

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030220\
 Data File : P0066895.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2020 15:18
 Operator : DD\AJ
 Sample : L1724-01DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 15:32:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 14:12:46 2020
 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...	4.114	3.401	58346	111353	1.431	2.521 #
2)	SA Decachlor...	9.586	8.283	69515	51074	1.425	1.015 #
Target Compounds							
3)	L1 AR-1016-1	5.263	4.453	142364	145295	93.187	106.468
4)	L1 AR-1016-2	5.285	4.470	291771	227062	122.600	80.329 #
5)	L1 AR-1016-3	5.345	4.642	169710	134904	123.649	107.730
6)	L1 AR-1016-4	5.441	4.685	215404	205330	181.419	199.668
7)	L1 AR-1016-5	5.731	4.893	350625	386527	332.162	303.481
8)	L2 AR-1221-1	4.287	3.596	95135	44511	233.291	94.764 #
9)	L2 AR-1221-2	4.421	3.698	92585	10056	311.734	29.120 #
10)	L2 AR-1221-3	4.478	3.751	43223	81392	42.736	72.768 #
11)	L3 AR-1232-1	4.478	3.751	43223	81392	58.868	98.168 #
12)	L3 AR-1232-2	4.995	4.470	101412	227062	281.143	221.260
13)	L3 AR-1232-3	5.285	4.642	291771	134904	351.997	292.904
14)	L3 AR-1232-4	5.441	4.725	215404	259189	554.474	639.773
15)	L3 AR-1232-5	5.532	4.893	252313	386527	942.592	932.127
16)	L4 AR-1242-1	5.263	4.453	142364	145295	137.187	159.933
17)	L4 AR-1242-2	5.285	4.470	291771	227062	183.361	122.025 #
18)	L4 AR-1242-3	5.345	4.642	169710	134904	182.933	157.712
19)	L4 AR-1242-4	5.441	4.725	215404	259189	277.287	312.008
20)	L4 AR-1242-5	6.169	5.238	1348375	1361751	1482.719	1251.093
21)	L5 AR-1248-1	5.263	4.453	142364	145295	170.295	186.254
22)	L5 AR-1248-2	5.532	4.685	252313	205330	216.076	169.754
23)	L5 AR-1248-3	5.731	4.725	350625	259189	265.123	208.918
24)	L5 AR-1248-4	6.131	4.893	1316280	386527	789.036	263.425 #
25)	L5 AR-1248-5	6.169	5.279	1348375	1316705	855.268	848.331
26)	L6 AR-1254-1	6.103	5.238	844632	1361751	529.333	590.235
27)	L6 AR-1254-2	6.323	5.384	1466755	493451	564.549	243.270 #
28)	L6 AR-1254-3	6.683	5.781	750350	798257	272.357	237.469
29)	L6 AR-1254-4	6.966	6.008	820932	725425	340.782	290.099
30)	L6 AR-1254-5	7.381	6.420	273202	270218	108.835	85.184
31)	L7 AR-1260-1	6.843	5.921	140136	523179	60.891	209.906 #
32)	L7 AR-1260-2	7.098	6.097	273018	175662	78.499	56.085 #
33)	L7 AR-1260-3	7.453	6.245	121614	192226	40.996	65.346 #
34)	L7 AR-1260-4	7.691	6.711	248212	89434	90.550	34.790 #
35)	L7 AR-1260-5	7.983	6.955	175985	242154	28.143	39.023 #
36)	L8 AR-1262-1	7.453	6.420	121614	270218	32.276	172.827 #
37)	L8 AR-1262-2	7.983	6.955	175985	242154	28.515	41.930 #
38)	L8 AR-1262-3	8.276	7.234	76778	87817	18.758	36.331 #
39)	L8 AR-1262-4	8.348	7.298	64512	251475	19.137	56.720 #
40)	L8 AR-1262-5	8.890	7.792	76495	88237	32.915	43.469 #
41)	L9 AR-1268-1	8.276	7.234	76778	87817	9.386	12.189 #

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 ALS Vial : 23 Sample Multiplier: 1

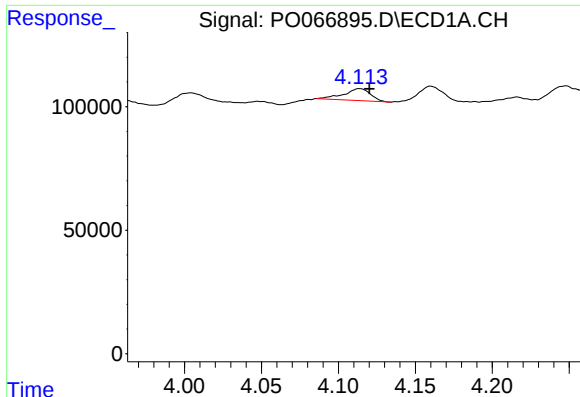
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 15:32:34 2020
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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	8.348	7.298	64512	251475	9.040	37.779 #
43) L9	AR-1268-3	0.000	7.491	0	58226	N.D.	10.515 #
44) L9	AR-1268-4	8.890	7.792	76495	88237	32.439	36.262
45) L9	AR-1268-5	0.000	8.058	0	44955	N.D.	2.558 #

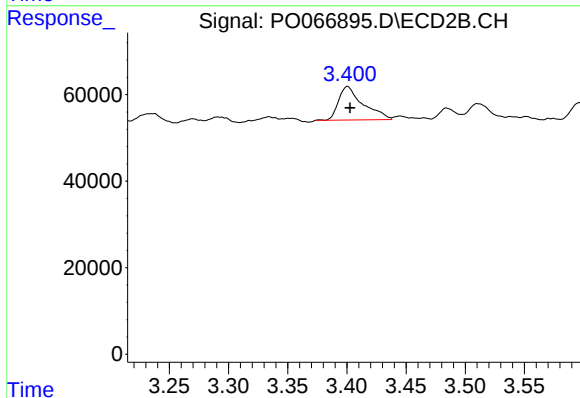
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

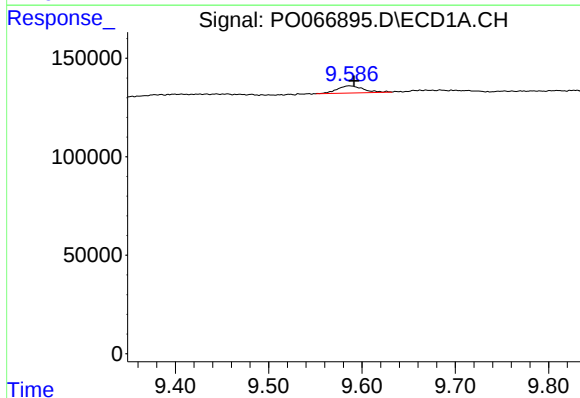
R.T.: 4.114 min
Delta R.T.: -0.006 min
Response: 58346
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



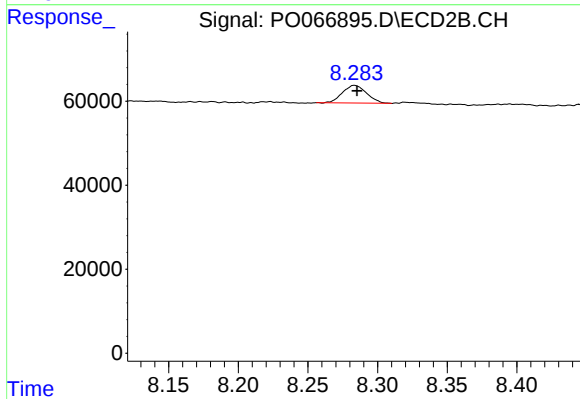
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: -0.002 min
Response: 111353
Conc: 2.52 ng/ml



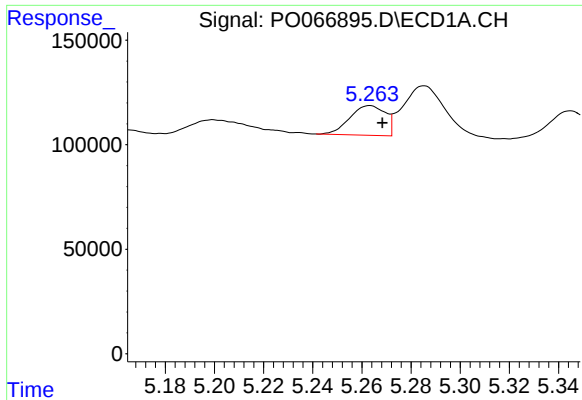
#2 Decachlorobiphenyl

R.T.: 9.586 min
Delta R.T.: -0.005 min
Response: 69515
Conc: 1.43 ng/ml



#2 Decachlorobiphenyl

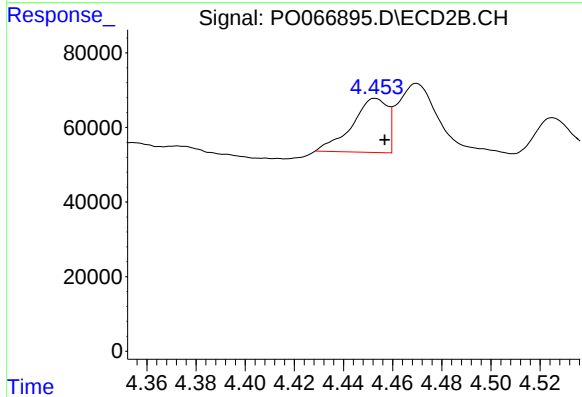
R.T.: 8.283 min
Delta R.T.: -0.002 min
Response: 51074
Conc: 1.02 ng/ml



#3 AR-1016-1

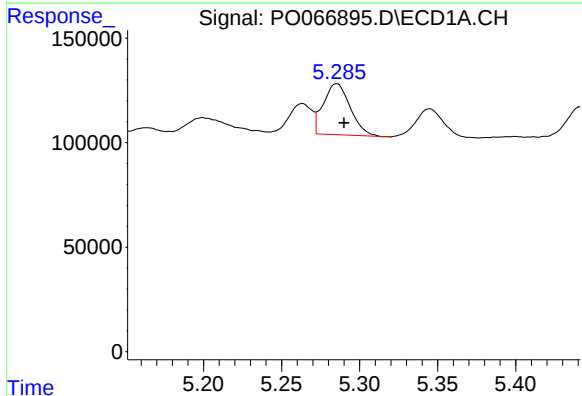
R.T.: 5.263 min
Delta R.T.: -0.005 min
Response: 142364
Conc: 93.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



