

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081621\
 Data File : P0080495.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Aug 2021 22:11
 Operator : DD\AJ
 Sample : M3426-13MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 02:03:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081021.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 11 05:48:32 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...	4.991	4.106	1723242	543548	24.886	21.808
2)	SA Decachlor...	11.093	9.505	1060779	428293	20.493	18.883
Target Compounds							
3)	L1 AR-1016-1	6.322	5.381	1463004	537108	571.062	522.034
4)	L1 AR-1016-2	6.345	5.401	2031566	733735	574.036	525.719
5)	L1 AR-1016-3	6.412	5.597	1258519	396161	583.562	532.278
6)	L1 AR-1016-4	6.520	5.648	1044892	328199	589.432	532.261
7)	L1 AR-1016-5	6.836	5.881	965392	396968	560.952	532.536
8)	L2 AR-1221-1	5.243	4.367	223941	50311	281.573	164.248 #
9)	L2 AR-1221-2	5.343	4.470	173107	63768	316.232	274.126
10)	L2 AR-1221-3	5.431	4.559	784648	272056	475.842	390.677
11)	L3 AR-1232-1	5.431	4.559	784648	272056	499.614	427.579
12)	L3 AR-1232-2	6.025	5.401	1060497	733735	1260.667	1166.639
13)	L3 AR-1232-3	6.345	5.597	2031566	396161	1249.794	1265.841
14)	L3 AR-1232-4	6.520	5.693	1044892	389439	1405.698	1353.227
15)	L3 AR-1232-5	6.618	5.881	823454	396968	1578.387	1307.413
16)	L4 AR-1242-1	6.322	5.381	1463004	537108	749.995	672.991
17)	L4 AR-1242-2	6.345	5.401	2031566	733735	753.474	675.476
18)	L4 AR-1242-3	6.412	5.597	1258519	396161	754.399	691.487
19)	L4 AR-1242-4	6.520	5.693	1044892	389439	776.965	701.135
20)	L4 AR-1242-5	7.307	6.265	163804	352458	111.853	505.811 #
21)	L5 AR-1248-1	6.322	5.381	1463004	537108	966.741	854.209
22)	L5 AR-1248-2	6.618	5.648	823454	328199	405.957	378.540
23)	L5 AR-1248-3	6.836	5.693	965392	389439	407.919	435.992
24)	L5 AR-1248-4	7.266	5.881	162075	396968	59.598	388.508 #
25)	L5 AR-1248-5	7.307	6.309	163804	45338	62.115	43.733 #
26)	L6 AR-1254-1	7.236	6.265	804756	352458	310.440	240.246
27)	L6 AR-1254-2	7.465	6.426	881786	324980	224.712	251.569
28)	L6 AR-1254-3	7.849	6.870	555792	581743	136.175	288.515 #
29)	L6 AR-1254-4	8.145	7.095	282255	72090	94.541	55.394 #
30)	L6 AR-1254-5	8.577	7.529	2340780	1005073	756.554	572.876
31)	L7 AR-1260-1	8.016	6.991	1682816	736888	588.904	549.802
32)	L7 AR-1260-2	8.284	7.190	1892444	858038	569.462	516.267
33)	L7 AR-1260-3	8.650	7.347	1163335	796609	464.970	521.095
34)	L7 AR-1260-4	8.882	7.837	1445978	553189	499.862	441.716
35)	L7 AR-1260-5	9.216	8.087	2513410	1261255	441.242	435.948
36)	L8 AR-1262-1	8.650	7.529	1163335	1005073	304.235	1001.309 #
37)	L8 AR-1262-2	9.216	8.087	2513410	1261255	371.534	395.006
38)	L8 AR-1262-3	9.558f	8.377	1643437	251831	549.162	191.423 #
39)	L8 AR-1262-4	9.609f	8.441	880393	903516	500.629	382.846
40)	L8 AR-1262-5	10.316	8.947	630701	263586	254.206	236.784
41)	L9 AR-1268-1	9.558f	8.377	1643437	251831	205.822	67.420 #

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 ALS Vial : 37 Sample Multiplier: 1

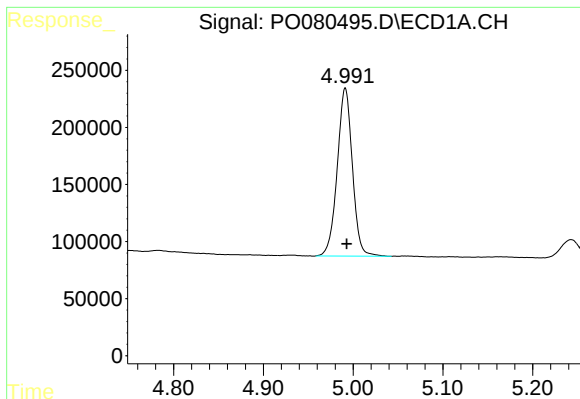
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 02:03:22 2021
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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
42) L9	AR-1268-2	9.609f	8.441	880393	903516	121.124	270.508 #
43) L9	AR-1268-3	9.863	8.652	50764	32238	8.298	11.325 #
44) L9	AR-1268-4	10.316	8.947	630701	263586	226.096	214.571
45) L9	AR-1268-5	10.745	9.245	222390	91124	11.068	10.704

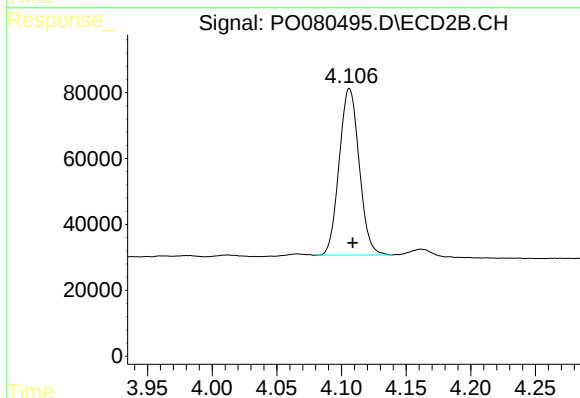
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

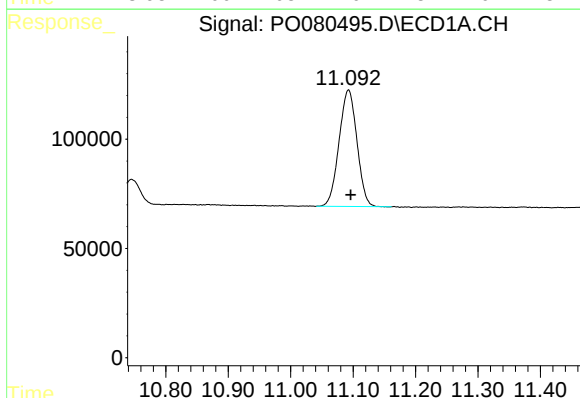
R.T.: 4.991 min
Delta R.T.: -0.002 min
Response: 1723242
Conc: 24.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



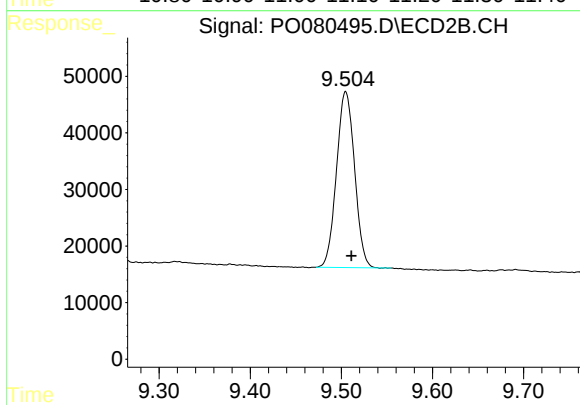
#1 Tetrachloro-m-xylene

R.T.: 4.106 min
Delta R.T.: -0.003 min
Response: 543548
Conc: 21.81 ng/ml



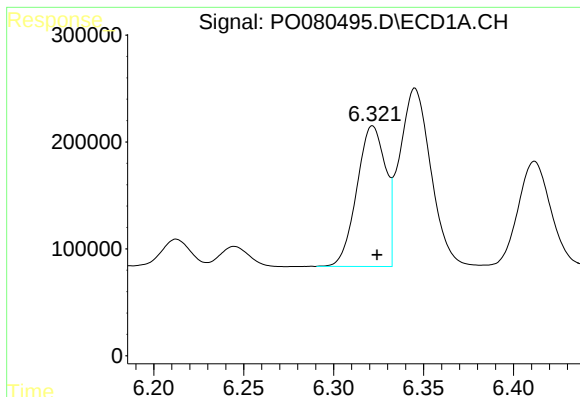
#2 Decachlorobiphenyl

R.T.: 11.093 min
Delta R.T.: -0.004 min
Response: 1060779
Conc: 20.49 ng/ml



#2 Decachlorobiphenyl

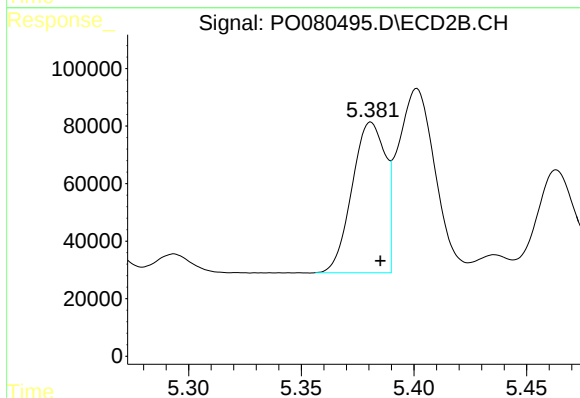
R.T.: 9.505 min
Delta R.T.: -0.006 min
Response: 428293
Conc: 18.88 ng/ml



#3 AR-1016-1

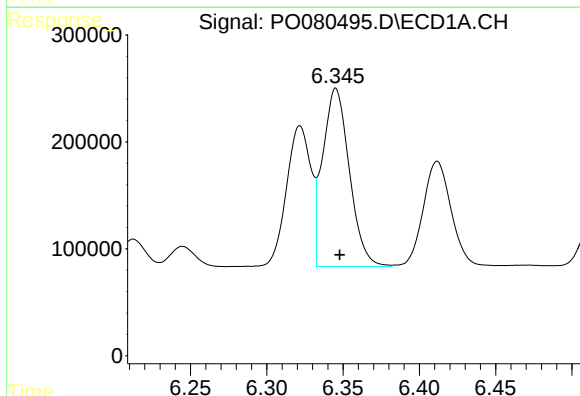
R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 1463004
Conc: 571.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



