

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0032122\
 Data File : P0085529.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Mar 2022 11:19
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 15:44:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0031522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 16 04:43:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.498	3.591	11811079	2277236	57.762	53.153
2)	SA Decachlor...	10.404	8.610	5105300	1535697	42.471	39.999
Target Compounds							
3)	L1 AR-1016-1	5.686	4.680	3691128	819622	586.532	513.587
4)	L1 AR-1016-2	5.709	4.698	5385712	1158510	587.961	500.703
5)	L1 AR-1016-3	5.772	4.874	3192980	637989	586.601	510.487
6)	L1 AR-1016-4	5.872	4.917	2619425	538272	593.834	493.087
7)	L1 AR-1016-5	6.171	5.130	2493265	669340	587.179	494.858
8)	L2 AR-1221-1	4.704	3.804	365674	84602	165.778	164.044
9)	L2 AR-1221-2	4.797	3.891	525999	126473	322.897	301.198
10)	L2 AR-1221-3	4.875	3.967	1985096	464662	386.049	362.356
11)	L3 AR-1232-1	4.875	3.967	1985096	464662	421.808	392.192
12)	L3 AR-1232-2	5.414	4.698	2754547	1158510	1195.345	1063.290
13)	L3 AR-1232-3	5.709	4.874	5385712	637989	1276.303	1049.877
14)	L3 AR-1232-4	5.872	4.959	2619425	648941	1304.514	1164.425
15)	L3 AR-1232-5	5.964	5.130	2245814	669340	1525.894	1085.567 #
16)	L4 AR-1242-1	5.686	4.680	3691128	819622	726.054	627.274
17)	L4 AR-1242-2	5.709	4.698	5385712	1158510	725.526	626.891
18)	L4 AR-1242-3	5.772	4.874	3192980	637989	726.582	630.954
19)	L4 AR-1242-4	5.872	4.959	2619425	648941	721.868	624.311
20)	L4 AR-1242-5	6.620	5.483	340793	489410	95.907	396.561 #
21)	L5 AR-1248-1	5.686	4.680	3691128	819622	990.159	847.768
22)	L5 AR-1248-2	5.964	4.917	2245814	538272	423.698	367.597
23)	L5 AR-1248-3	6.171	4.959	2493265	648941	423.783	423.386
24)	L5 AR-1248-4	6.579	5.130	397080	669340	61.592	380.804 #
25)	L5 AR-1248-5	6.620	5.523	340793	87009	55.044	50.657
26)	L6 AR-1254-1	6.553	5.483	1589698	489410	239.872	186.214
27)	L6 AR-1254-2	6.774	5.632	1605518	446918	160.428	191.532
28)	L6 AR-1254-3	7.145	6.015	864280	189677	83.980	51.643 #
29)	L6 AR-1254-4	7.434	6.265	560400	119816	79.876	54.091 #
30)	L6 AR-1254-5	7.857	6.684	4170256	1403299	545.020	431.415
31)	L7 AR-1260-1	7.312	6.167	3352859	1101976	485.922	464.807
32)	L7 AR-1260-2	7.571	6.356	3753142	1294380	479.780	463.672
33)	L7 AR-1260-3	7.935	6.509	2682269	1202499	456.664	457.365
34)	L7 AR-1260-4	8.165	6.983	2953608	975319	427.624	435.447
35)	L7 AR-1260-5	8.497	7.227	5875493	2197942	418.210	436.289
36)	L8 AR-1262-1	7.935	6.684	2682269	1403299	296.979	817.305 #
37)	L8 AR-1262-2	8.497	6.983	5875493	975319	368.750	340.571
38)	L8 AR-1262-3	8.836	7.512	3646405	509953	352.783	232.854 #
39)	L8 AR-1262-4	8.915	7.574	874268	1570465	186.139	393.540 #
40)	L8 AR-1262-5	9.605	8.072	1562469	556681	293.808	303.622
41)	L9 AR-1268-1	8.836	7.512	3646405	509953	188.939	76.784 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

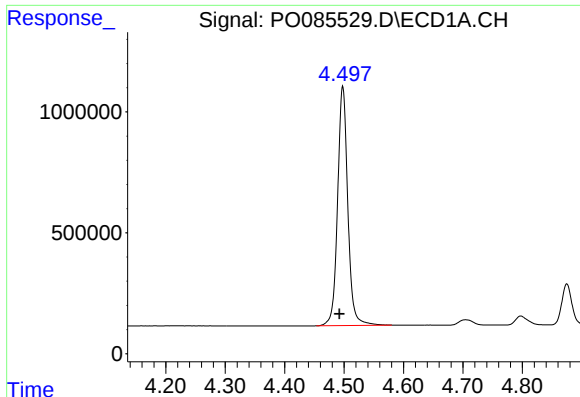
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 15:44:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031522.M
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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	8.915	7.574	874268	1570465	50.316	266.455 #
43) L9	AR-1268-3	9.158	7.783	60103	25203	4.072	5.073
44) L9	AR-1268-4	9.605	8.072	1562469	556681	256.080	262.321
45) L9	AR-1268-5	10.044	8.359	443821	142328	9.194	10.163

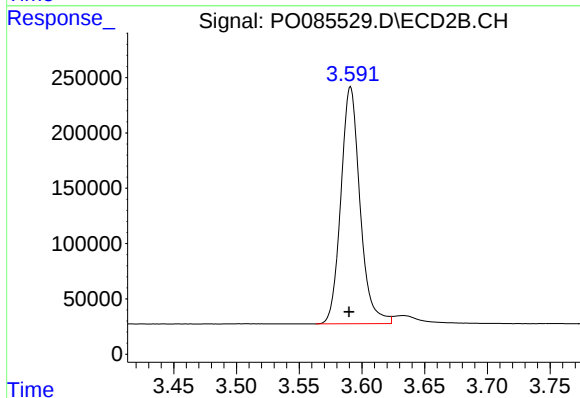
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

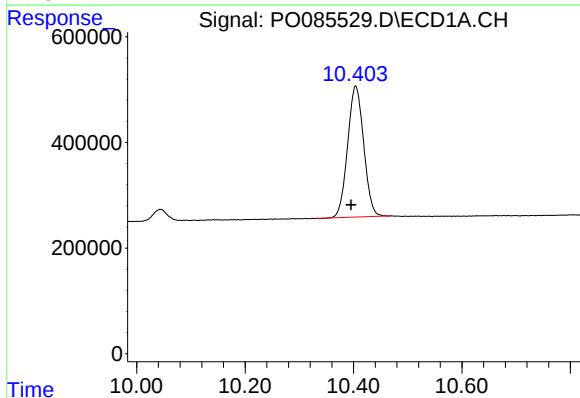
R.T.: 4.498 min
Delta R.T.: 0.006 min
Response: 11811079
Conc: 57.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