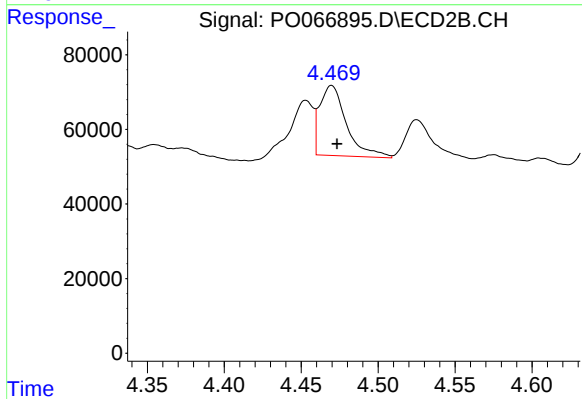
#3 AR-1016-1

R.T.: 4.453 min
Delta R.T.: -0.004 min
Response: 145295
Conc: 106.47 ng/ml



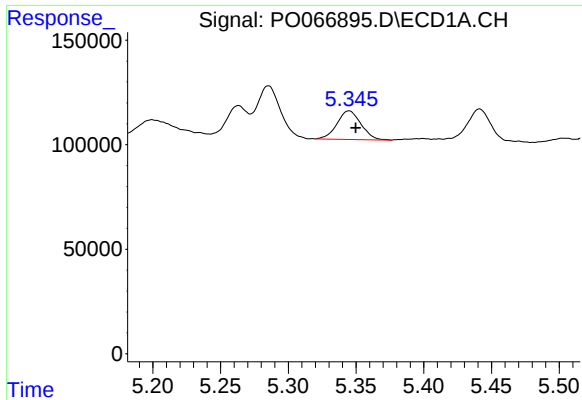
#4 AR-1016-2

R.T.: 5.285 min
Delta R.T.: -0.005 min
Response: 291771
Conc: 122.60 ng/ml



#4 AR-1016-2

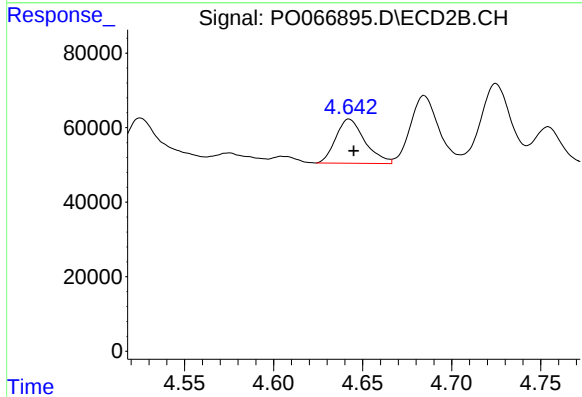
R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 227062
Conc: 80.33 ng/ml



#5 AR-1016-3

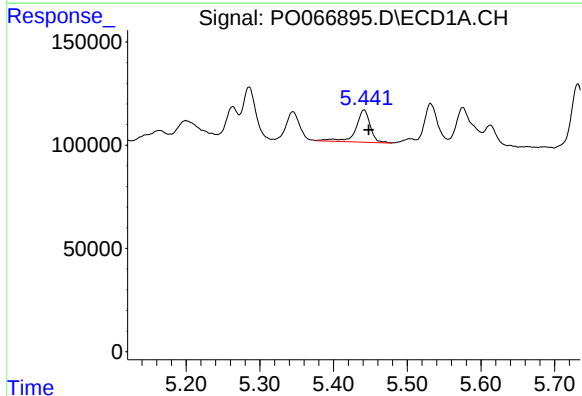
R.T.: 5.345 min
Delta R.T.: -0.005 min
Response: 169710
Conc: 123.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



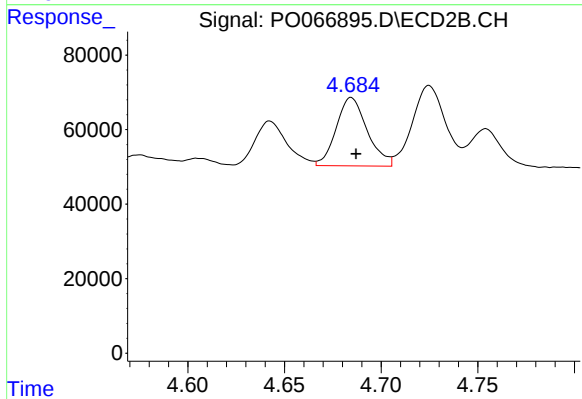
#5 AR-1016-3

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 134904
Conc: 107.73 ng/ml



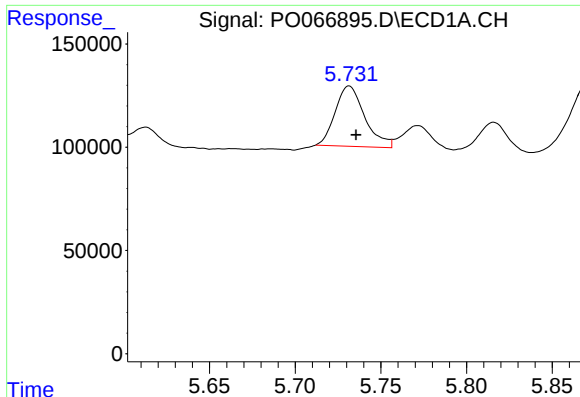
#6 AR-1016-4

R.T.: 5.441 min
Delta R.T.: -0.006 min
Response: 215404
Conc: 181.42 ng/ml



#6 AR-1016-4

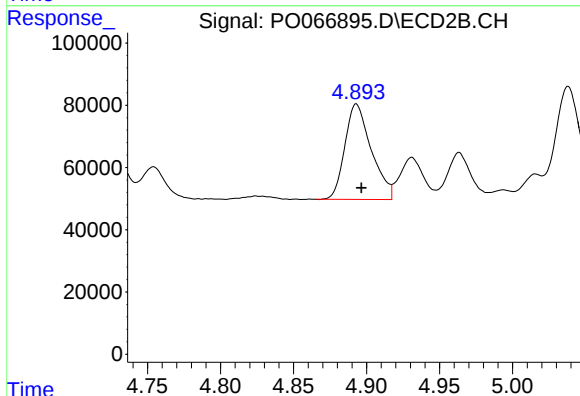
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 205330
Conc: 199.67 ng/ml



#7 AR-1016-5

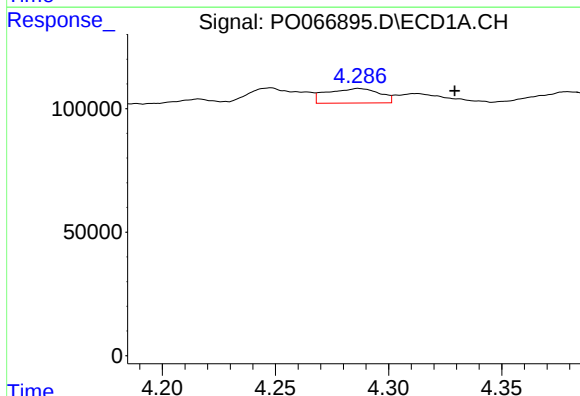
R.T.: 5.731 min
Delta R.T.: -0.004 min
Response: 350625
Conc: 332.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



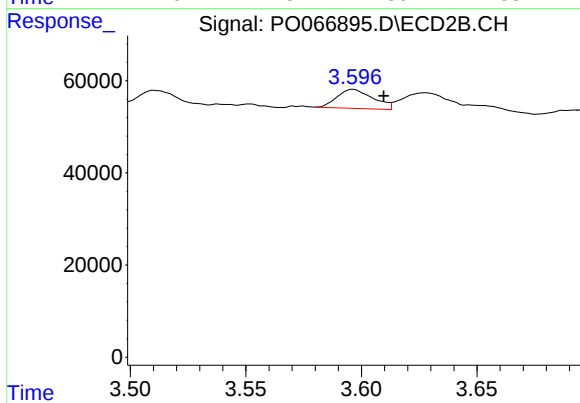
#7 AR-1016-5

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 386527
Conc: 303.48 ng/ml



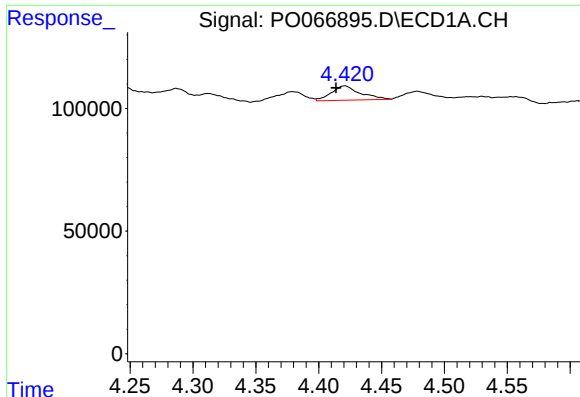
#8 AR-1221-1

R.T.: 4.287 min
Delta R.T.: -0.043 min
Response: 95135
Conc: 233.29 ng/ml



#8 AR-1221-1

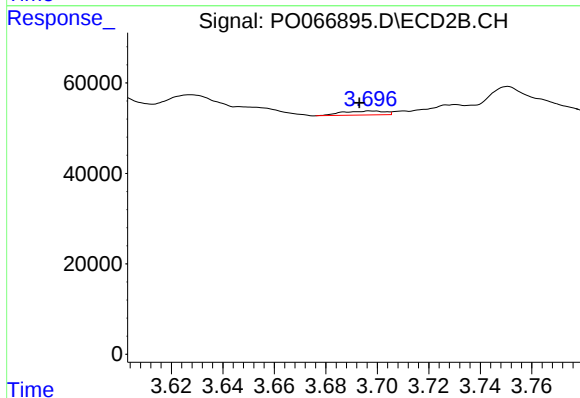
R.T.: 3.596 min
Delta R.T.: -0.013 min
Response: 44511
Conc: 94.76 ng/ml



#9 AR-1221-2

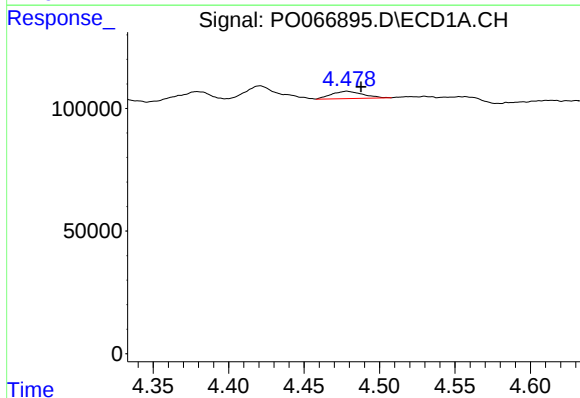
R.T.: 4.421 min
Delta R.T.: 0.007 min
Response: 92585
Conc: 311.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