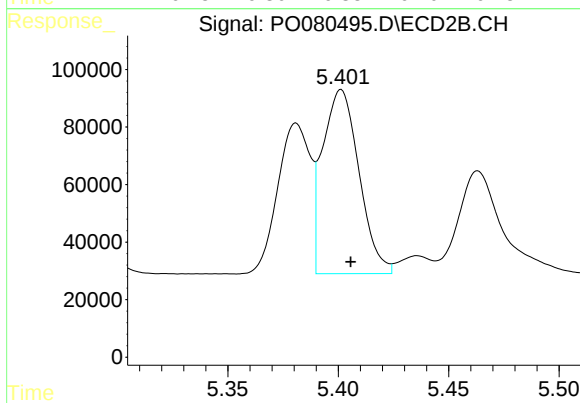
#3 AR-1016-1

R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 537108
Conc: 522.03 ng/ml



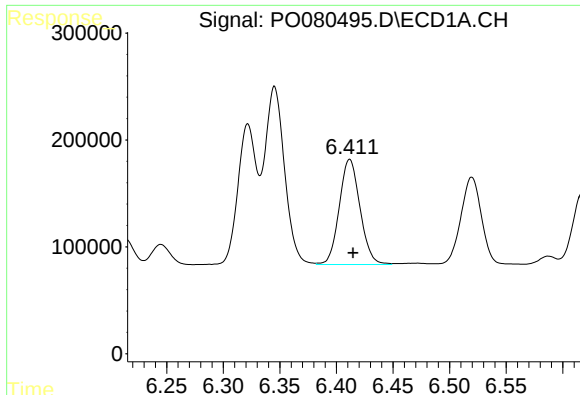
#4 AR-1016-2

R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: 2031566
Conc: 574.04 ng/ml



#4 AR-1016-2

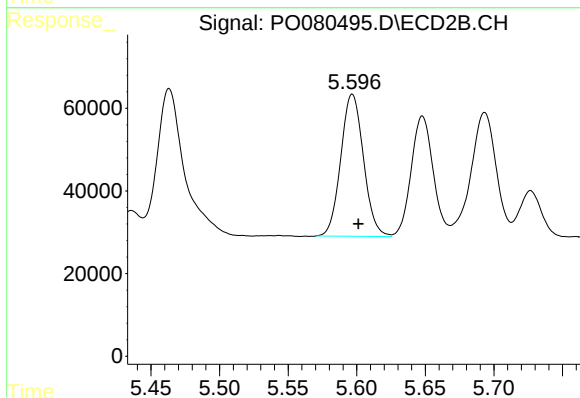
R.T.: 5.401 min
Delta R.T.: -0.004 min
Response: 733735
Conc: 525.72 ng/ml



#5 AR-1016-3

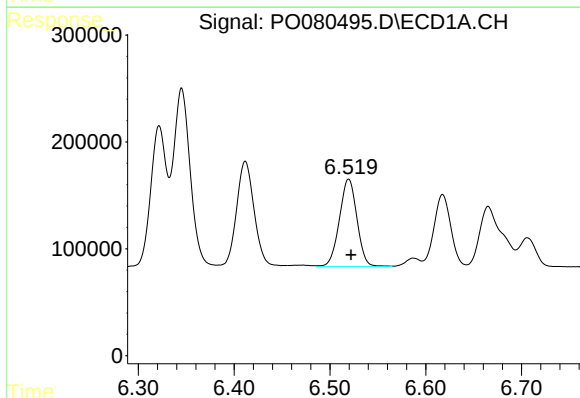
R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 1258519
Conc: 583.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



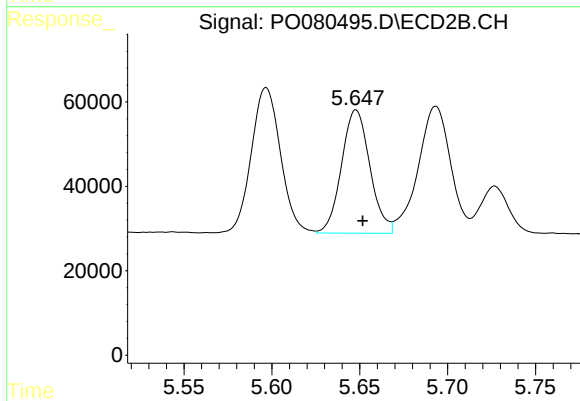
#5 AR-1016-3

R.T.: 5.597 min
Delta R.T.: -0.004 min
Response: 396161
Conc: 532.28 ng/ml



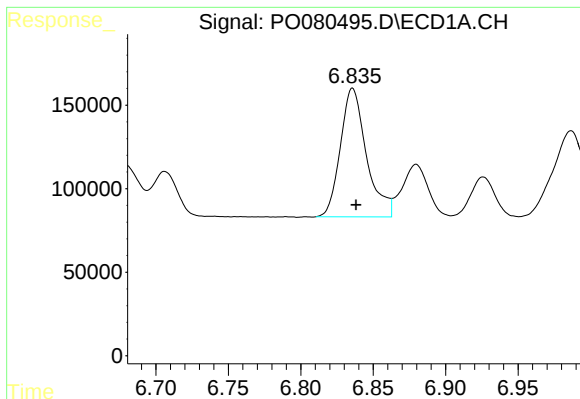
#6 AR-1016-4

R.T.: 6.520 min
Delta R.T.: -0.003 min
Response: 1044892
Conc: 589.43 ng/ml



#6 AR-1016-4

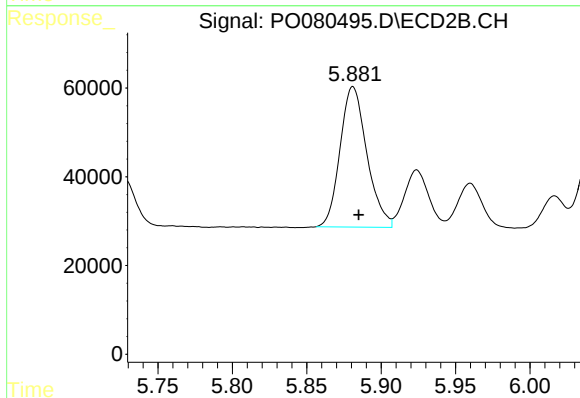
R.T.: 5.648 min
Delta R.T.: -0.004 min
Response: 328199
Conc: 532.26 ng/ml



#7 AR-1016-5

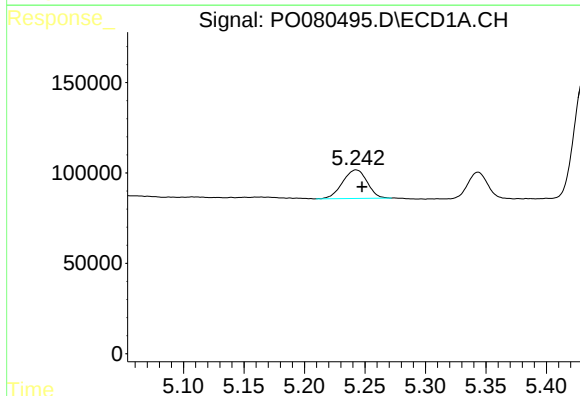
R.T.: 6.836 min
Delta R.T.: -0.002 min
Response: 965392
Conc: 560.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



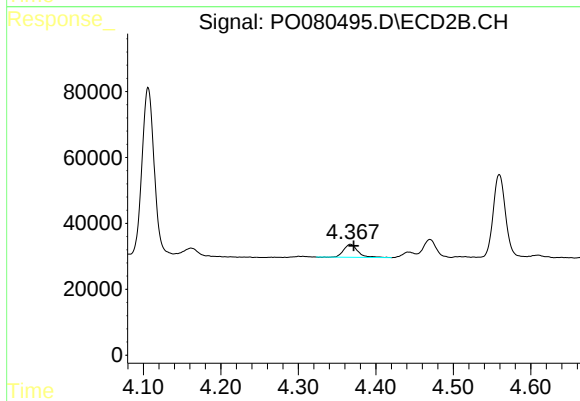
#7 AR-1016-5

R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 396968
Conc: 532.54 ng/ml



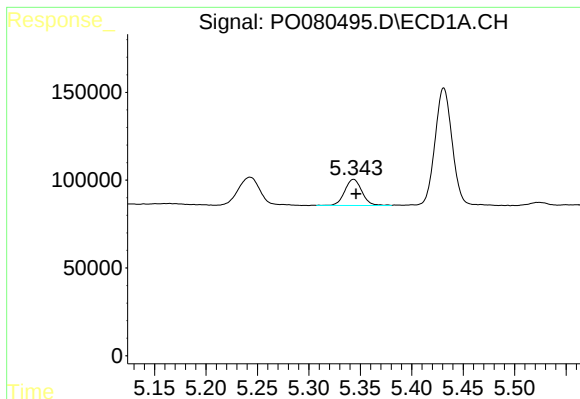
#8 AR-1221-1

R.T.: 5.243 min
Delta R.T.: -0.005 min
Response: 223941
Conc: 281.57 ng/ml



#8 AR-1221-1

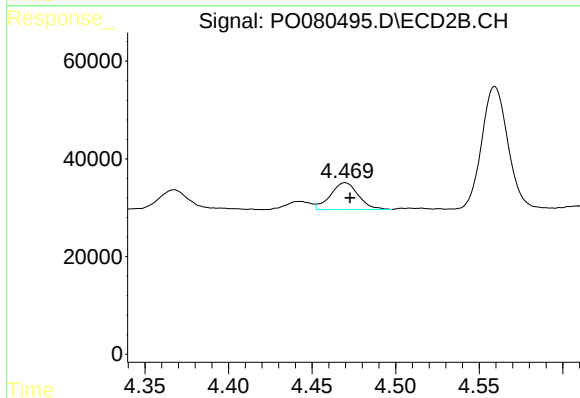
R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 50311
Conc: 164.25 ng/ml



#9 AR-1221-2

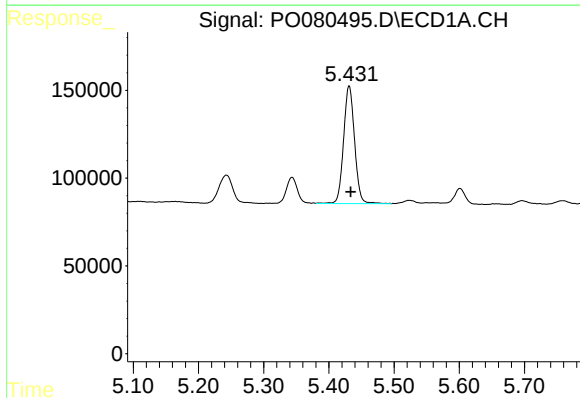
R.T.: 5.343 min
Delta R.T.: -0.002 min
Response: 173107
Conc: 316.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