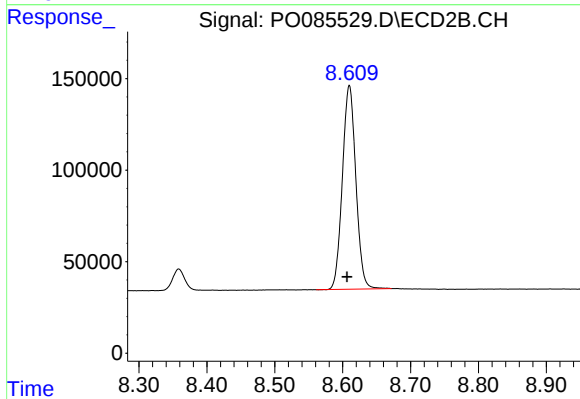
#1 Tetrachloro-m-xylene

R.T.: 3.591 min
Delta R.T.: 0.001 min
Response: 2277236
Conc: 53.15 ng/ml



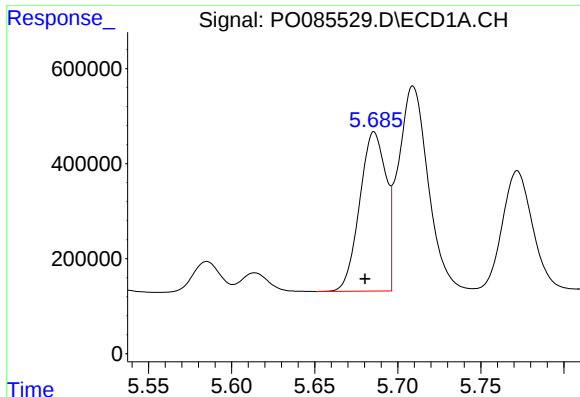
#2 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: 0.009 min
Response: 5105300
Conc: 42.47 ng/ml



#2 Decachlorobiphenyl

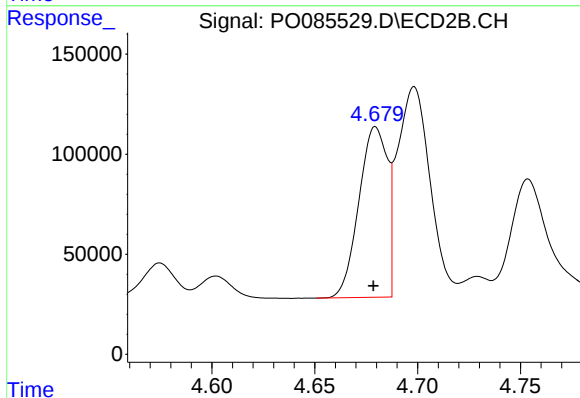
R.T.: 8.610 min
Delta R.T.: 0.004 min
Response: 1535697
Conc: 40.00 ng/ml



#3 AR-1016-1

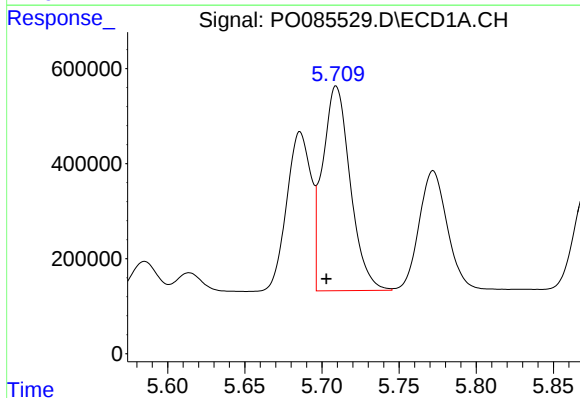
R.T.: 5.686 min
Delta R.T.: 0.006 min
Response: 3691128
Conc: 586.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



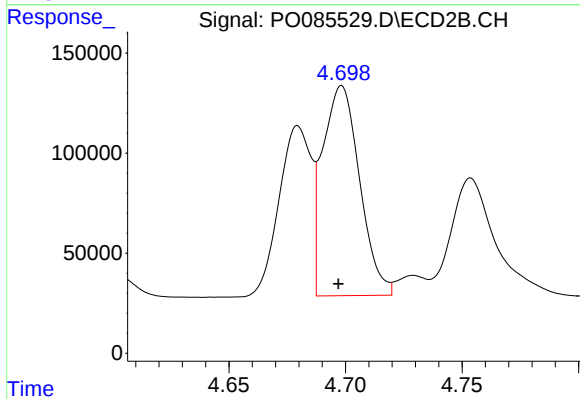
#3 AR-1016-1

R.T.: 4.680 min
Delta R.T.: 0.001 min
Response: 819622
Conc: 513.59 ng/ml



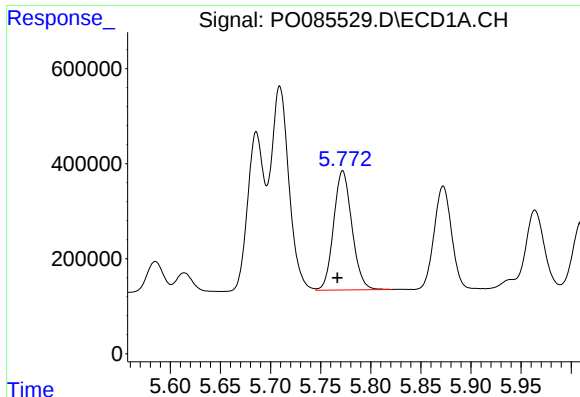
#4 AR-1016-2

R.T.: 5.709 min
Delta R.T.: 0.006 min
Response: 5385712
Conc: 587.96 ng/ml



#4 AR-1016-2

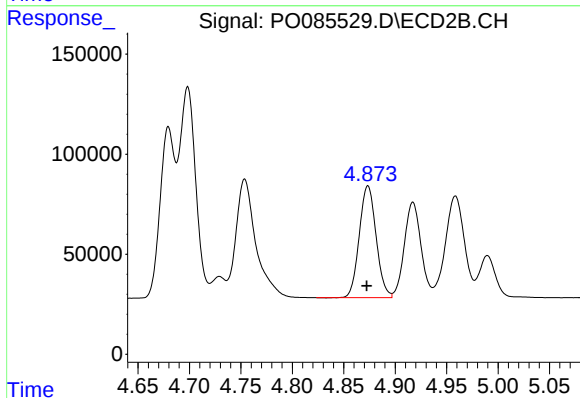
R.T.: 4.698 min
Delta R.T.: 0.001 min
Response: 1158510
Conc: 500.70 ng/ml



#5 AR-1016-3

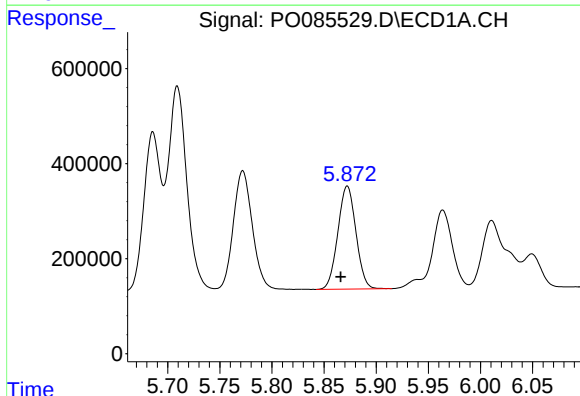
R.T.: 5.772 min
Delta R.T.: 0.005 min
Response: 3192980
Conc: 586.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