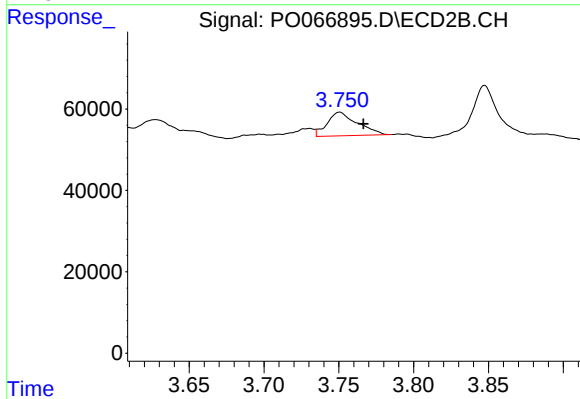
#9 AR-1221-2

R.T.: 3.698 min
Delta R.T.: 0.005 min
Response: 10056
Conc: 29.12 ng/ml



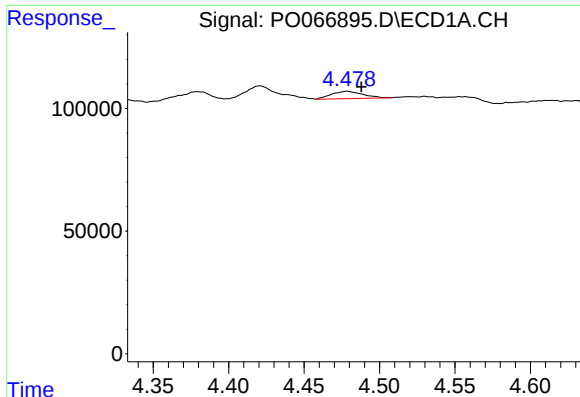
#10 AR-1221-3

R.T.: 4.478 min
Delta R.T.: -0.009 min
Response: 43223
Conc: 42.74 ng/ml



#10 AR-1221-3

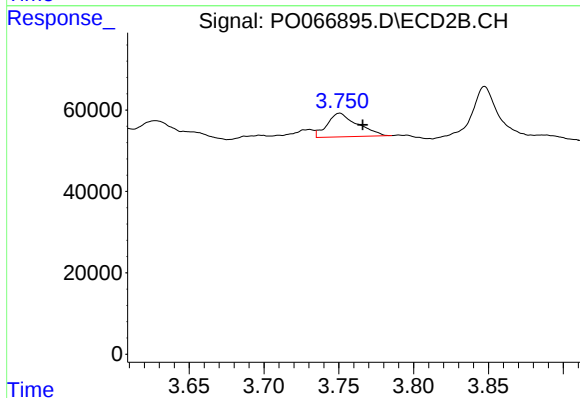
R.T.: 3.751 min
Delta R.T.: -0.016 min
Response: 81392
Conc: 72.77 ng/ml



#11 AR-1232-1

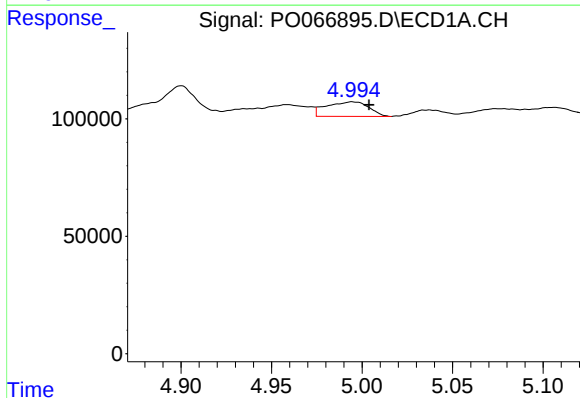
R.T.: 4.478 min
Delta R.T.: -0.010 min
Response: 43223
Conc: 58.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



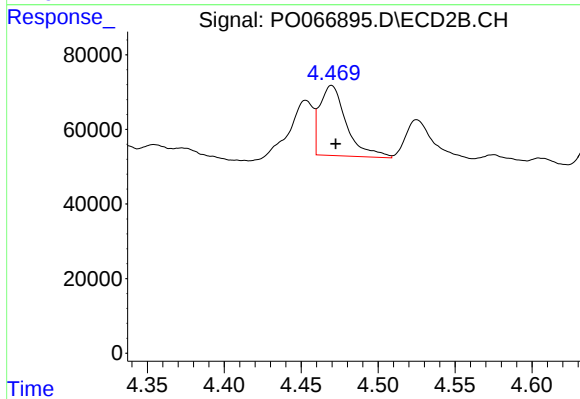
#11 AR-1232-1

R.T.: 3.751 min
Delta R.T.: -0.015 min
Response: 81392
Conc: 98.17 ng/ml



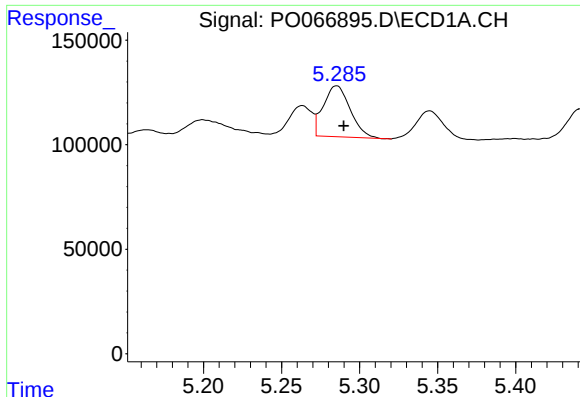
#12 AR-1232-2

R.T.: 4.995 min
Delta R.T.: -0.009 min
Response: 101412
Conc: 281.14 ng/ml



#12 AR-1232-2

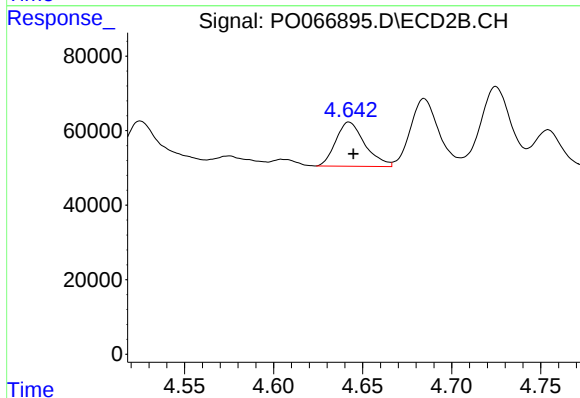
R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 227062
Conc: 221.26 ng/ml



#13 AR-1232-3

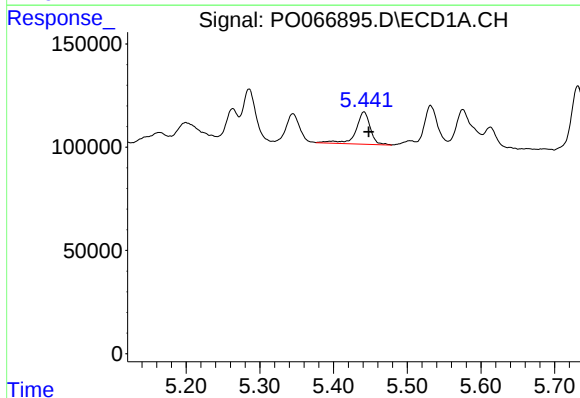
R.T.: 5.285 min
Delta R.T.: -0.005 min
Response: 291771
Conc: 352.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



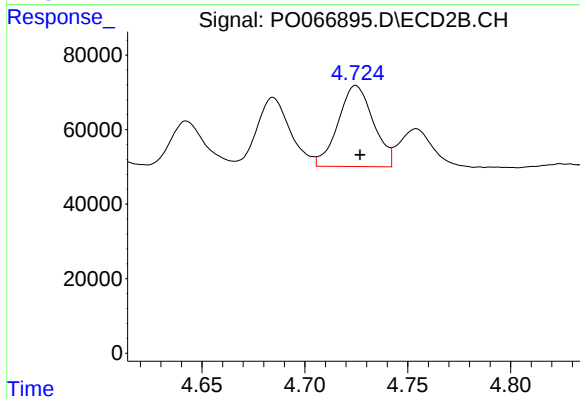
#13 AR-1232-3

R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 134904
Conc: 292.90 ng/ml



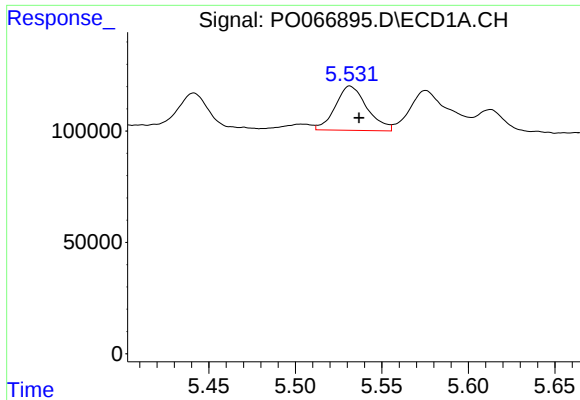
#14 AR-1232-4

R.T.: 5.441 min
Delta R.T.: -0.006 min
Response: 215404
Conc: 554.47 ng/ml



#14 AR-1232-4

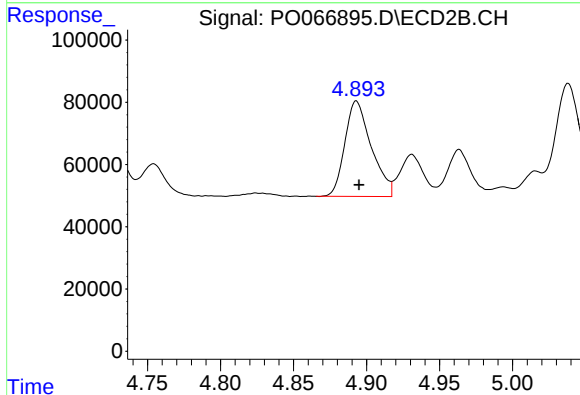
R.T.: 4.725 min
Delta R.T.: -0.002 min
Response: 259189
Conc: 639.77 ng/ml



#15 AR-1232-5

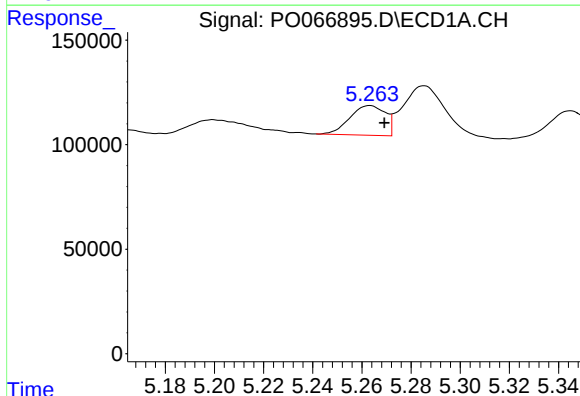
R.T.: 5.532 min
Delta R.T.: -0.005 min
Response: 252313
Conc: 942.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