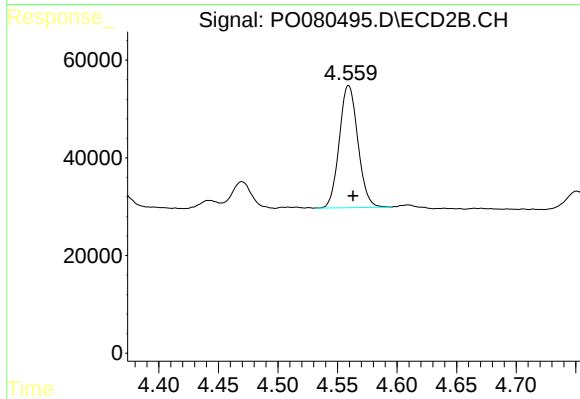
#9 AR-1221-2

R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 63768
Conc: 274.13 ng/ml



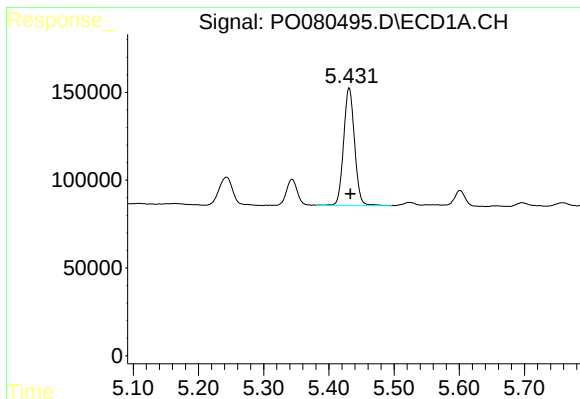
#10 AR-1221-3

R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 784648
Conc: 475.84 ng/ml



#10 AR-1221-3

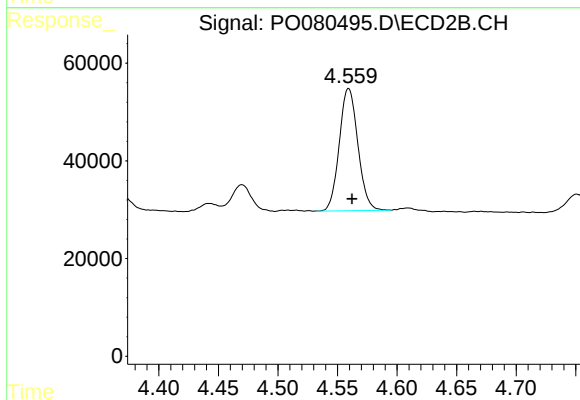
R.T.: 4.559 min
Delta R.T.: -0.004 min
Response: 272056
Conc: 390.68 ng/ml



#11 AR-1232-1

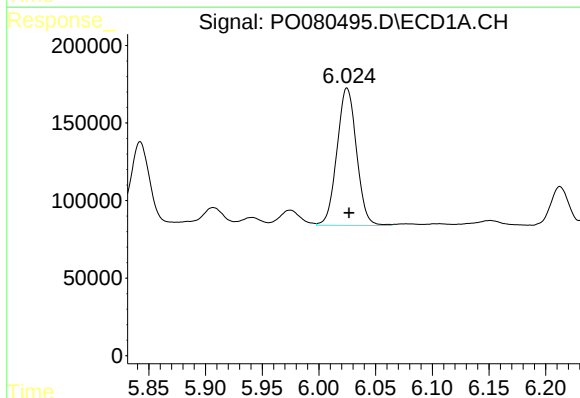
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 784648
Conc: 499.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



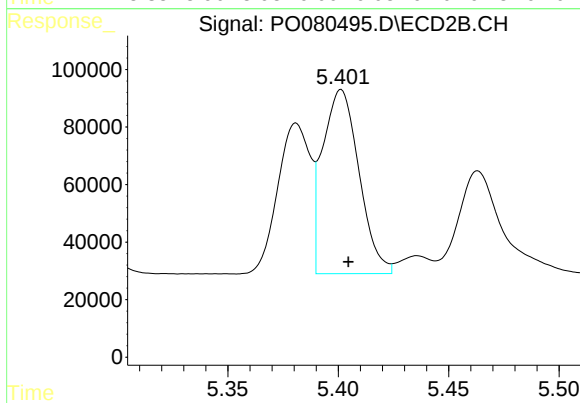
#11 AR-1232-1

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 272056
Conc: 427.58 ng/ml



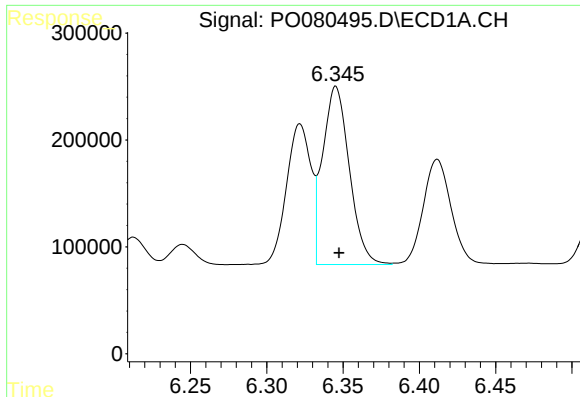
#12 AR-1232-2

R.T.: 6.025 min
Delta R.T.: -0.002 min
Response: 1060497
Conc: 1260.67 ng/ml



#12 AR-1232-2

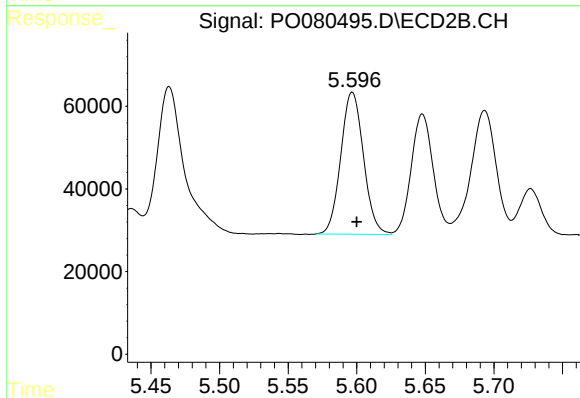
R.T.: 5.401 min
Delta R.T.: -0.003 min
Response: 733735
Conc: 1166.64 ng/ml



#13 AR-1232-3

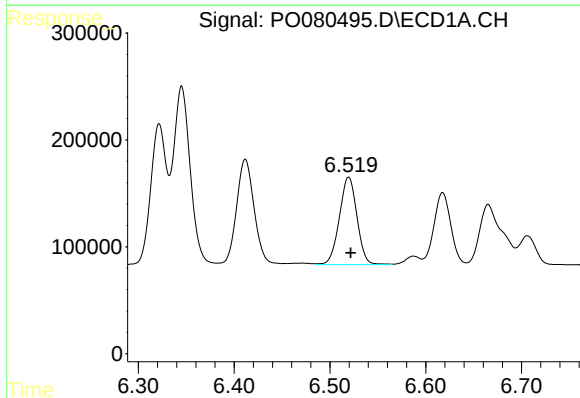
R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: 2031566
Conc: 1249.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



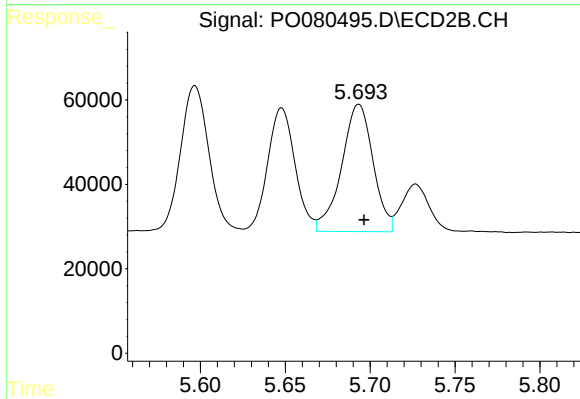
#13 AR-1232-3

R.T.: 5.597 min
Delta R.T.: -0.003 min
Response: 396161
Conc: 1265.84 ng/ml



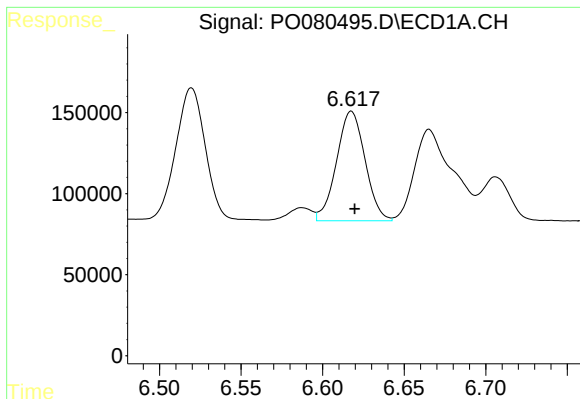
#14 AR-1232-4

R.T.: 6.520 min
Delta R.T.: -0.002 min
Response: 1044892
Conc: 1405.70 ng/ml



#14 AR-1232-4

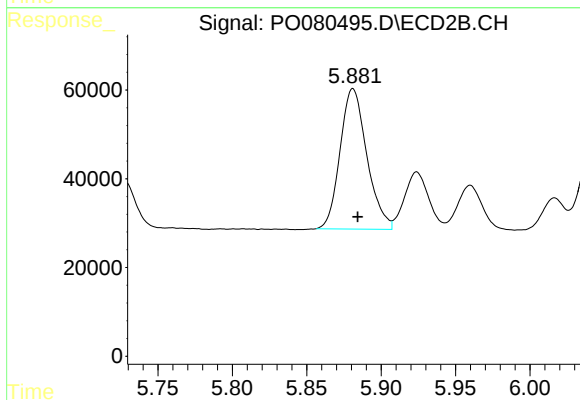
R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 389439
Conc: 1353.23 ng/ml



#15 AR-1232-5

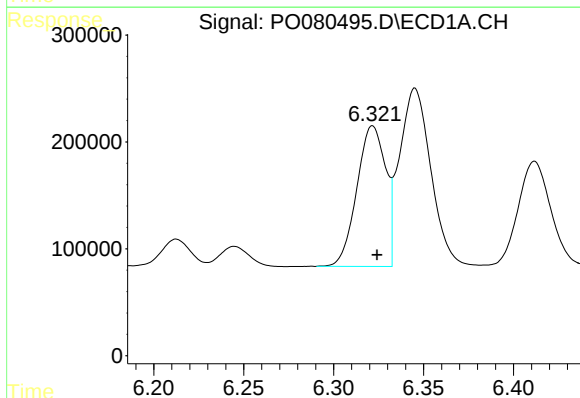
R.T.: 6.618 min
Delta R.T.: -0.002 min
Response: 823454
Conc: 1578.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