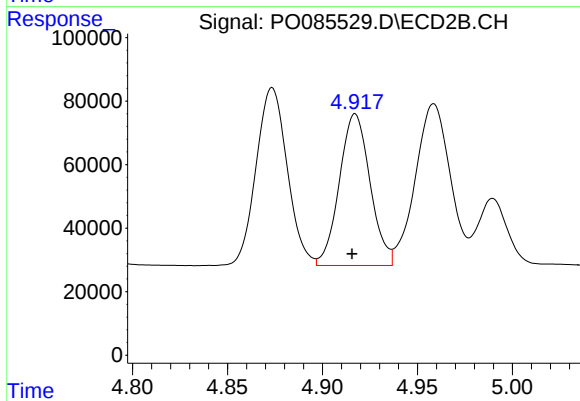
#5 AR-1016-3

R.T.: 4.874 min
Delta R.T.: 0.001 min
Response: 637989
Conc: 510.49 ng/ml



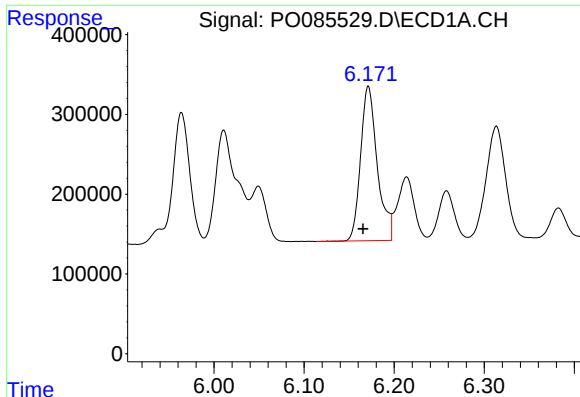
#6 AR-1016-4

R.T.: 5.872 min
Delta R.T.: 0.006 min
Response: 2619425
Conc: 593.83 ng/ml



#6 AR-1016-4

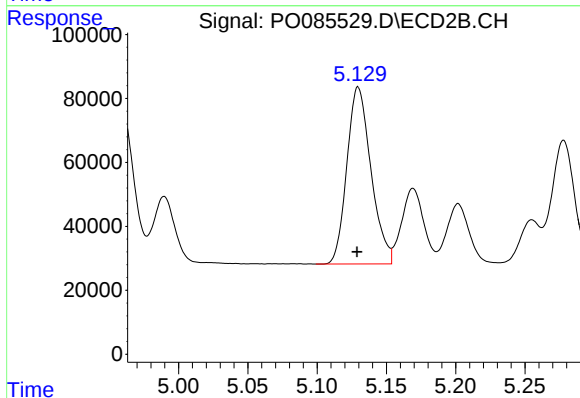
R.T.: 4.917 min
Delta R.T.: 0.002 min
Response: 538272
Conc: 493.09 ng/ml



#7 AR-1016-5

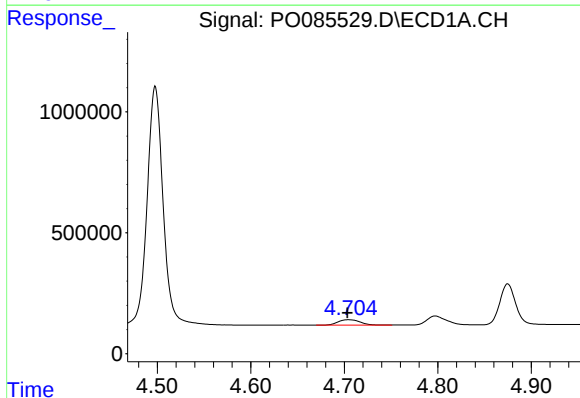
R.T.: 6.171 min
Delta R.T.: 0.006 min
Response: 2493265
Conc: 587.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



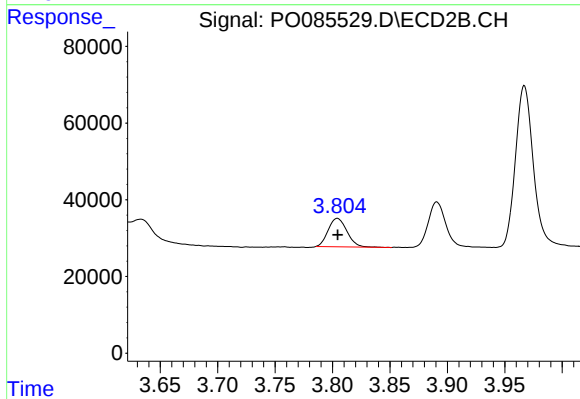
#7 AR-1016-5

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 669340
Conc: 494.86 ng/ml



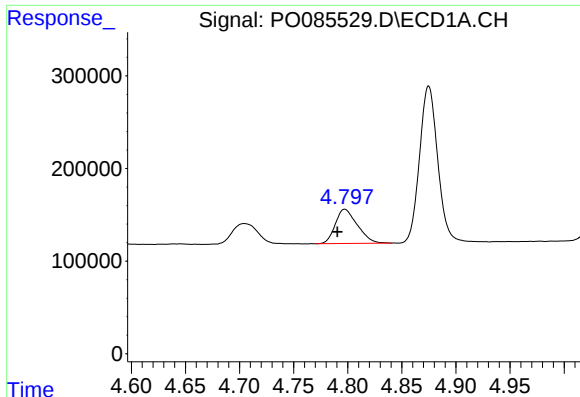
#8 AR-1221-1

R.T.: 4.704 min
Delta R.T.: 0.001 min
Response: 365674
Conc: 165.78 ng/ml



#8 AR-1221-1

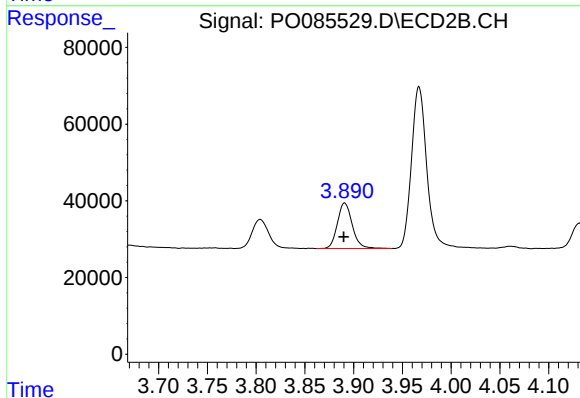
R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 84602
Conc: 164.04 ng/ml



#9 AR-1221-2

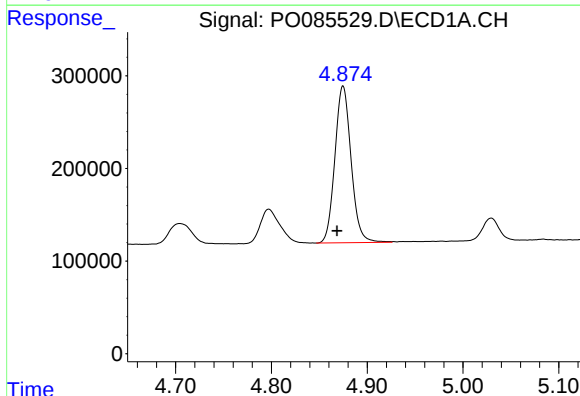
R.T.: 4.797 min
Delta R.T.: 0.007 min
Response: 525999
Conc: 322.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