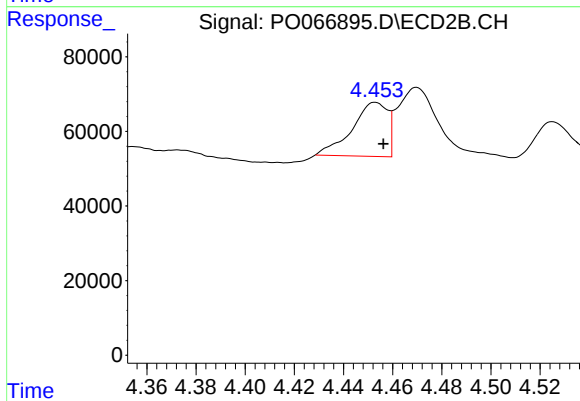
#15 AR-1232-5

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 386527
Conc: 932.13 ng/ml



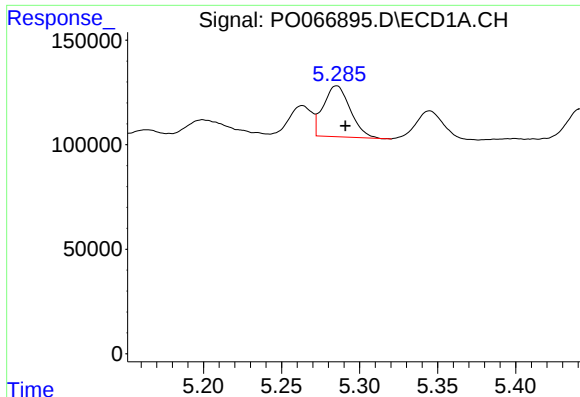
#16 AR-1242-1

R.T.: 5.263 min
Delta R.T.: -0.006 min
Response: 142364
Conc: 137.19 ng/ml



#16 AR-1242-1

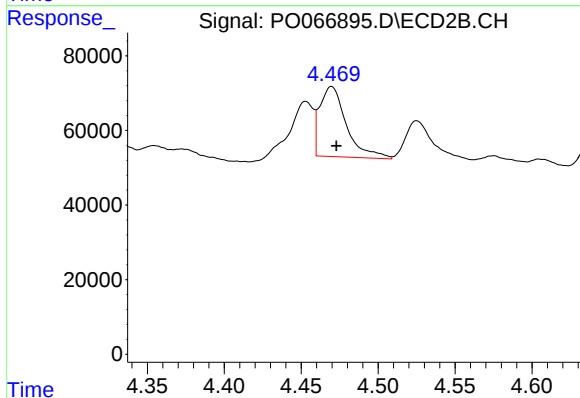
R.T.: 4.453 min
Delta R.T.: -0.003 min
Response: 145295
Conc: 159.93 ng/ml



#17 AR-1242-2

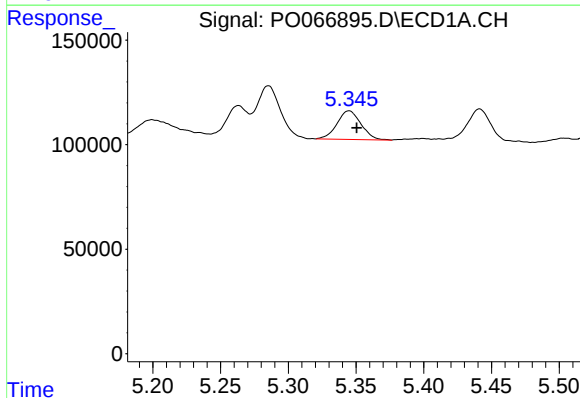
R.T.: 5.285 min
Delta R.T.: -0.005 min
Response: 291771
Conc: 183.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



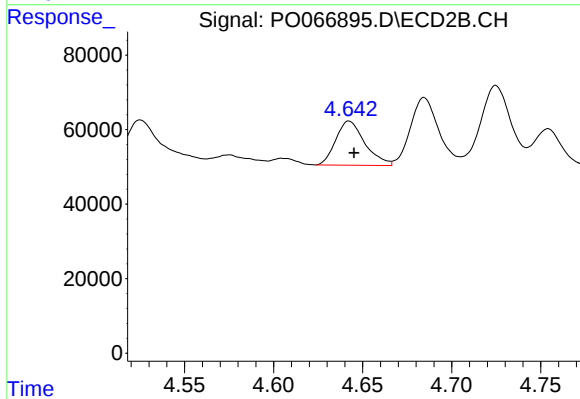
#17 AR-1242-2

R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 227062
Conc: 122.03 ng/ml



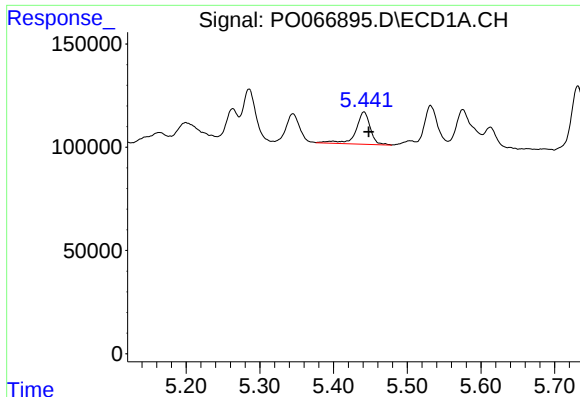
#18 AR-1242-3

R.T.: 5.345 min
Delta R.T.: -0.006 min
Response: 169710
Conc: 182.93 ng/ml



#18 AR-1242-3

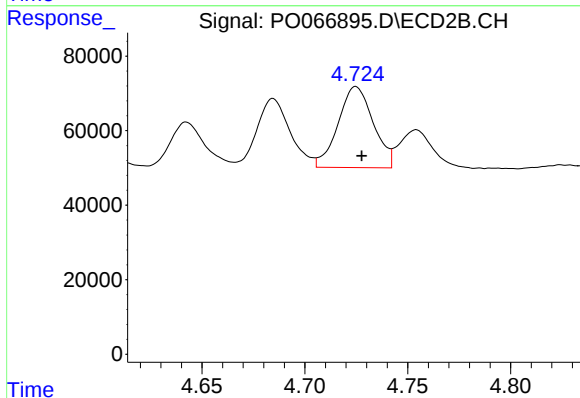
R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 134904
Conc: 157.71 ng/ml



#19 AR-1242-4

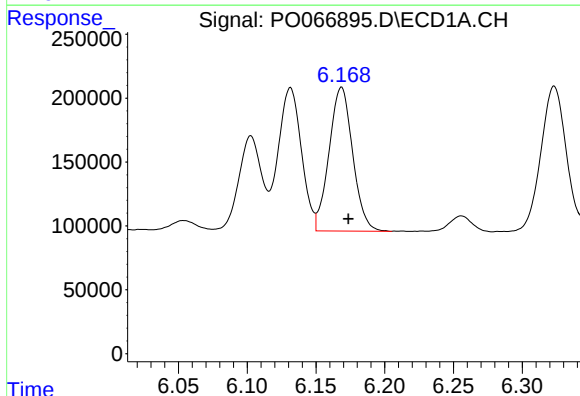
R.T.: 5.441 min
Delta R.T.: -0.007 min
Response: 215404
Conc: 277.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



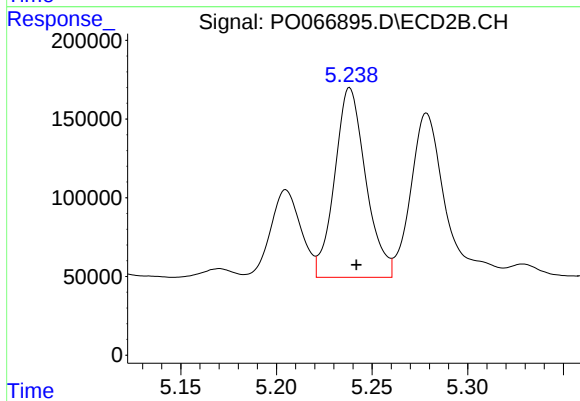
#19 AR-1242-4

R.T.: 4.725 min
Delta R.T.: -0.003 min
Response: 259189
Conc: 312.01 ng/ml



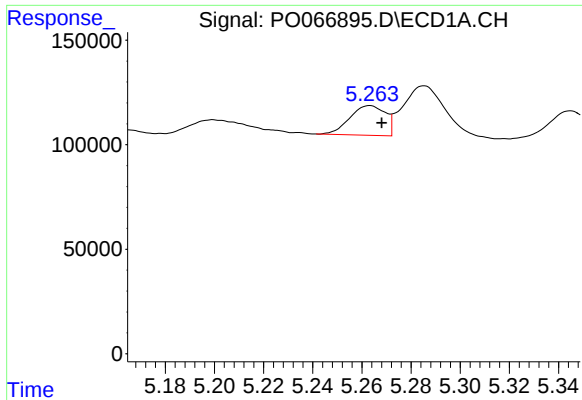
#20 AR-1242-5

R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 1348375
Conc: 1482.72 ng/ml



#20 AR-1242-5

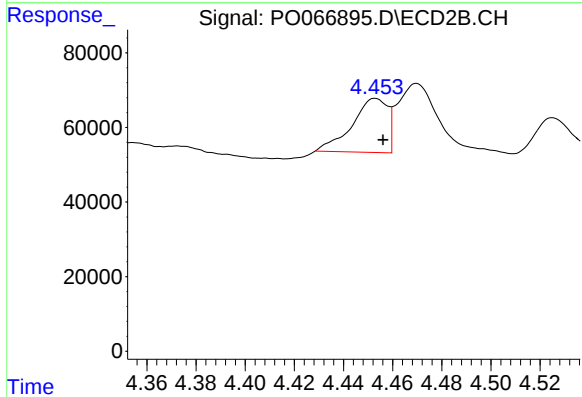
R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 1361751
Conc: 1251.09 ng/ml



#21 AR-1248-1

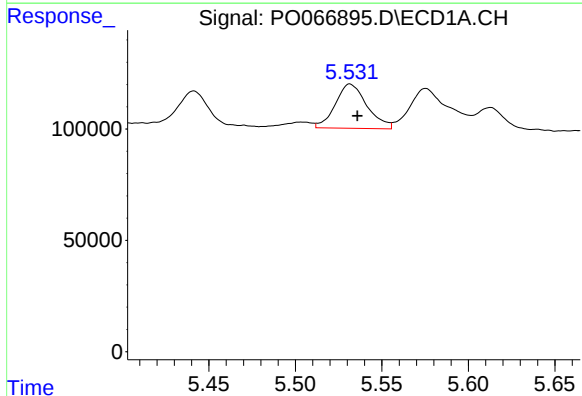
R.T.: 5.263 min
Delta R.T.: -0.005 min
Response: 142364
Conc: 170.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