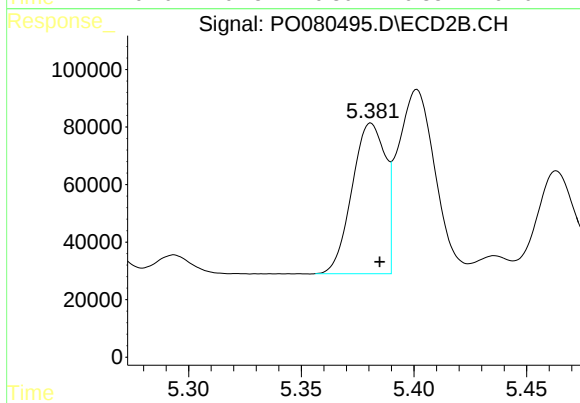
#15 AR-1232-5

R.T.: 5.881 min
Delta R.T.: -0.003 min
Response: 396968
Conc: 1307.41 ng/ml



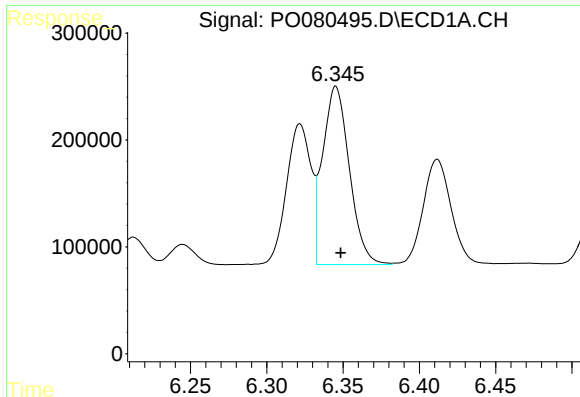
#16 AR-1242-1

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 1463004
Conc: 749.99 ng/ml



#16 AR-1242-1

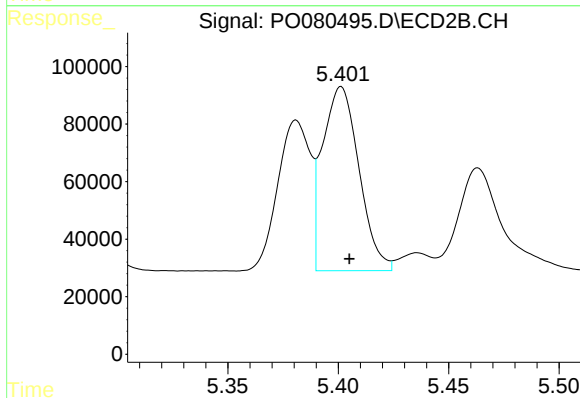
R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 537108
Conc: 672.99 ng/ml



#17 AR-1242-2

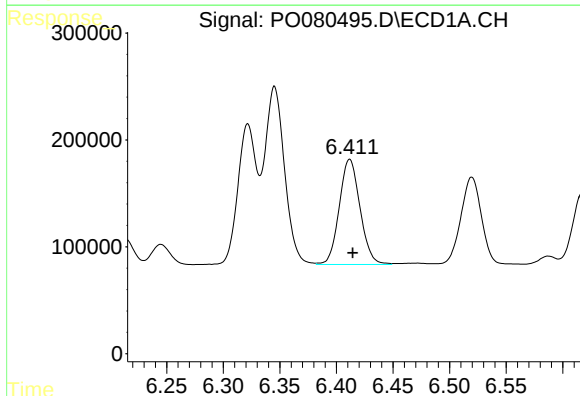
R.T.: 6.345 min
Delta R.T.: -0.003 min
Response: 2031566
Conc: 753.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



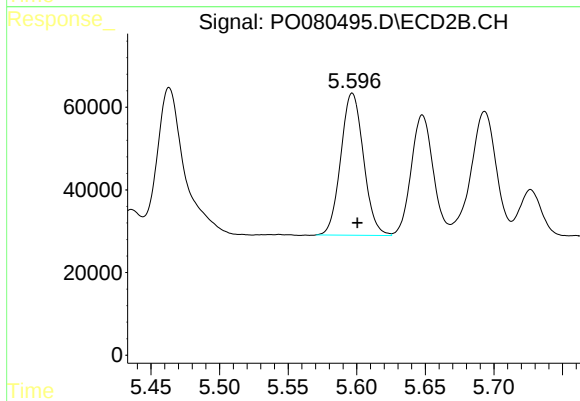
#17 AR-1242-2

R.T.: 5.401 min
Delta R.T.: -0.004 min
Response: 733735
Conc: 675.48 ng/ml



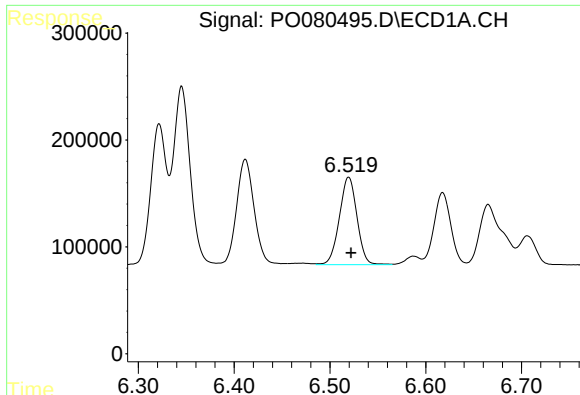
#18 AR-1242-3

R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 1258519
Conc: 754.40 ng/ml



#18 AR-1242-3

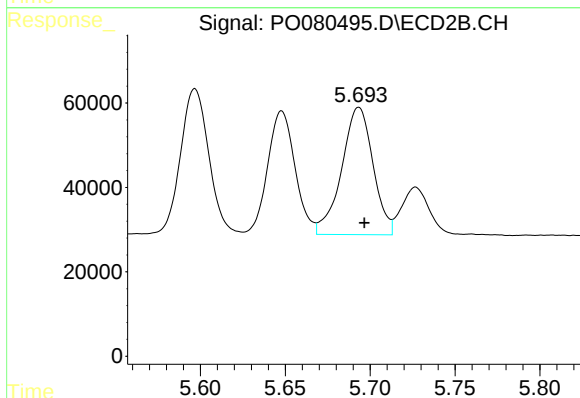
R.T.: 5.597 min
Delta R.T.: -0.004 min
Response: 396161
Conc: 691.49 ng/ml



#19 AR-1242-4

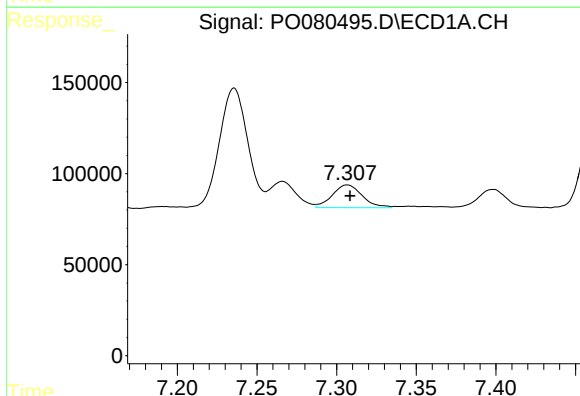
R.T.: 6.520 min
Delta R.T.: -0.002 min
Response: 1044892
Conc: 776.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



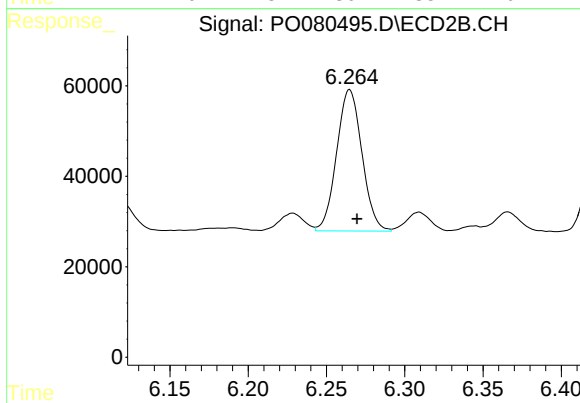
#19 AR-1242-4

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 389439
Conc: 701.13 ng/ml



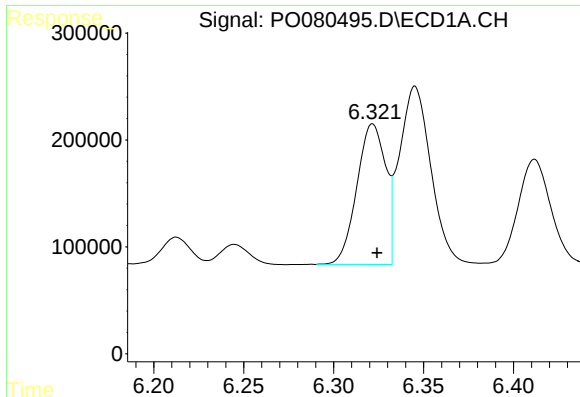
#20 AR-1242-5

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 163804
Conc: 111.85 ng/ml



#20 AR-1242-5

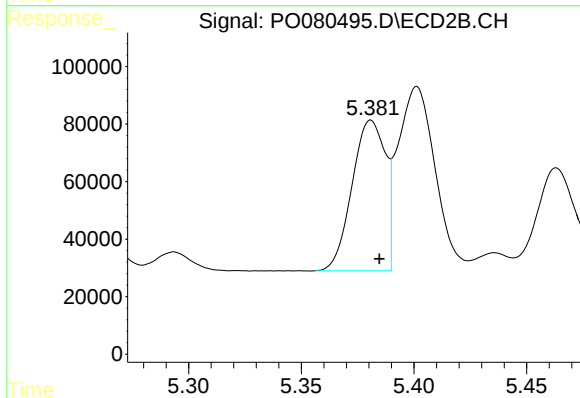
R.T.: 6.265 min
Delta R.T.: -0.005 min
Response: 352458
Conc: 505.81 ng/ml



#21 AR-1248-1

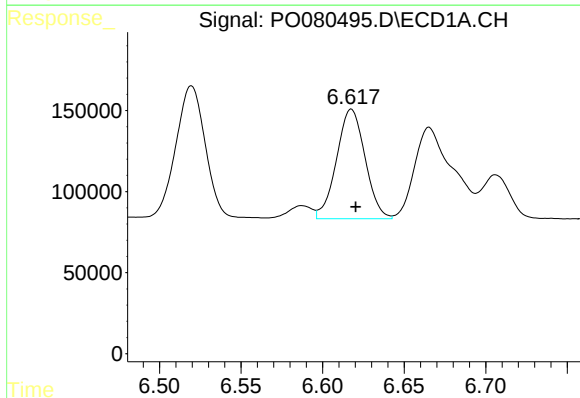
R.T.: 6.322 min
Delta R.T.: -0.003 min
Response: 1463004
Conc: 966.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



