng/ml