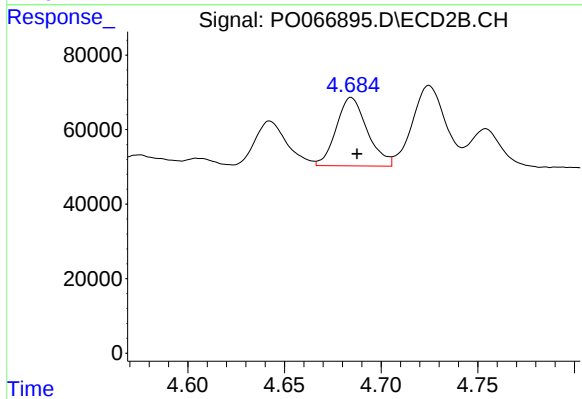
#21 AR-1248-1

R.T.: 4.453 min
Delta R.T.: -0.003 min
Response: 145295
Conc: 186.25 ng/ml



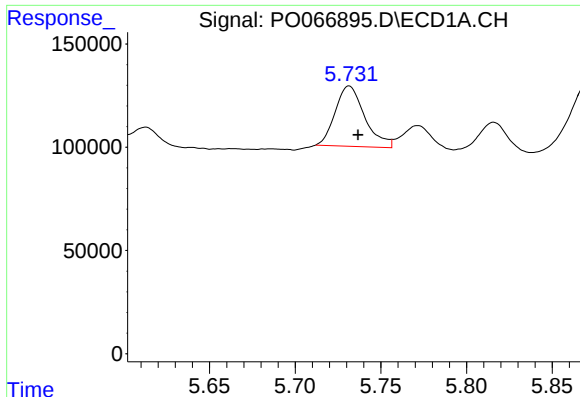
#22 AR-1248-2

R.T.: 5.532 min
Delta R.T.: -0.004 min
Response: 252313
Conc: 216.08 ng/ml



#22 AR-1248-2

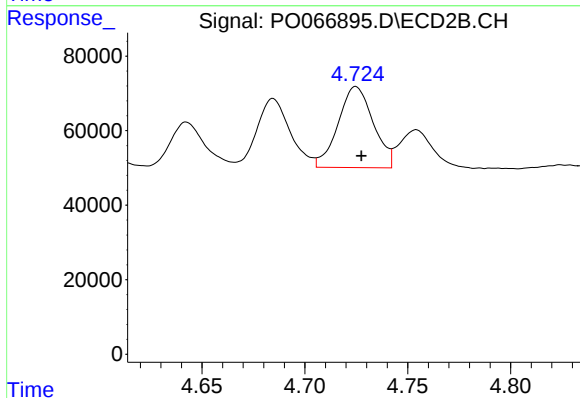
R.T.: 4.685 min
Delta R.T.: -0.003 min
Response: 205330
Conc: 169.75 ng/ml



#23 AR-1248-3

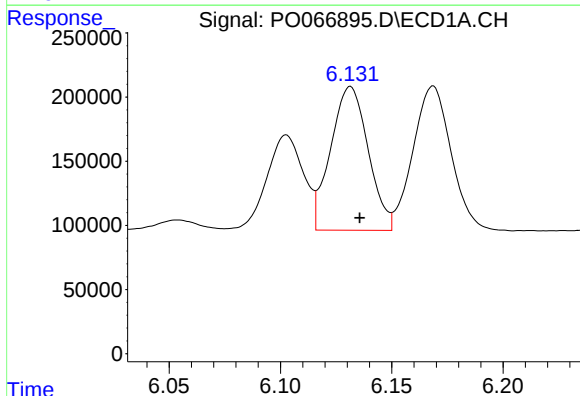
R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 350625
Conc: 265.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



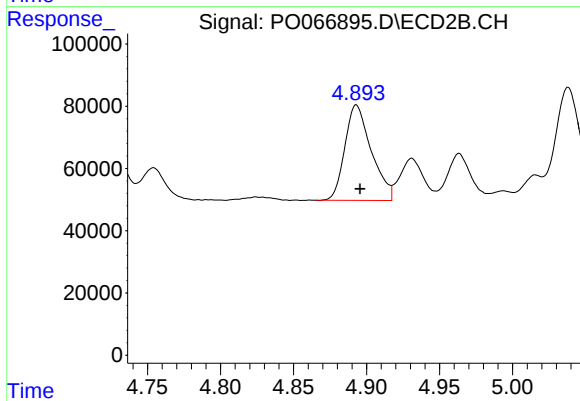
#23 AR-1248-3

R.T.: 4.725 min
Delta R.T.: -0.003 min
Response: 259189
Conc: 208.92 ng/ml



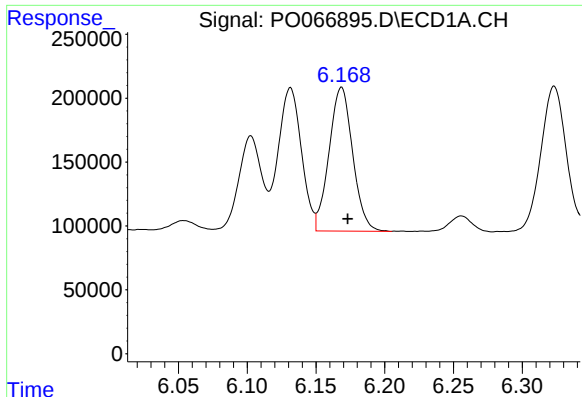
#24 AR-1248-4

R.T.: 6.131 min
Delta R.T.: -0.004 min
Response: 1316280
Conc: 789.04 ng/ml



#24 AR-1248-4

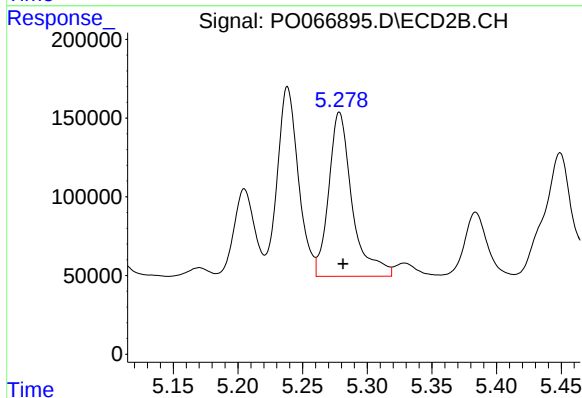
R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 386527
Conc: 263.43 ng/ml



#25 AR-1248-5

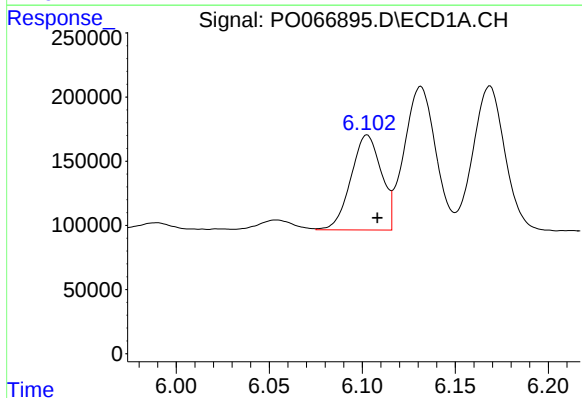
R.T.: 6.169 min
Delta R.T.: -0.004 min
Response: 1348375
Conc: 855.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



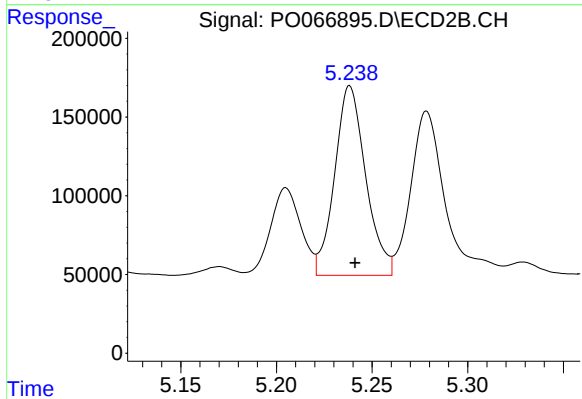
#25 AR-1248-5

R.T.: 5.279 min
Delta R.T.: -0.003 min
Response: 1316705
Conc: 848.33 ng/ml



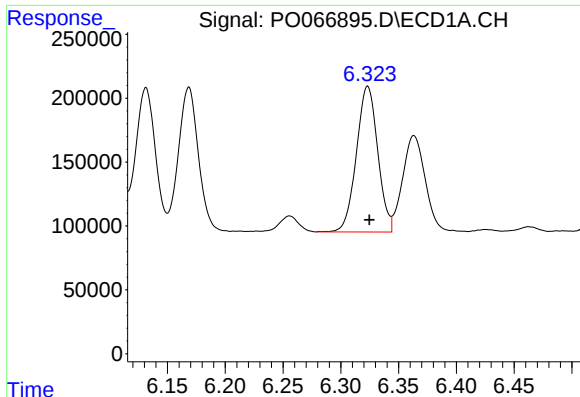
#26 AR-1254-1

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 844632
Conc: 529.33 ng/ml



#26 AR-1254-1

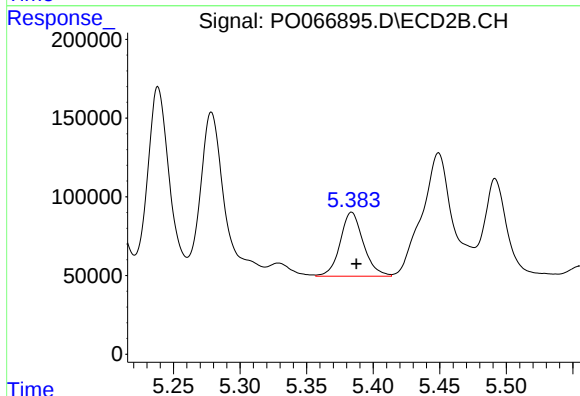
R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 1361751
Conc: 590.23 ng/ml



#27 AR-1254-2

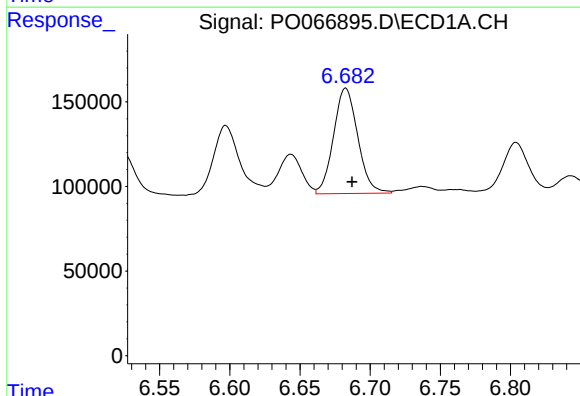
R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 1466755
Conc: 564.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