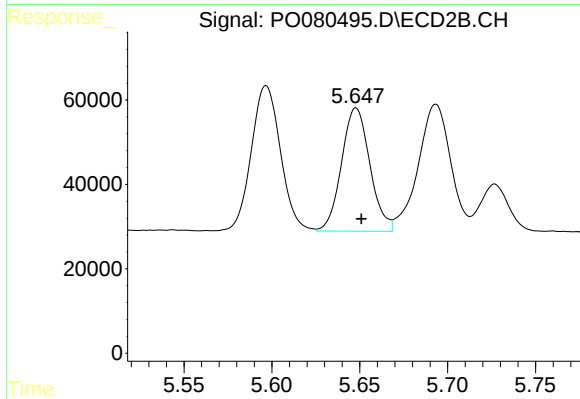
#21 AR-1248-1

R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 537108
Conc: 854.21 ng/ml



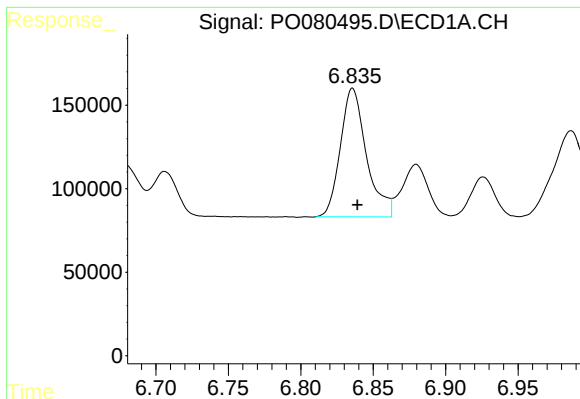
#22 AR-1248-2

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 823454
Conc: 405.96 ng/ml



#22 AR-1248-2

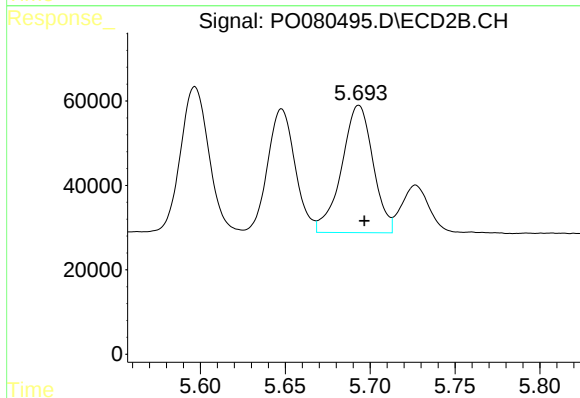
R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 328199
Conc: 378.54 ng/ml



#23 AR-1248-3

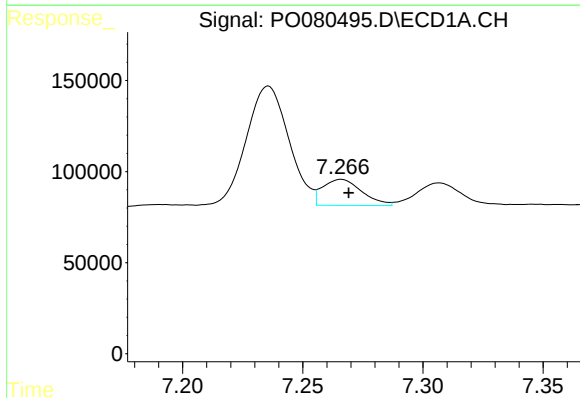
R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 965392
Conc: 407.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



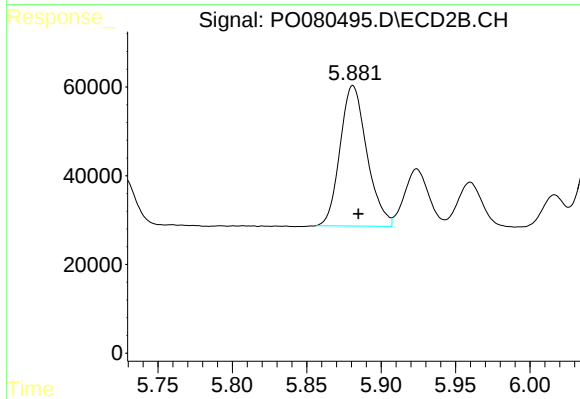
#23 AR-1248-3

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 389439
Conc: 435.99 ng/ml



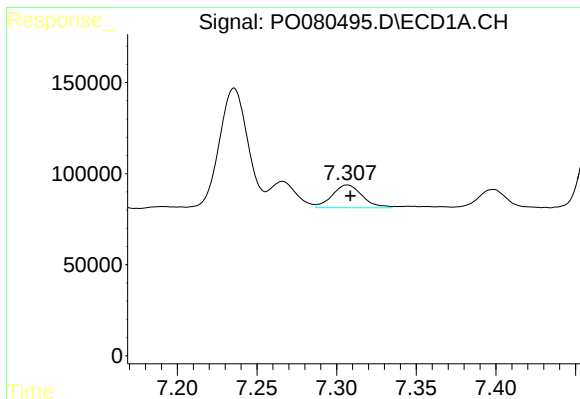
#24 AR-1248-4

R.T.: 7.266 min
Delta R.T.: -0.003 min
Response: 162075
Conc: 59.60 ng/ml



#24 AR-1248-4

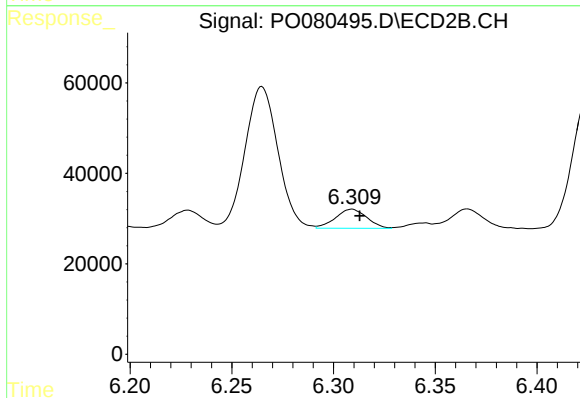
R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 396968
Conc: 388.51 ng/ml



#25 AR-1248-5

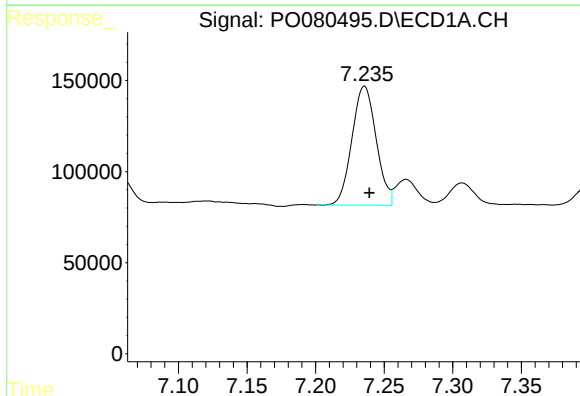
R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 163804
Conc: 62.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



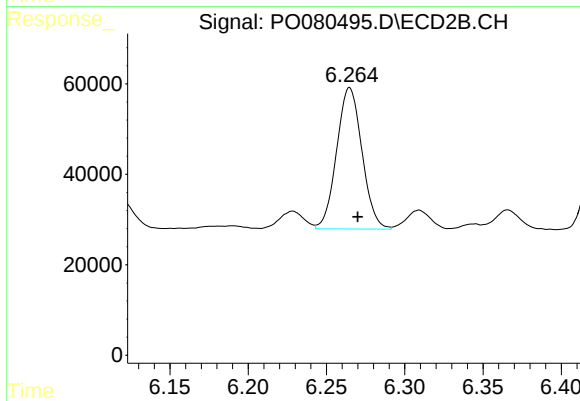
#25 AR-1248-5

R.T.: 6.309 min
Delta R.T.: -0.004 min
Response: 45338
Conc: 43.73 ng/ml



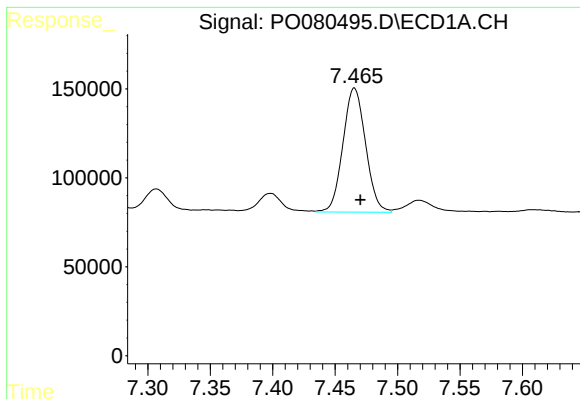
#26 AR-1254-1

R.T.: 7.236 min
Delta R.T.: -0.003 min
Response: 804756
Conc: 310.44 ng/ml



#26 AR-1254-1

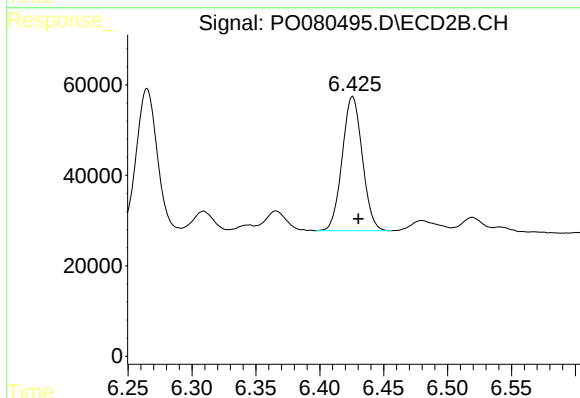
R.T.: 6.265 min
Delta R.T.: -0.005 min
Response: 352458
Conc: 240.25 ng/ml



#27 AR-1254-2

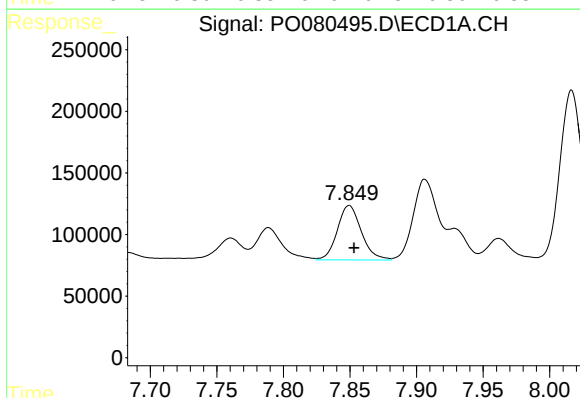
R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 881786
Conc: 224.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