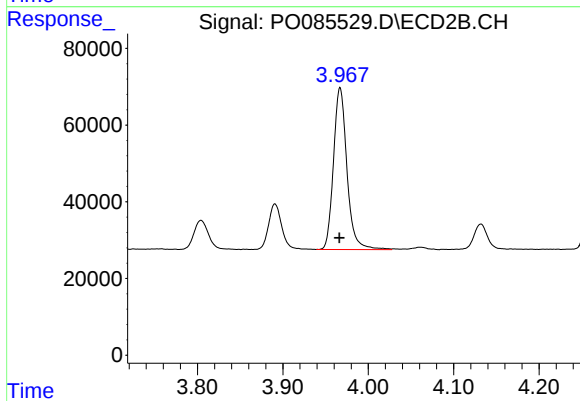
#9 AR-1221-2

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 126473
Conc: 301.20 ng/ml



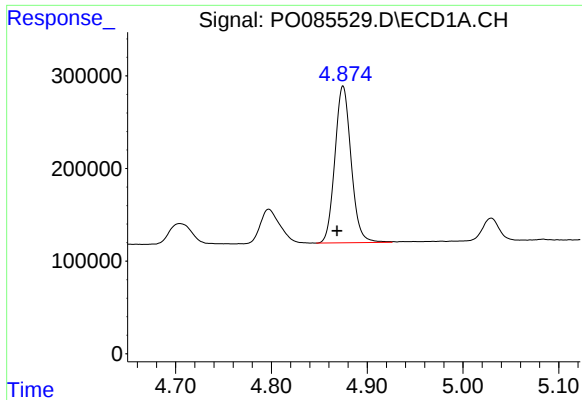
#10 AR-1221-3

R.T.: 4.875 min
Delta R.T.: 0.006 min
Response: 1985096
Conc: 386.05 ng/ml



#10 AR-1221-3

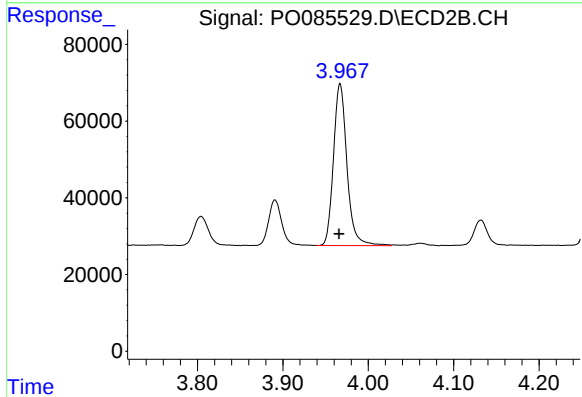
R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 464662
Conc: 362.36 ng/ml



#11 AR-1232-1

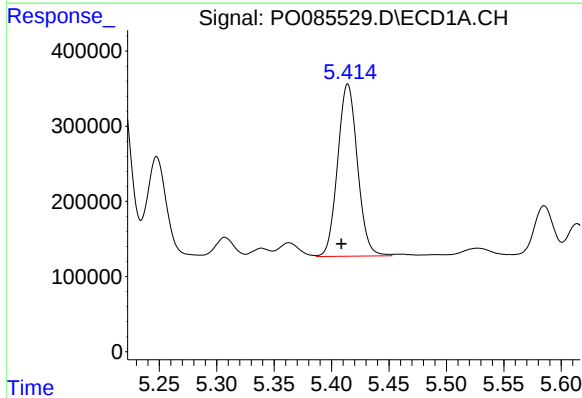
R.T.: 4.875 min
Delta R.T.: 0.006 min
Response: 1985096
Conc: 421.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



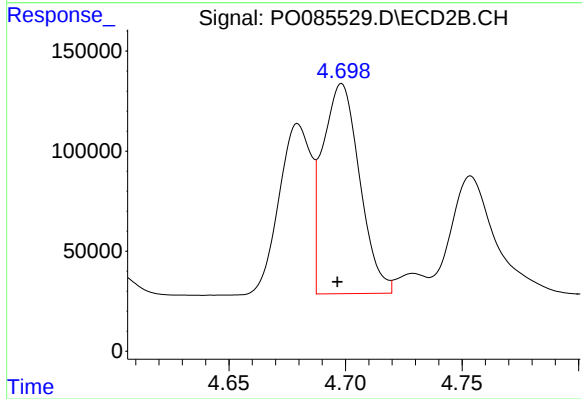
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: 0.001 min
Response: 464662
Conc: 392.19 ng/ml



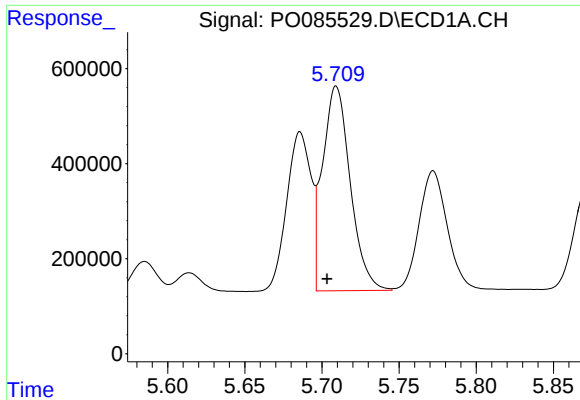
#12 AR-1232-2

R.T.: 5.414 min
Delta R.T.: 0.006 min
Response: 2754547
Conc: 1195.34 ng/ml



#12 AR-1232-2

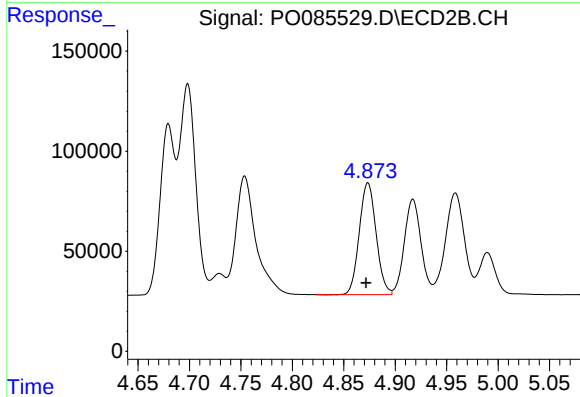
R.T.: 4.698 min
Delta R.T.: 0.002 min
Response: 1158510
Conc: 1063.29 ng/ml



#13 AR-1232-3

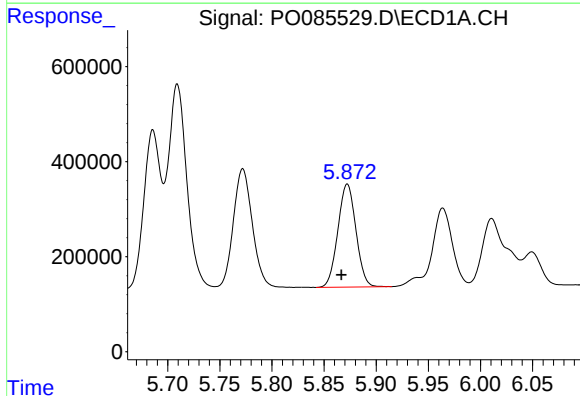
R.T.: 5.709 min
Delta R.T.: 0.006 min
Response: 5385712
Conc: 1276.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