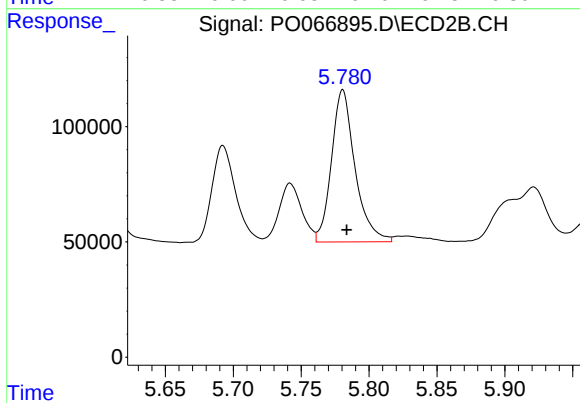
#27 AR-1254-2

R.T.: 5.384 min
Delta R.T.: -0.004 min
Response: 493451
Conc: 243.27 ng/ml



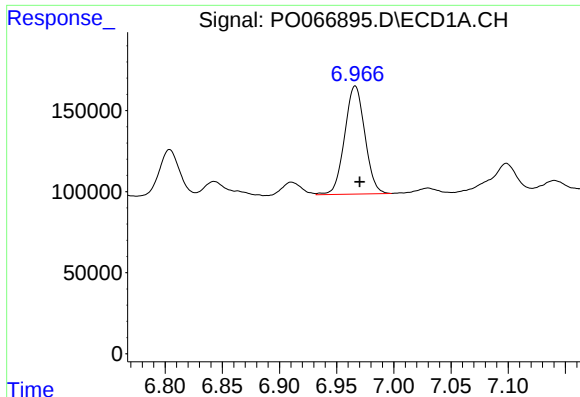
#28 AR-1254-3

R.T.: 6.683 min
Delta R.T.: -0.005 min
Response: 750350
Conc: 272.36 ng/ml



#28 AR-1254-3

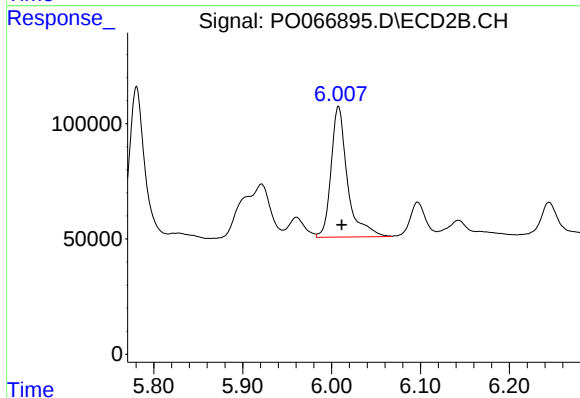
R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 798257
Conc: 237.47 ng/ml



#29 AR-1254-4

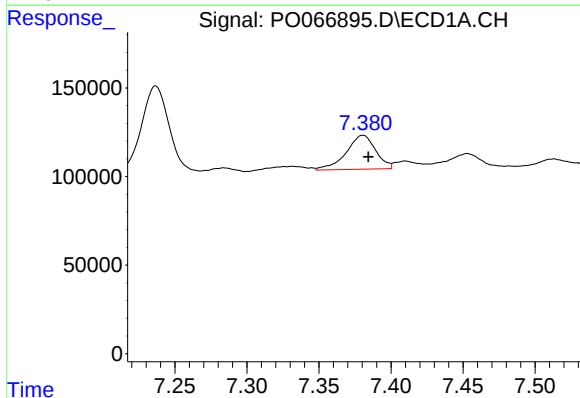
R.T.: 6.966 min
Delta R.T.: -0.004 min
Response: 820932
Conc: 340.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



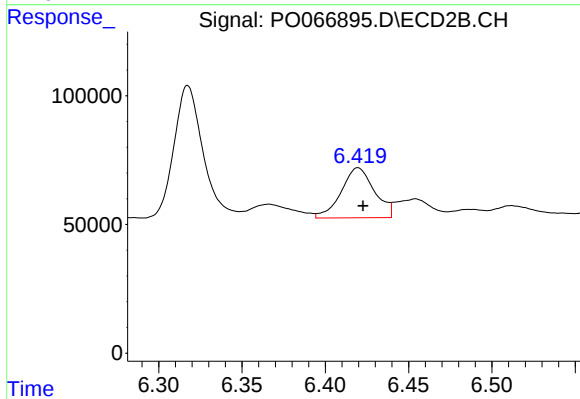
#29 AR-1254-4

R.T.: 6.008 min
Delta R.T.: -0.004 min
Response: 725425
Conc: 290.10 ng/ml



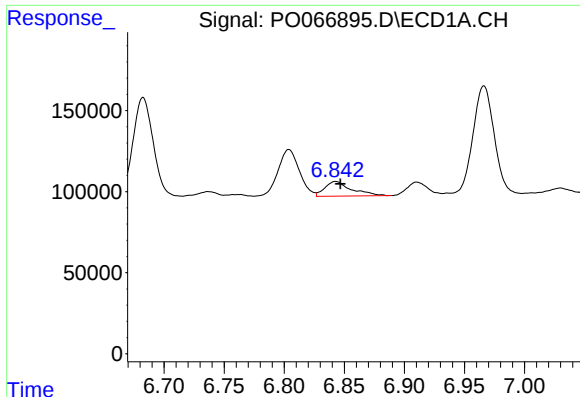
#30 AR-1254-5

R.T.: 7.381 min
Delta R.T.: -0.004 min
Response: 273202
Conc: 108.84 ng/ml



#30 AR-1254-5

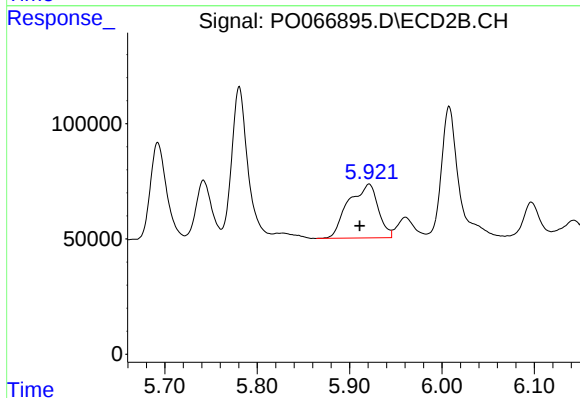
R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 270218
Conc: 85.18 ng/ml



#31 AR-1260-1

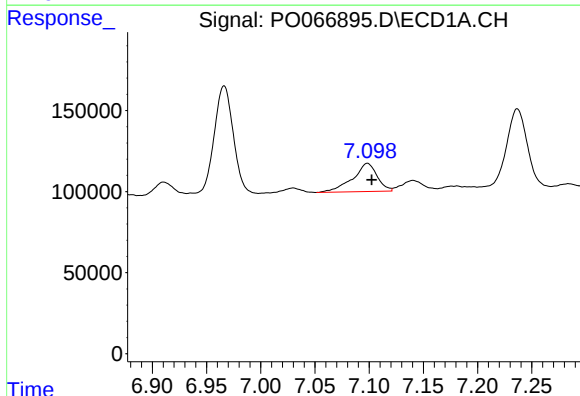
R.T.: 6.843 min
Delta R.T.: -0.004 min
Response: 140136
Conc: 60.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



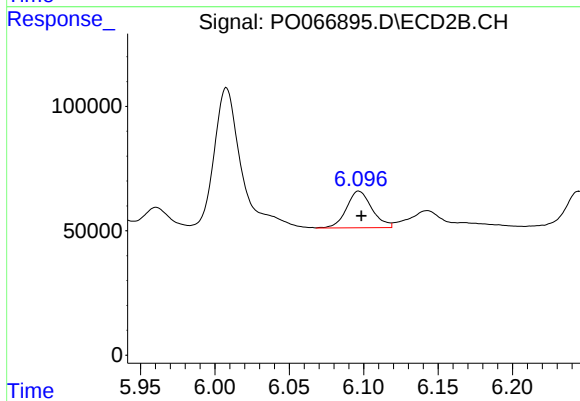
#31 AR-1260-1

R.T.: 5.921 min
Delta R.T.: 0.010 min
Response: 523179
Conc: 209.91 ng/ml



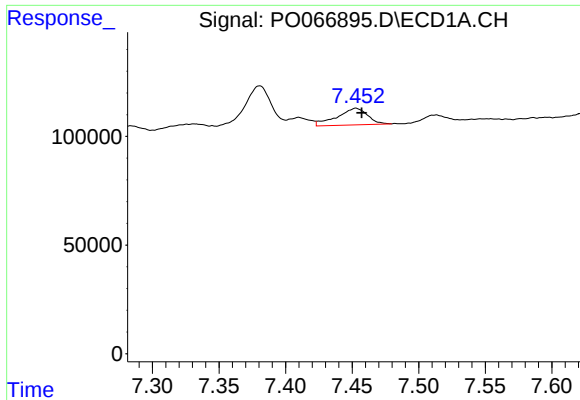
#32 AR-1260-2

R.T.: 7.098 min
Delta R.T.: -0.004 min
Response: 273018
Conc: 78.50 ng/ml



#32 AR-1260-2

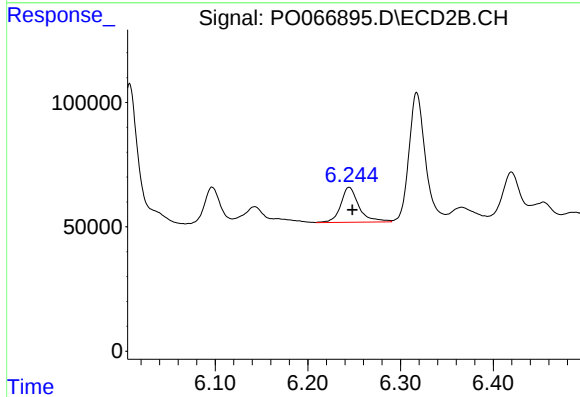
R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 175662
Conc: 56.09 ng/ml