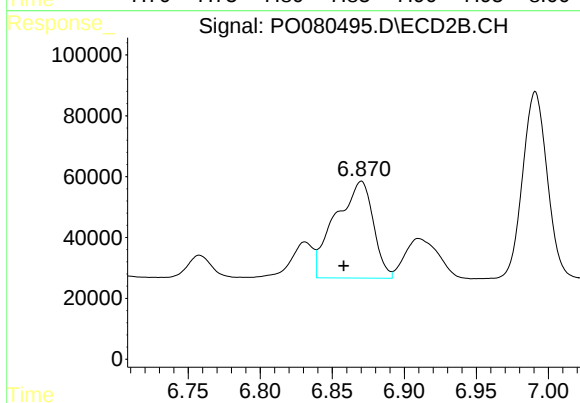
#27 AR-1254-2

R.T.: 6.426 min
Delta R.T.: -0.005 min
Response: 324980
Conc: 251.57 ng/ml



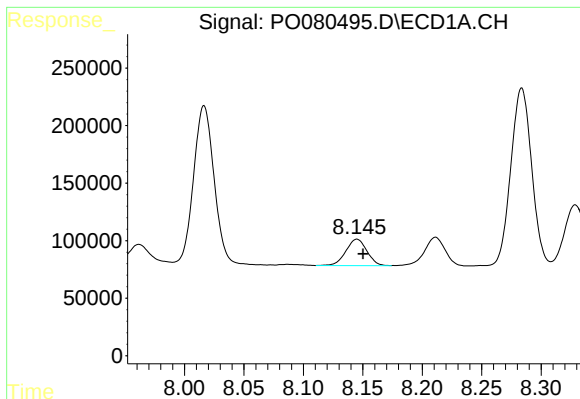
#28 AR-1254-3

R.T.: 7.849 min
Delta R.T.: -0.004 min
Response: 555792
Conc: 136.17 ng/ml



#28 AR-1254-3

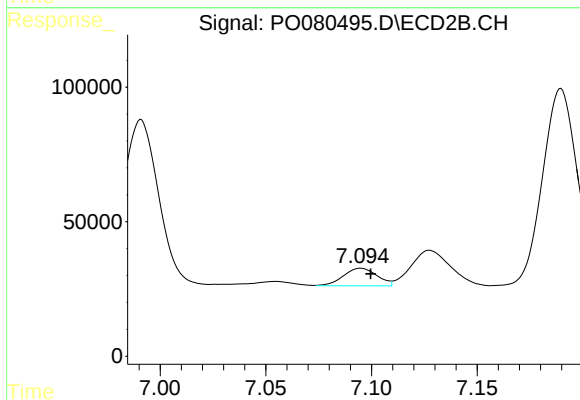
R.T.: 6.870 min
Delta R.T.: 0.012 min
Response: 581743
Conc: 288.52 ng/ml



#29 AR-1254-4

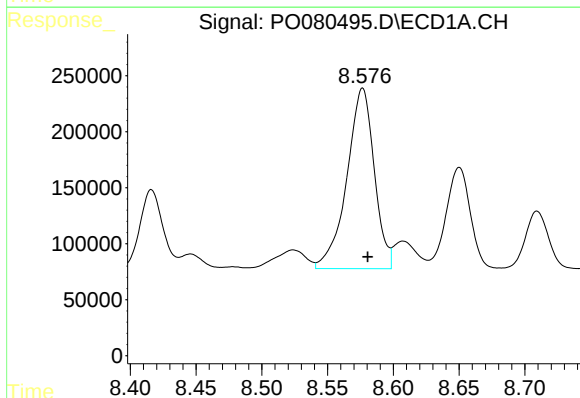
R.T.: 8.145 min
Delta R.T.: -0.005 min
Response: 282255
Conc: 94.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



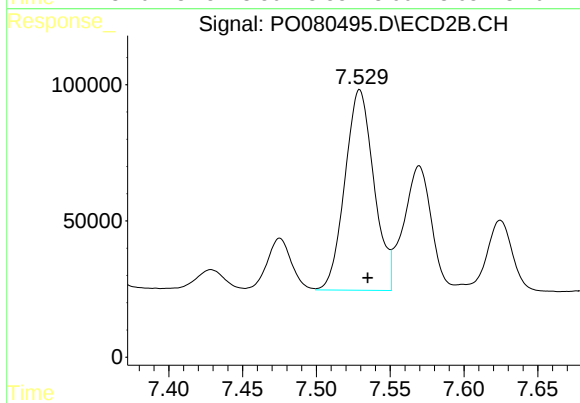
#29 AR-1254-4

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 72090
Conc: 55.39 ng/ml



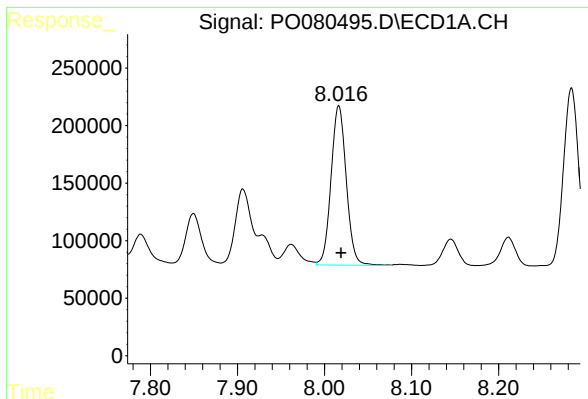
#30 AR-1254-5

R.T.: 8.577 min
Delta R.T.: -0.004 min
Response: 2340780
Conc: 756.55 ng/ml



#30 AR-1254-5

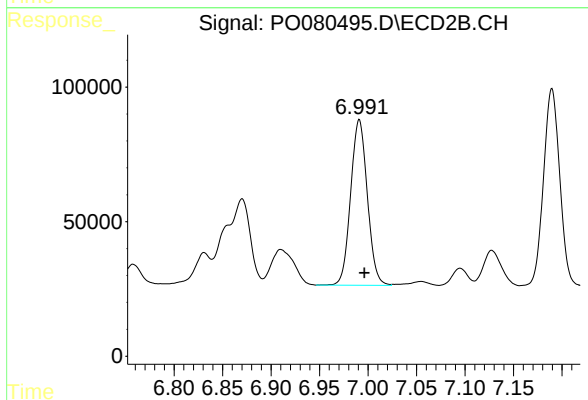
R.T.: 7.529 min
Delta R.T.: -0.005 min
Response: 1005073
Conc: 572.88 ng/ml



#31 AR-1260-1

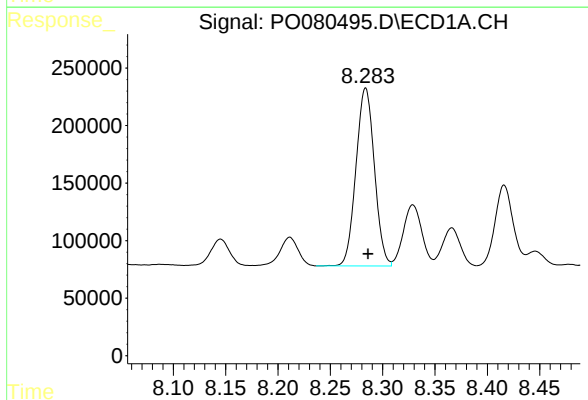
R.T.: 8.016 min
Delta R.T.: -0.003 min
Response: 1682816
Conc: 588.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



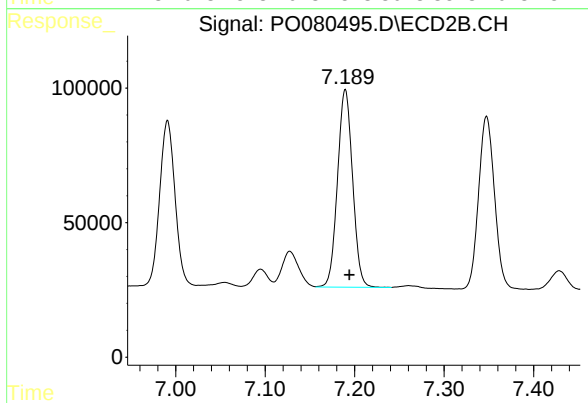
#31 AR-1260-1

R.T.: 6.991 min
Delta R.T.: -0.005 min
Response: 736888
Conc: 549.80 ng/ml



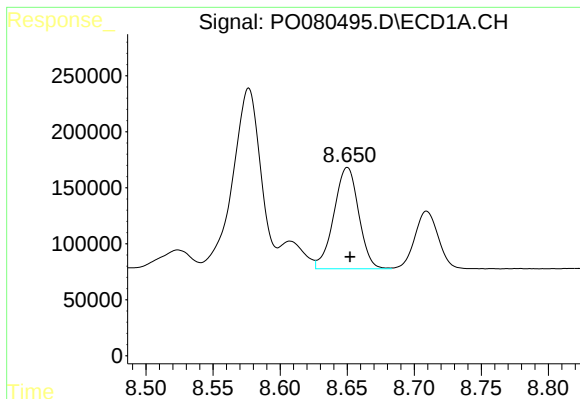
#32 AR-1260-2

R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 1892444
Conc: 569.46 ng/ml



#32 AR-1260-2

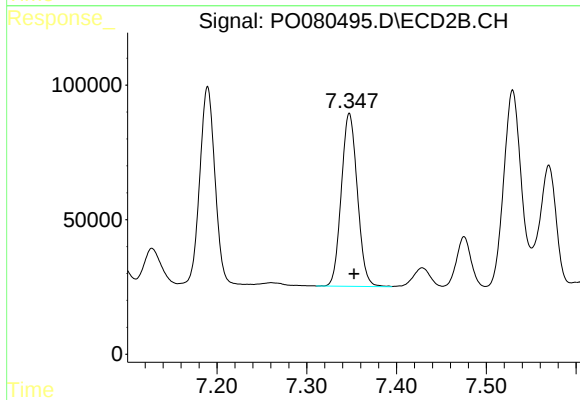
R.T.: 7.190 min
Delta R.T.: -0.005 min
Response: 858038
Conc: 516.27 ng/ml



#33 AR-1260-3

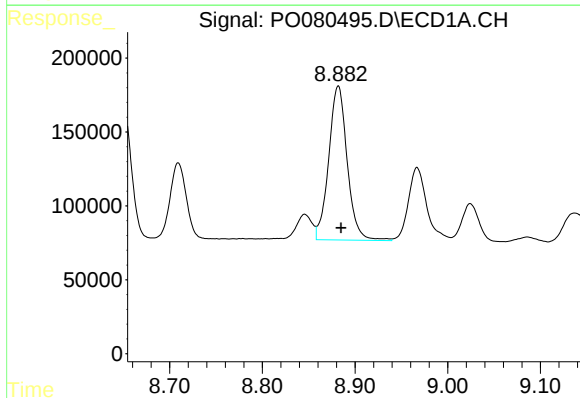
R.T.: 8.650 min
Delta R.T.: -0.002 min
Response: 1163335
Conc: 464.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