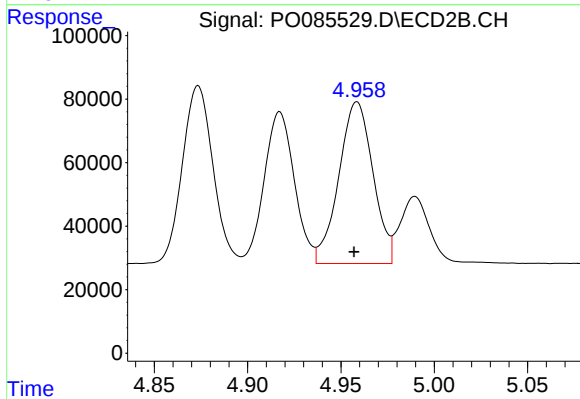
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: 0.002 min
Response: 637989
Conc: 1049.88 ng/ml



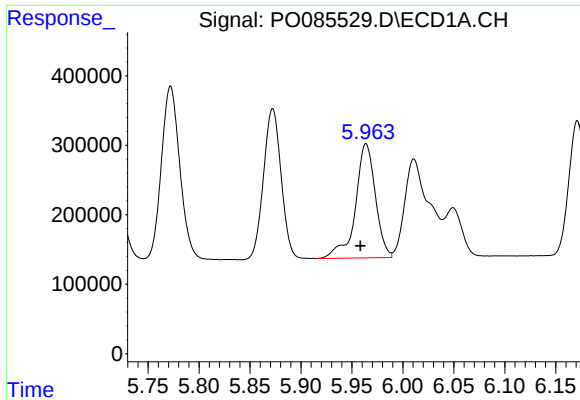
#14 AR-1232-4

R.T.: 5.872 min
Delta R.T.: 0.006 min
Response: 2619425
Conc: 1304.51 ng/ml



#14 AR-1232-4

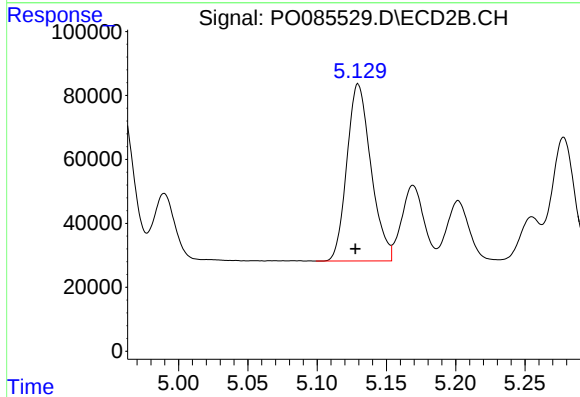
R.T.: 4.959 min
Delta R.T.: 0.002 min
Response: 648941
Conc: 1164.43 ng/ml



#15 AR-1232-5

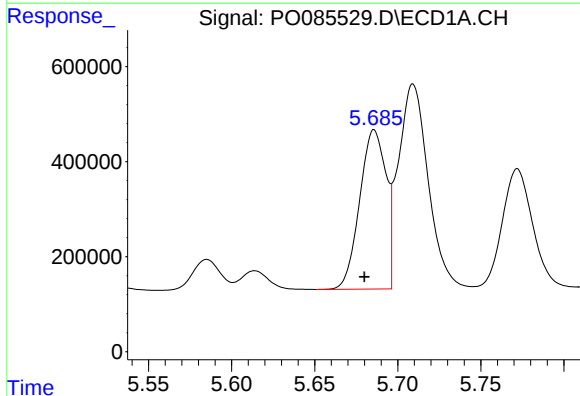
R.T.: 5.964 min
Delta R.T.: 0.005 min
Response: 2245814
Conc: 1525.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



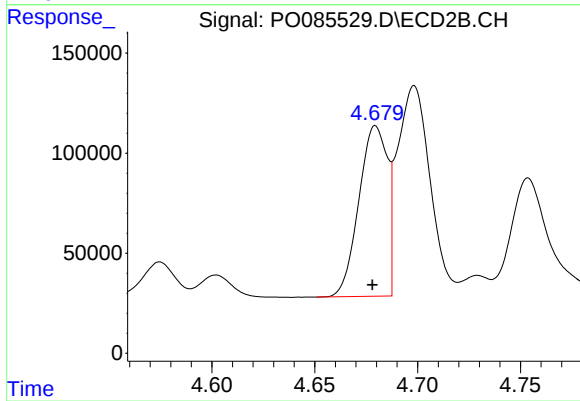
#15 AR-1232-5

R.T.: 5.130 min
Delta R.T.: 0.002 min
Response: 669340
Conc: 1085.57 ng/ml



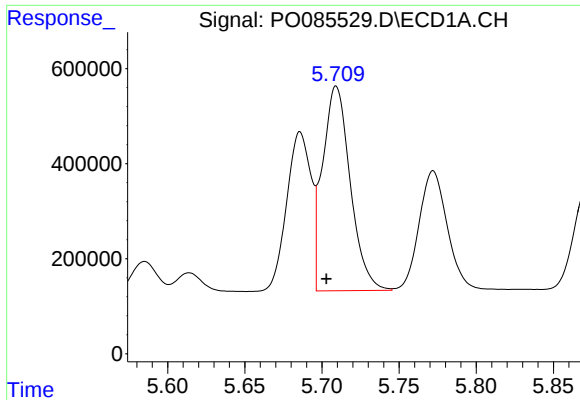
#16 AR-1242-1

R.T.: 5.686 min
Delta R.T.: 0.006 min
Response: 3691128
Conc: 726.05 ng/ml



#16 AR-1242-1

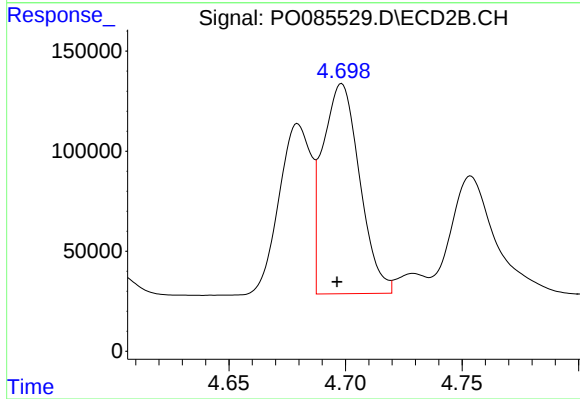
R.T.: 4.680 min
Delta R.T.: 0.002 min
Response: 819622
Conc: 627.27 ng/ml



#17 AR-1242-2

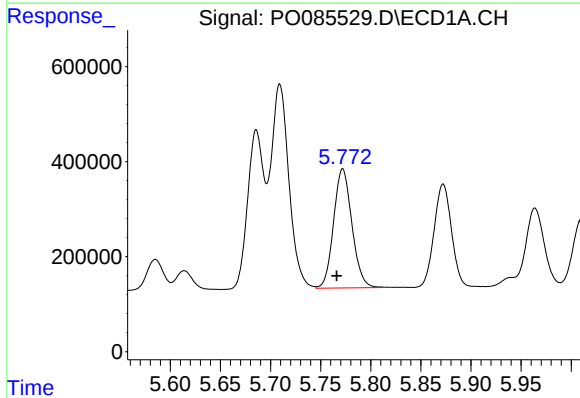
R.T.: 5.709 min
Delta R.T.: 0.006 min
Response: 5385712
Conc: 725.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