#33 AR-1260-3

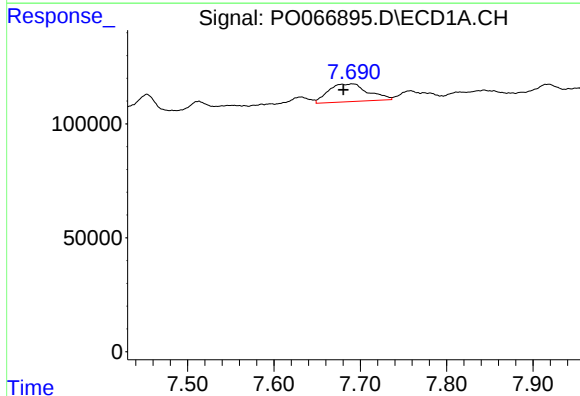
R.T.: 7.453 min
Delta R.T.: -0.004 min
Response: 121614
Conc: 41.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



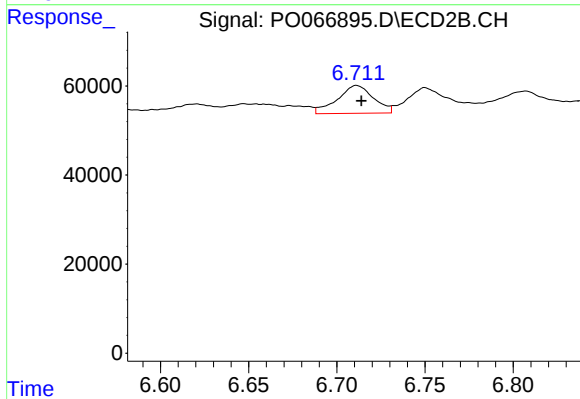
#33 AR-1260-3

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 192226
Conc: 65.35 ng/ml



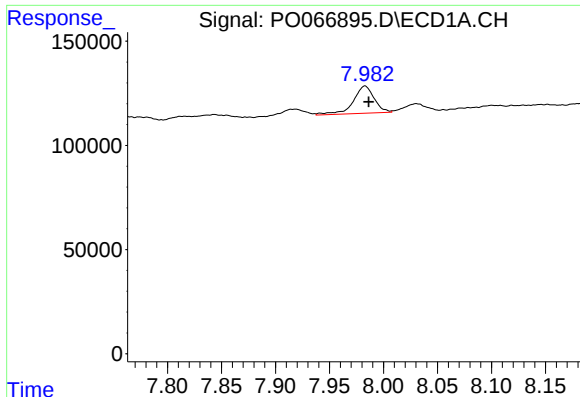
#34 AR-1260-4

R.T.: 7.691 min
Delta R.T.: 0.010 min
Response: 248212
Conc: 90.55 ng/ml



#34 AR-1260-4

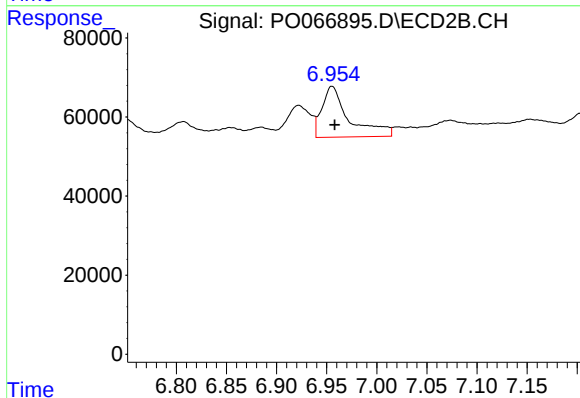
R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 89434
Conc: 34.79 ng/ml



#35 AR-1260-5

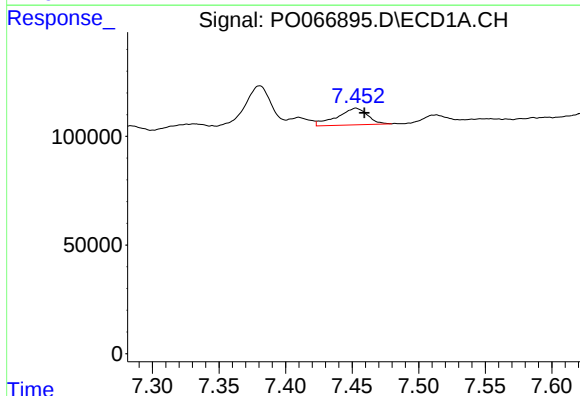
R.T.: 7.983 min
Delta R.T.: -0.003 min
Response: 175985
Conc: 28.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



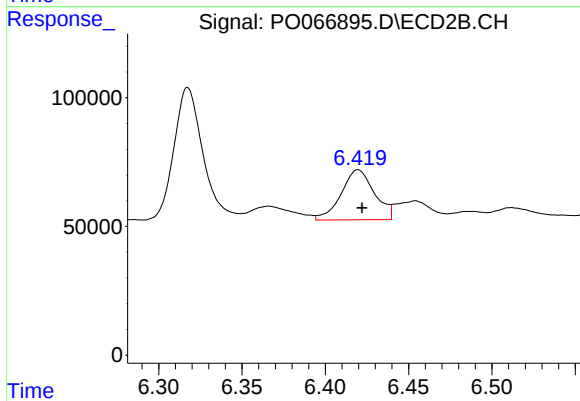
#35 AR-1260-5

R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 242154
Conc: 39.02 ng/ml



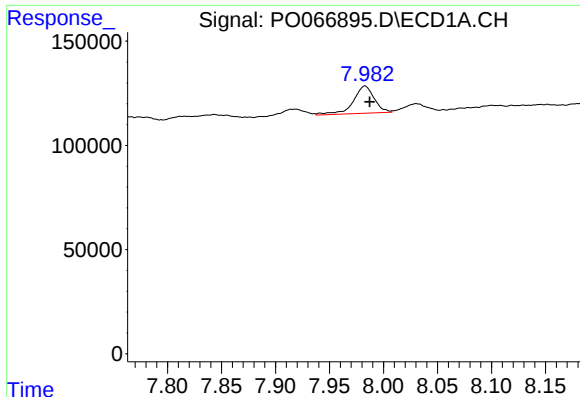
#36 AR-1262-1

R.T.: 7.453 min
Delta R.T.: -0.006 min
Response: 121614
Conc: 32.28 ng/ml



#36 AR-1262-1

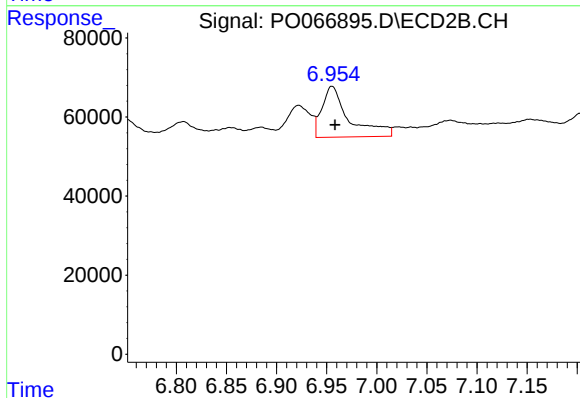
R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 270218
Conc: 172.83 ng/ml



#37 AR-1262-2

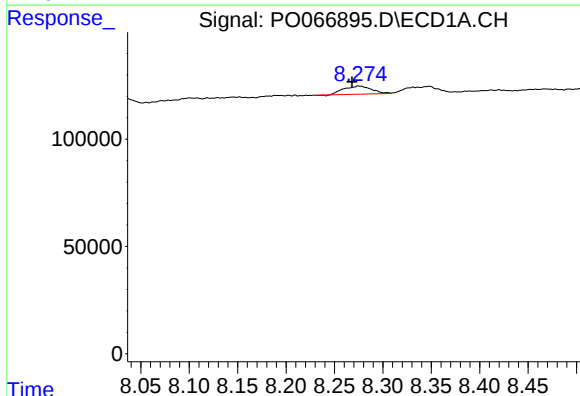
R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 175985
Conc: 28.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



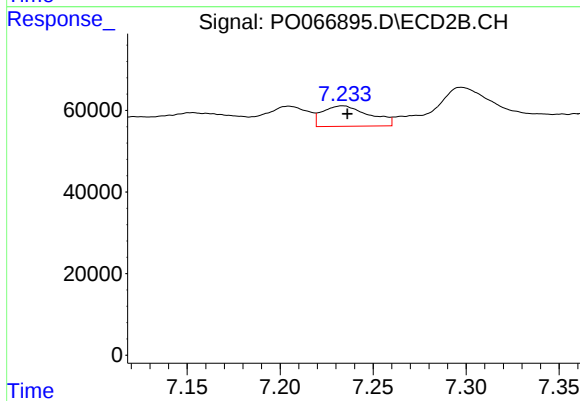
#37 AR-1262-2

R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 242154
Conc: 41.93 ng/ml



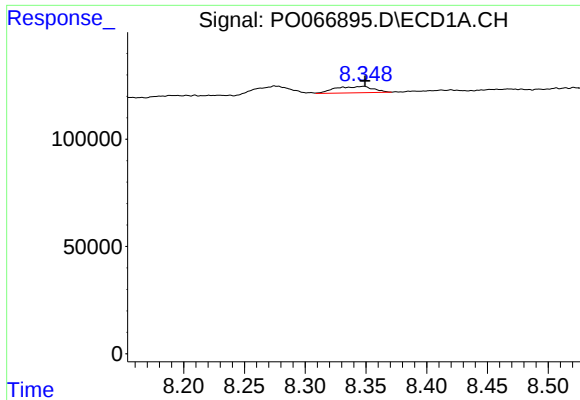
#38 AR-1262-3

R.T.: 8.276 min
Delta R.T.: 0.007 min
Response: 76778
Conc: 18.76 ng/ml



#38 AR-1262-3

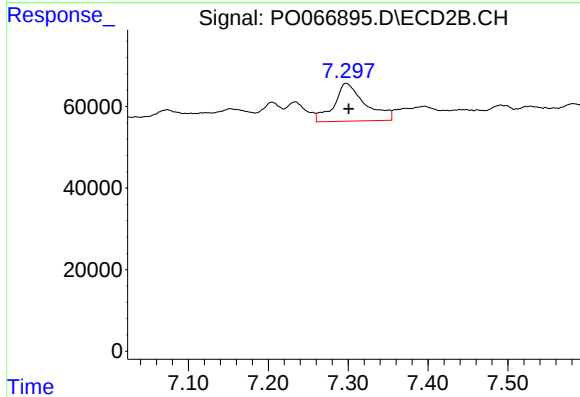
R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 87817
Conc: 36.33 ng/ml