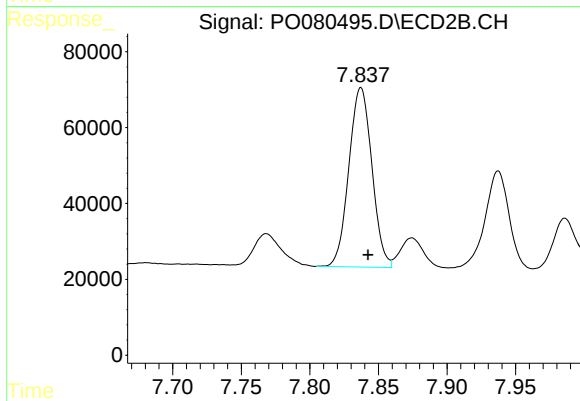
#33 AR-1260-3

R.T.: 7.347 min
Delta R.T.: -0.005 min
Response: 796609
Conc: 521.09 ng/ml



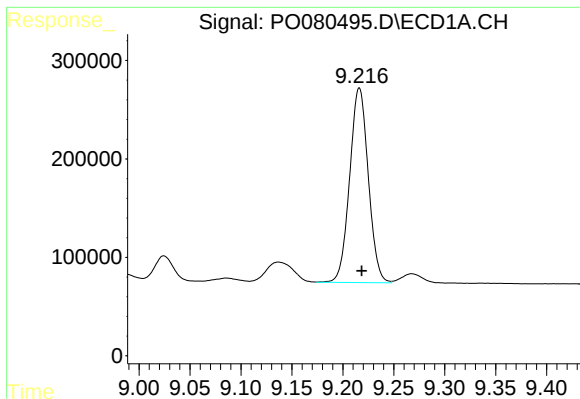
#34 AR-1260-4

R.T.: 8.882 min
Delta R.T.: -0.003 min
Response: 1445978
Conc: 499.86 ng/ml



#34 AR-1260-4

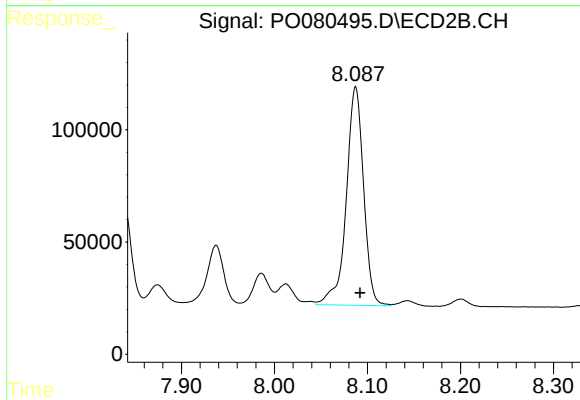
R.T.: 7.837 min
Delta R.T.: -0.005 min
Response: 553189
Conc: 441.72 ng/ml



#35 AR-1260-5

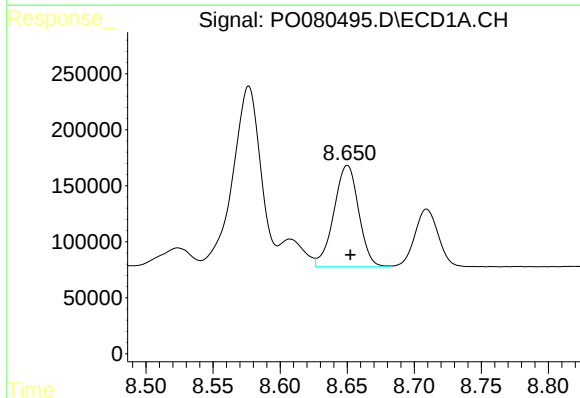
R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 2513410
Conc: 441.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



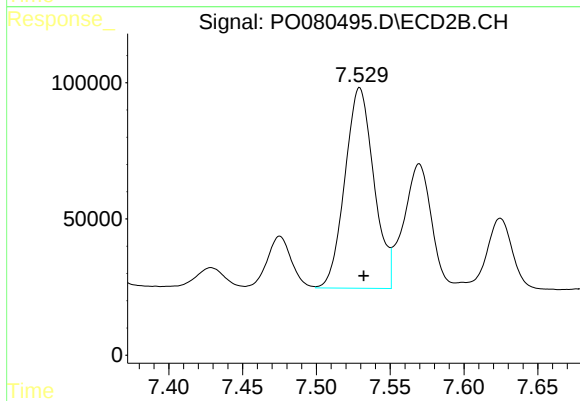
#35 AR-1260-5

R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 1261255
Conc: 435.95 ng/ml



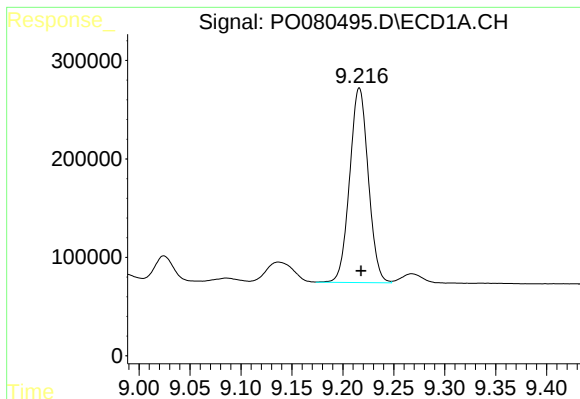
#36 AR-1262-1

R.T.: 8.650 min
Delta R.T.: -0.002 min
Response: 1163335
Conc: 304.23 ng/ml



#36 AR-1262-1

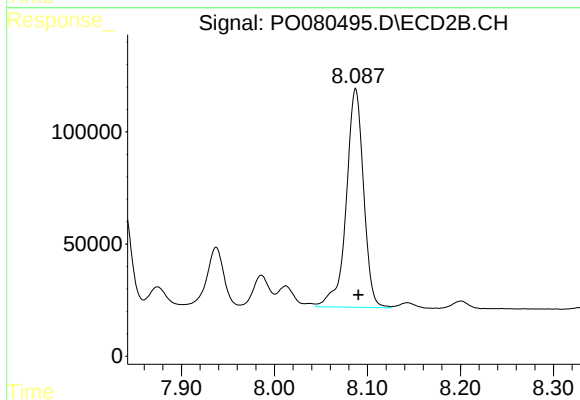
R.T.: 7.529 min
Delta R.T.: -0.003 min
Response: 1005073
Conc: 1001.31 ng/ml



#37 AR-1262-2

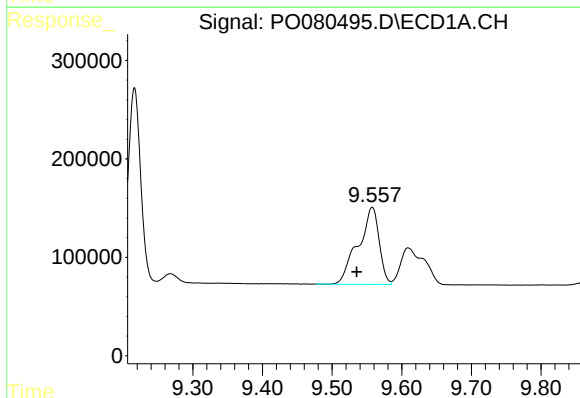
R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 2513410
Conc: 371.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



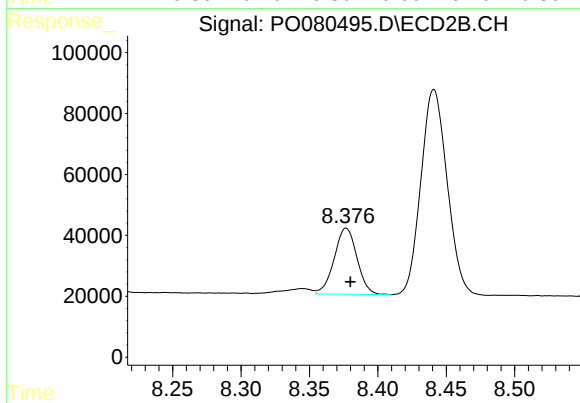
#37 AR-1262-2

R.T.: 8.087 min
Delta R.T.: -0.003 min
Response: 1261255
Conc: 395.01 ng/ml



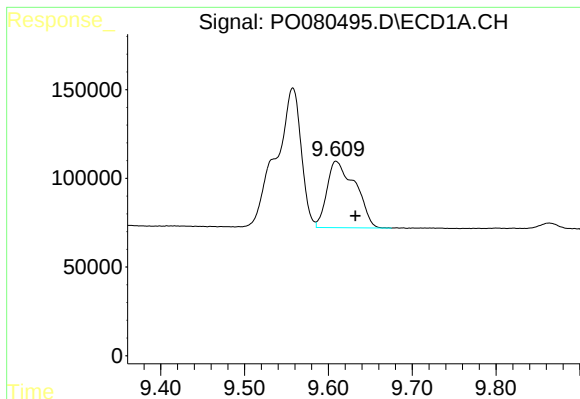
#38 AR-1262-3

R.T.: 9.558 min
Delta R.T.: 0.022 min
Response: 1643437
Conc: 549.16 ng/ml



#38 AR-1262-3

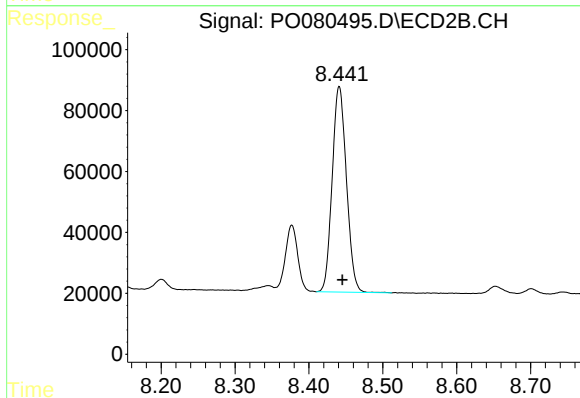
R.T.: 8.377 min
Delta R.T.: -0.003 min
Response: 251831
Conc: 191.42 ng/ml



#39 AR-1262-4

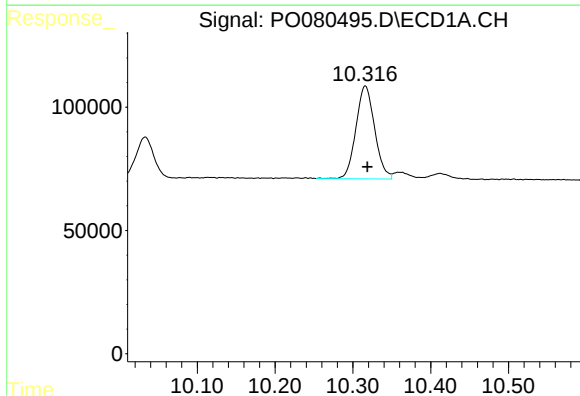
R.T.: 9.609 min
Delta R.T.: -0.023 min
Response: 880393
Conc: 500.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