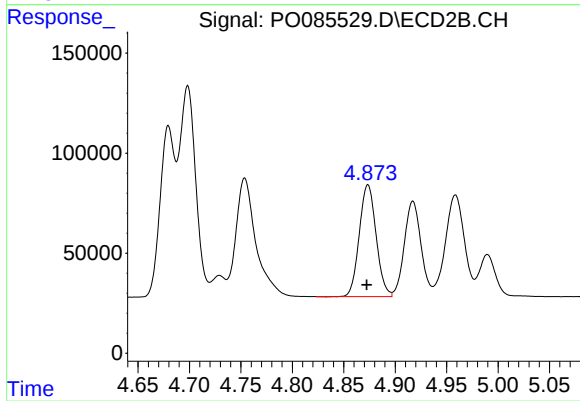
#17 AR-1242-2

R.T.: 4.698 min
Delta R.T.: 0.002 min
Response: 1158510
Conc: 626.89 ng/ml



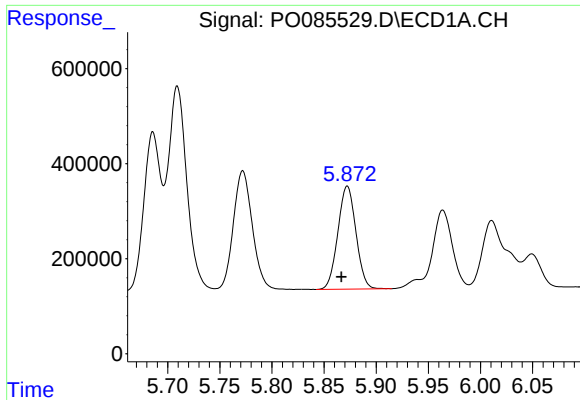
#18 AR-1242-3

R.T.: 5.772 min
Delta R.T.: 0.006 min
Response: 3192980
Conc: 726.58 ng/ml



#18 AR-1242-3

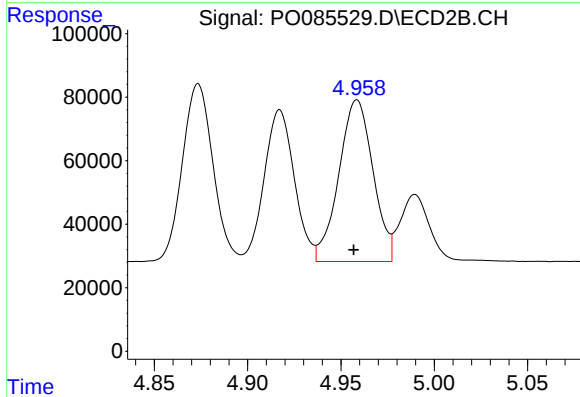
R.T.: 4.874 min
Delta R.T.: 0.001 min
Response: 637989
Conc: 630.95 ng/ml



#19 AR-1242-4

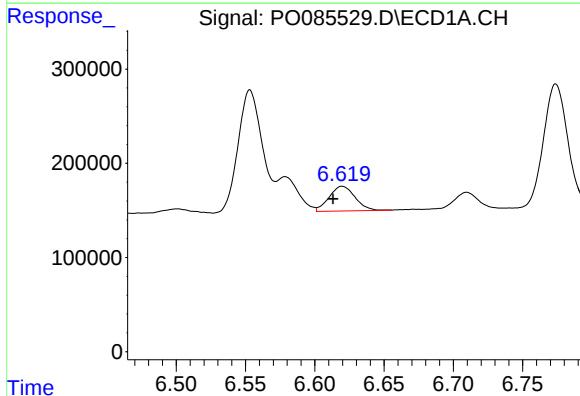
R.T.: 5.872 min
Delta R.T.: 0.006 min
Response: 2619425
Conc: 721.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



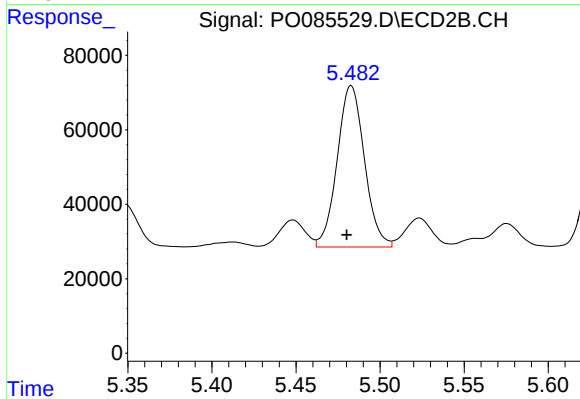
#19 AR-1242-4

R.T.: 4.959 min
Delta R.T.: 0.002 min
Response: 648941
Conc: 624.31 ng/ml



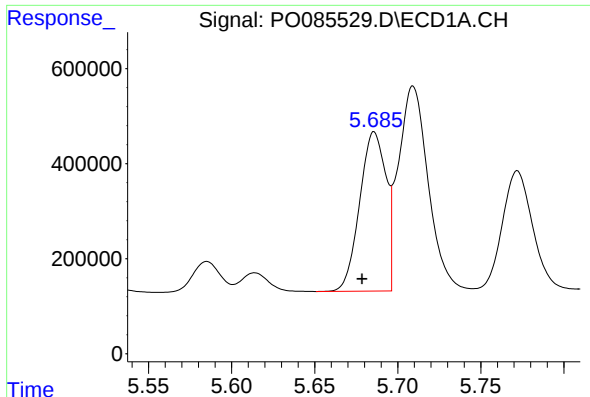
#20 AR-1242-5

R.T.: 6.620 min
Delta R.T.: 0.007 min
Response: 340793
Conc: 95.91 ng/ml



#20 AR-1242-5

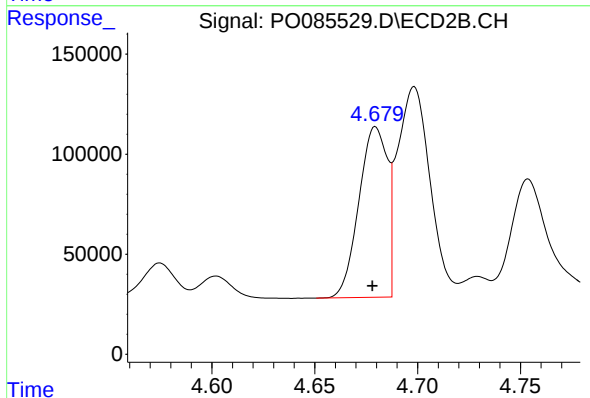
R.T.: 5.483 min
Delta R.T.: 0.003 min
Response: 489410
Conc: 396.56 ng/ml



#21 AR-1248-1

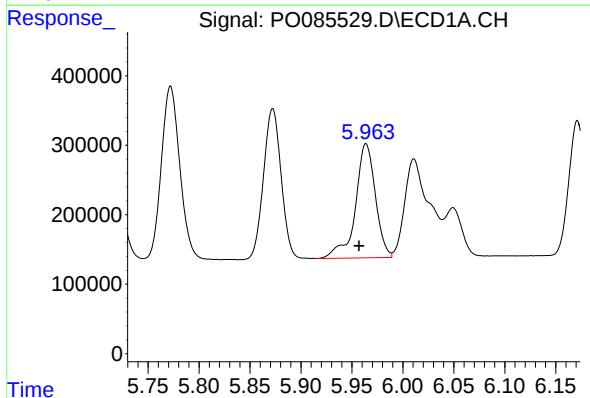
R.T.: 5.686 min
Delta R.T.: 0.007 min
Response: 3691128
Conc: 990.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