#39 AR-1262-4

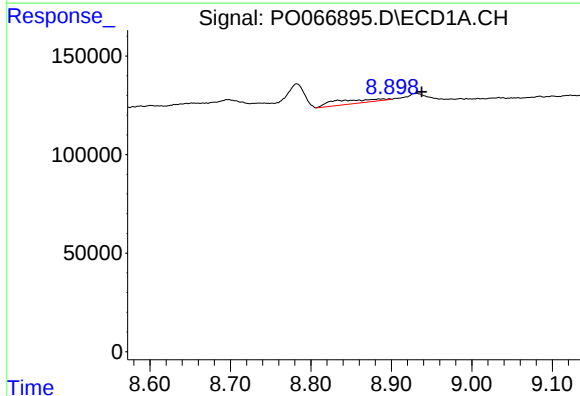
R.T.: 8.348 min
Delta R.T.: -0.001 min
Response: 64512
Conc: 19.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



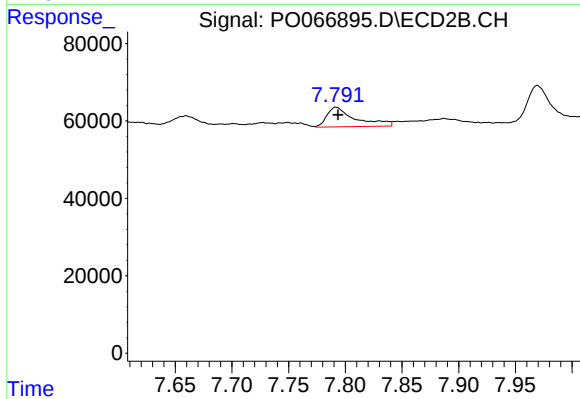
#39 AR-1262-4

R.T.: 7.298 min
Delta R.T.: -0.003 min
Response: 251475
Conc: 56.72 ng/ml



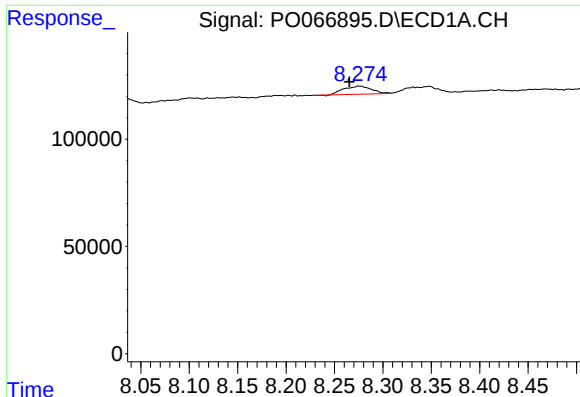
#40 AR-1262-5

R.T.: 8.890 min
Delta R.T.: -0.048 min
Response: 76495
Conc: 32.92 ng/ml



#40 AR-1262-5

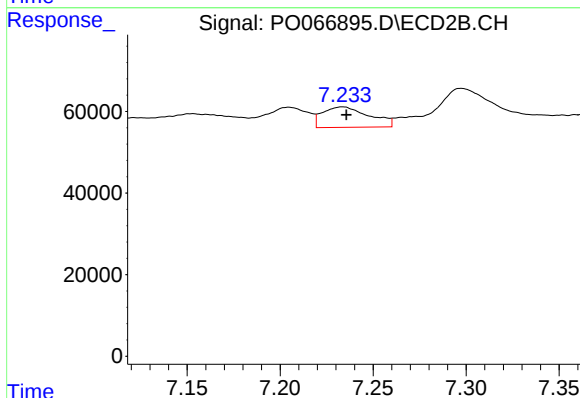
R.T.: 7.792 min
Delta R.T.: -0.002 min
Response: 88237
Conc: 43.47 ng/ml



#41 AR-1268-1

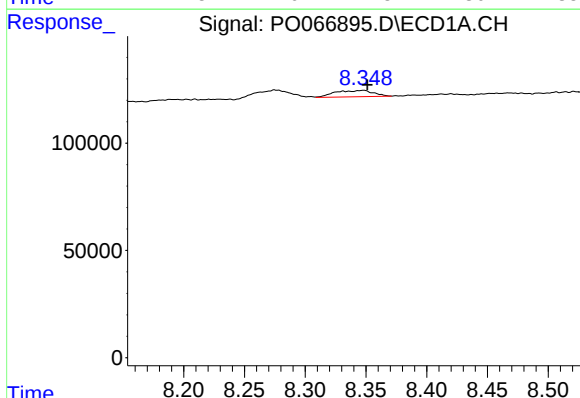
R.T.: 8.276 min
Delta R.T.: 0.010 min
Response: 76778
Conc: 9.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



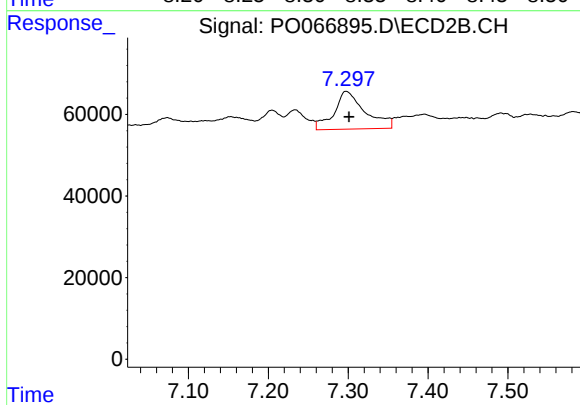
#41 AR-1268-1

R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 87817
Conc: 12.19 ng/ml



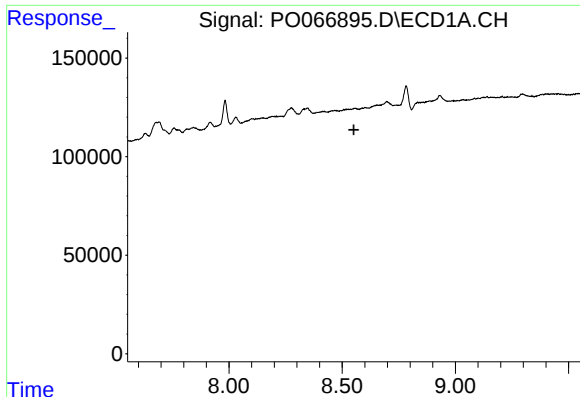
#42 AR-1268-2

R.T.: 8.348 min
Delta R.T.: -0.003 min
Response: 64512
Conc: 9.04 ng/ml



#42 AR-1268-2

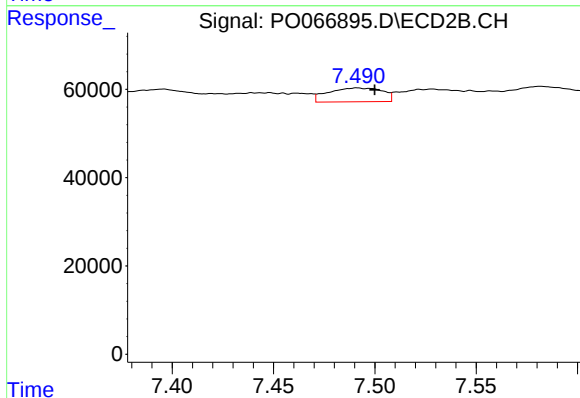
R.T.: 7.298 min
Delta R.T.: -0.004 min
Response: 251475
Conc: 37.78 ng/ml



#43 AR-1268-3

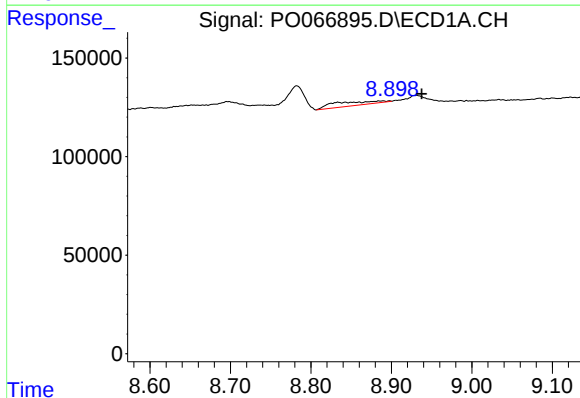
R.T.: 0.000 min
Exp R.T.: 8.552 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



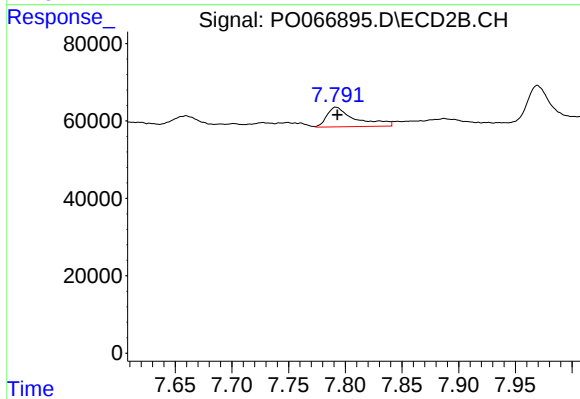
#43 AR-1268-3

R.T.: 7.491 min
Delta R.T.: -0.009 min
Response: 58226
Conc: 10.51 ng/ml



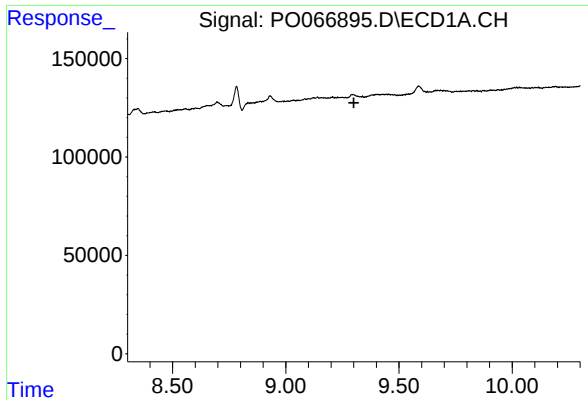
#44 AR-1268-4

R.T.: 8.890 min
Delta R.T.: -0.048 min
Response: 76495
Conc: 32.44 ng/ml



#44 AR-1268-4

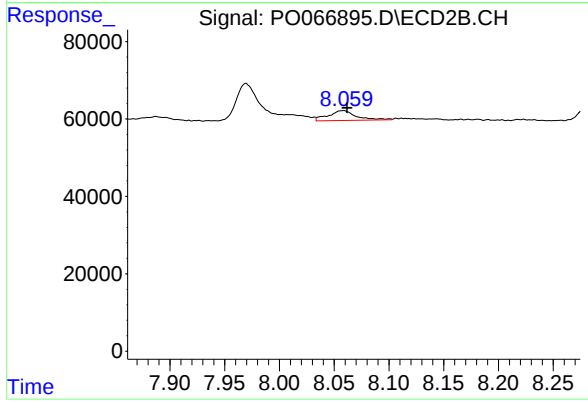
R.T.: 7.792 min
Delta R.T.: -0.001 min
Response: 88237
Conc: 36.26 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.301 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 44955
Conc: 2.56 ng/ml