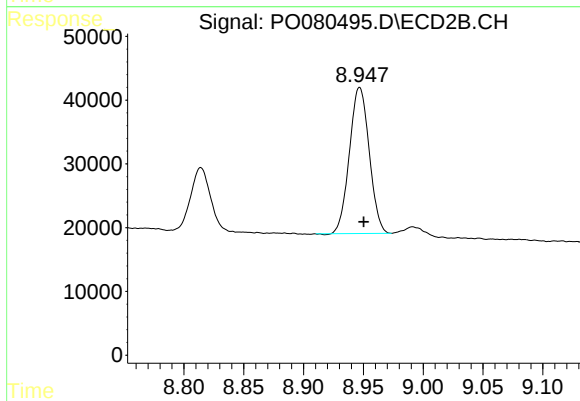
#39 AR-1262-4

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 903516
Conc: 382.85 ng/ml



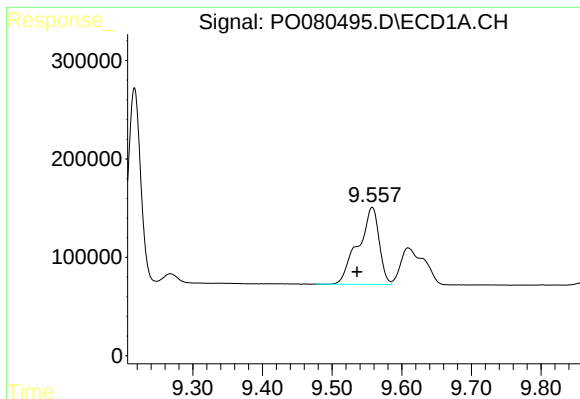
#40 AR-1262-5

R.T.: 10.316 min
Delta R.T.: -0.003 min
Response: 630701
Conc: 254.21 ng/ml



#40 AR-1262-5

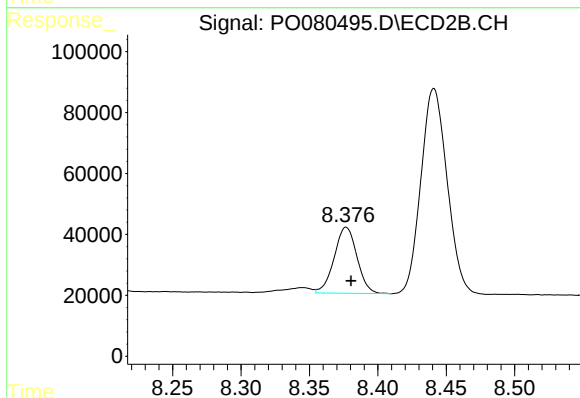
R.T.: 8.947 min
Delta R.T.: -0.003 min
Response: 263586
Conc: 236.78 ng/ml



#41 AR-1268-1

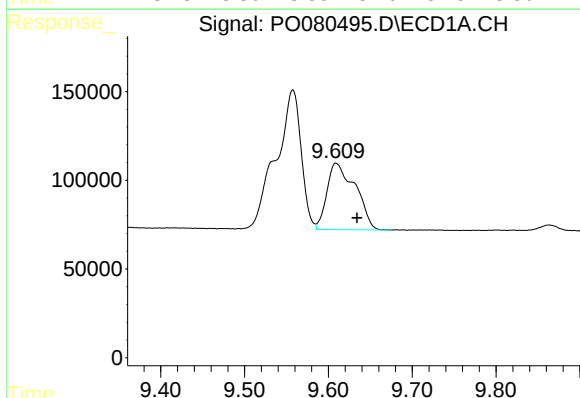
R.T.: 9.558 min
Delta R.T.: 0.022 min
Response: 1643437
Conc: 205.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



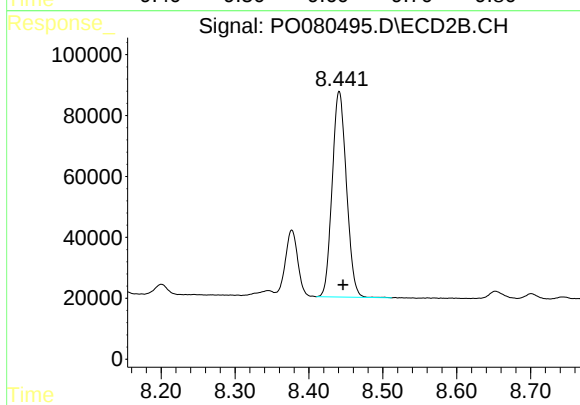
#41 AR-1268-1

R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 251831
Conc: 67.42 ng/ml



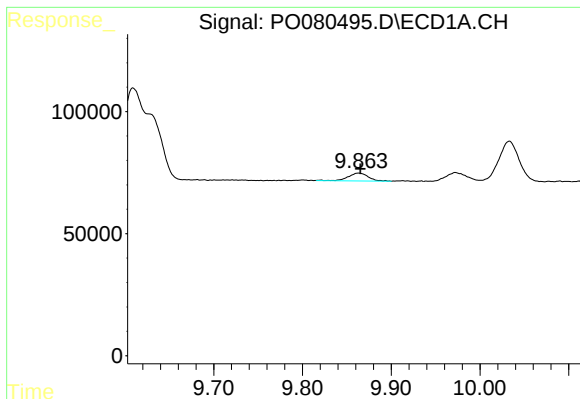
#42 AR-1268-2

R.T.: 9.609 min
Delta R.T.: -0.025 min
Response: 880393
Conc: 121.12 ng/ml



#42 AR-1268-2

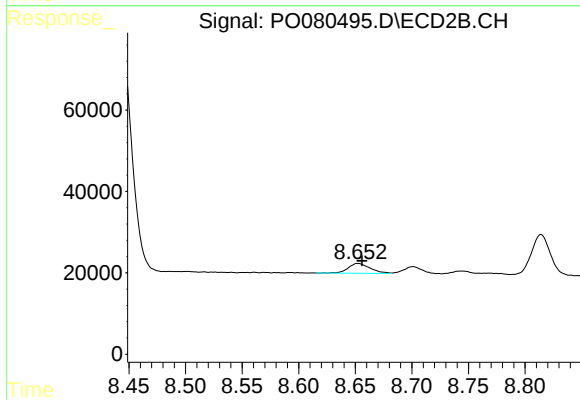
R.T.: 8.441 min
Delta R.T.: -0.005 min
Response: 903516
Conc: 270.51 ng/ml



#43 AR-1268-3

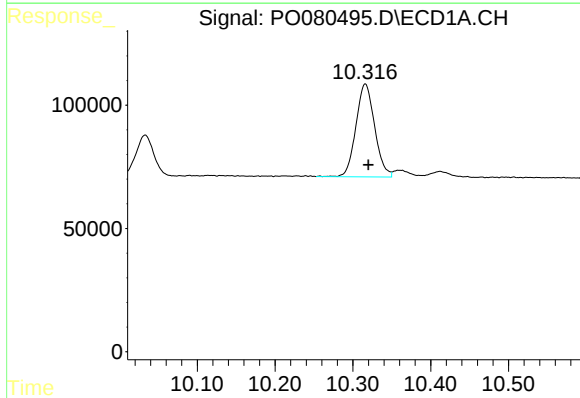
R.T.: 9.863 min
Delta R.T.: -0.002 min
Response: 50764
Conc: 8.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



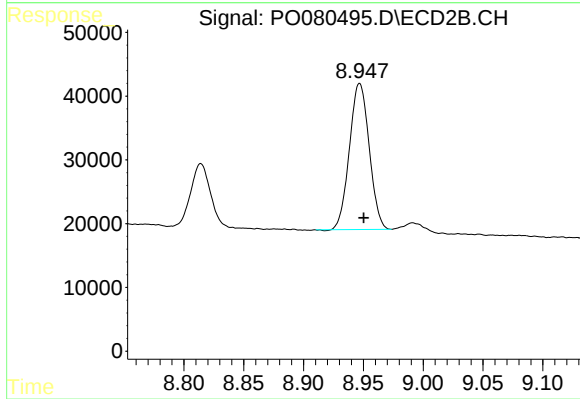
#43 AR-1268-3

R.T.: 8.652 min
Delta R.T.: -0.004 min
Response: 32238
Conc: 11.32 ng/ml



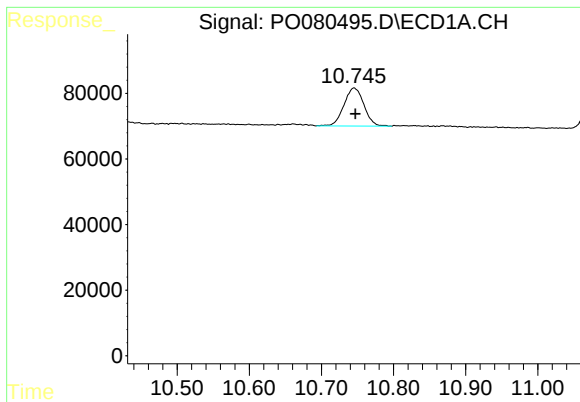
#44 AR-1268-4

R.T.: 10.316 min
Delta R.T.: -0.004 min
Response: 630701
Conc: 226.10 ng/ml



#44 AR-1268-4

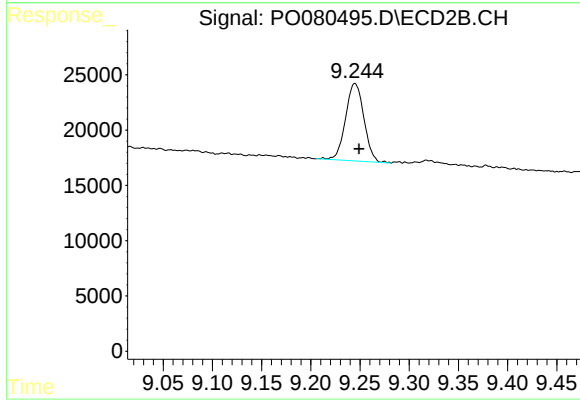
R.T.: 8.947 min
Delta R.T.: -0.003 min
Response: 263586
Conc: 214.57 ng/ml



#45 AR-1268-5

R.T.: 10.745 min
Delta R.T.: -0.002 min
Response: 222390
Conc: 11.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.245 min
Delta R.T.: -0.004 min
Response: 91124
Conc: 10.70 ng/ml