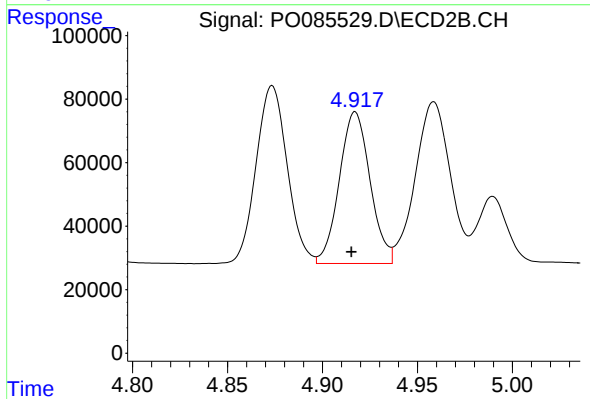
#21 AR-1248-1

R.T.: 4.680 min
Delta R.T.: 0.002 min
Response: 819622
Conc: 847.77 ng/ml



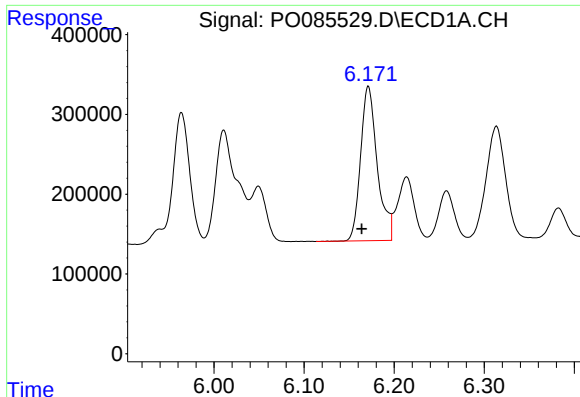
#22 AR-1248-2

R.T.: 5.964 min
Delta R.T.: 0.007 min
Response: 2245814
Conc: 423.70 ng/ml



#22 AR-1248-2

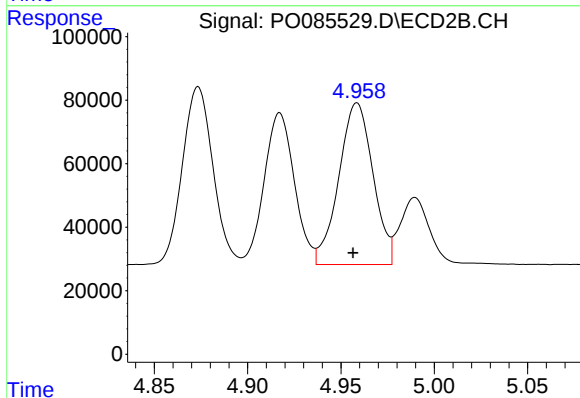
R.T.: 4.917 min
Delta R.T.: 0.002 min
Response: 538272
Conc: 367.60 ng/ml



#23 AR-1248-3

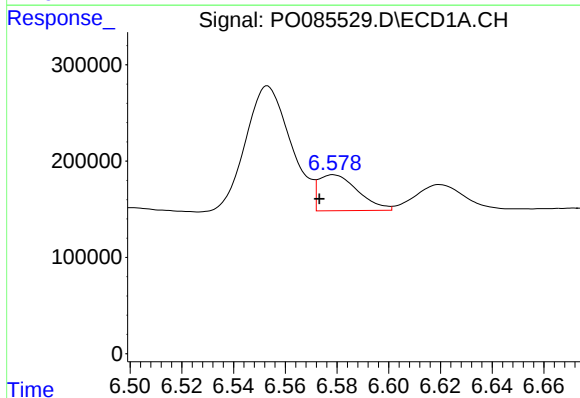
R.T.: 6.171 min
Delta R.T.: 0.007 min
Response: 2493265
Conc: 423.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



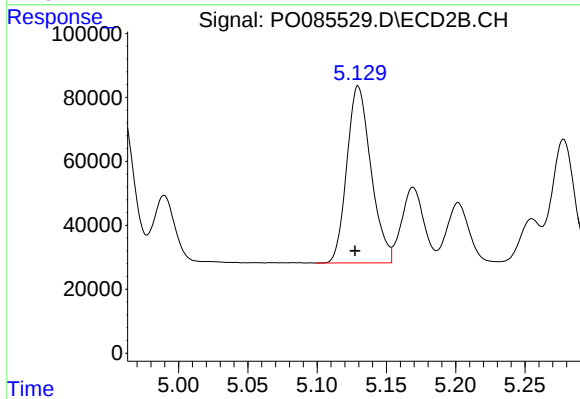
#23 AR-1248-3

R.T.: 4.959 min
Delta R.T.: 0.002 min
Response: 648941
Conc: 423.39 ng/ml



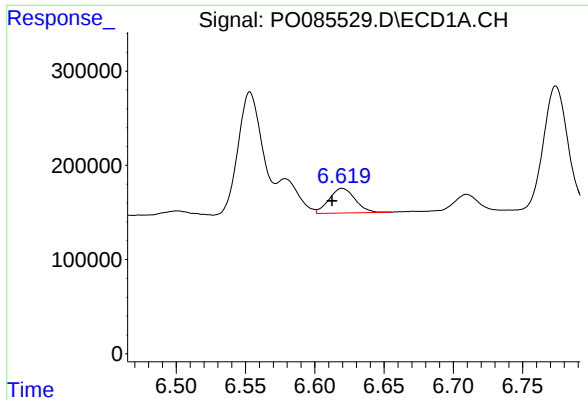
#24 AR-1248-4

R.T.: 6.579 min
Delta R.T.: 0.005 min
Response: 397080
Conc: 61.59 ng/ml



#24 AR-1248-4

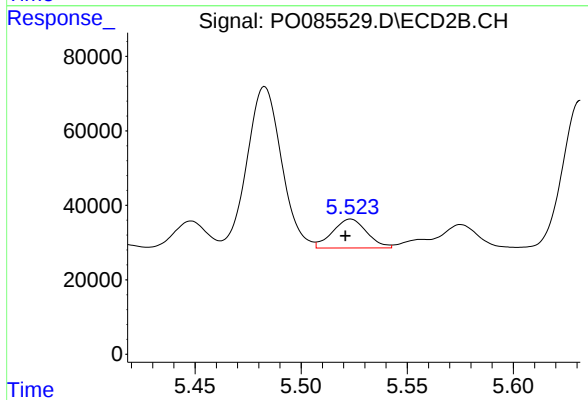
R.T.: 5.130 min
Delta R.T.: 0.002 min
Response: 669340
Conc: 380.80 ng/ml



#25 AR-1248-5

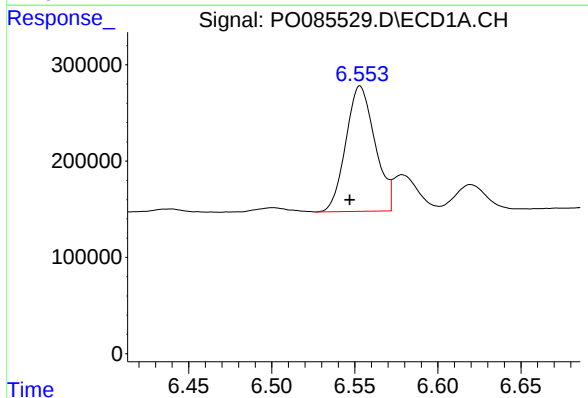
R.T.: 6.620 min
Delta R.T.: 0.007 min
Response: 340793
Conc: 55.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



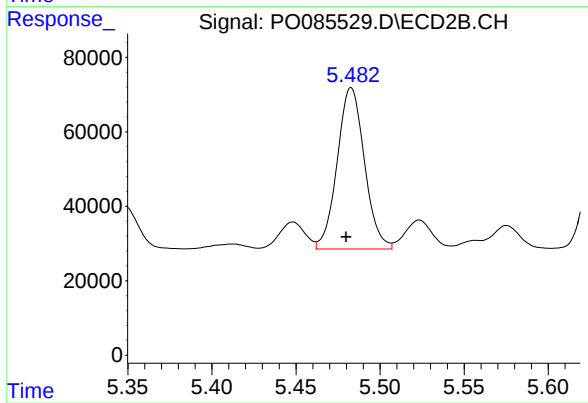
#25 AR-1248-5

R.T.: 5.523 min
Delta R.T.: 0.002 min
Response: 87009
Conc: 50.66 ng/ml



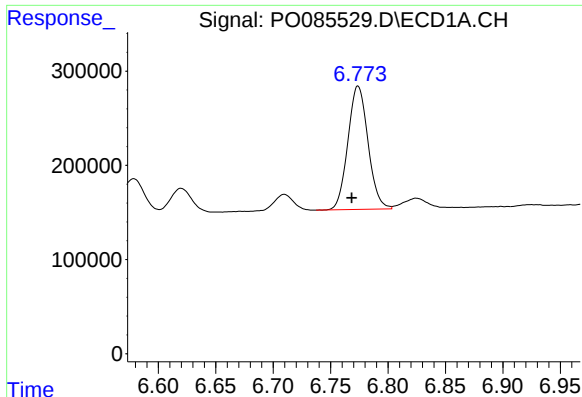
#26 AR-1254-1

R.T.: 6.553 min
Delta R.T.: 0.006 min
Response: 1589698
Conc: 239.87 ng/ml



#26 AR-1254-1

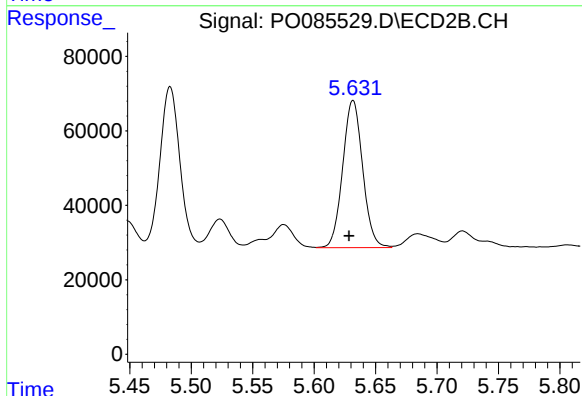
R.T.: 5.483 min
Delta R.T.: 0.003 min
Response: 489410
Conc: 186.21 ng/ml



#27 AR-1254-2

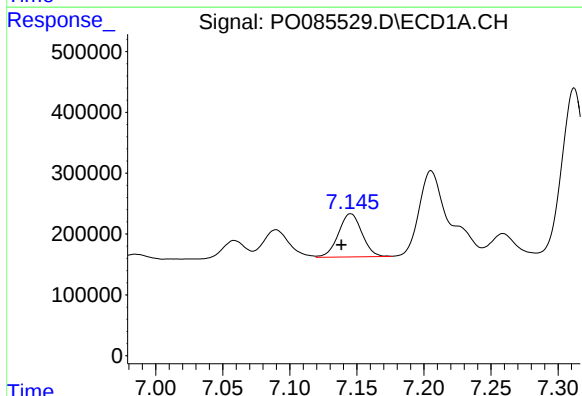
R.T.: 6.774 min
Delta R.T.: 0.006 min
Response: 1605518
Conc: 160.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



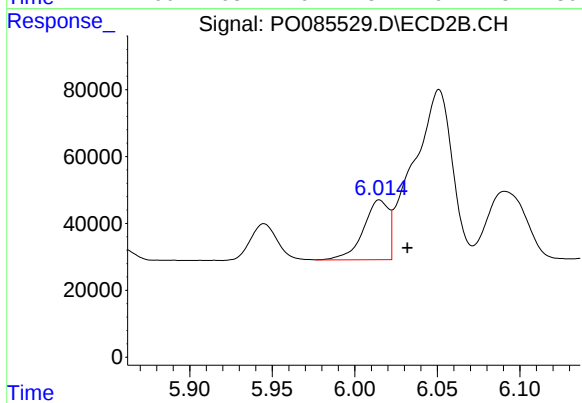
#27 AR-1254-2

R.T.: 5.632 min
Delta R.T.: 0.003 min
Response: 446918
Conc: 191.53 ng/ml



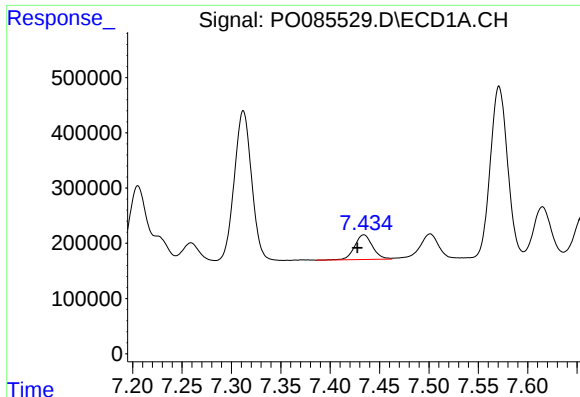
#28 AR-1254-3

R.T.: 7.145 min
Delta R.T.: 0.007 min
Response: 864280
Conc: 83.98 ng/ml



#28 AR-1254-3

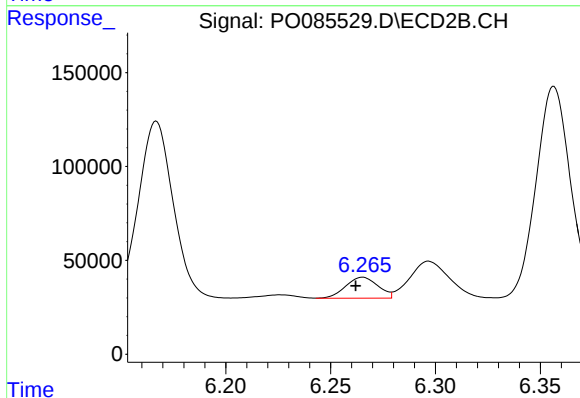
R.T.: 6.015 min
Delta R.T.: -0.017 min
Response: 189677
Conc: 51.64 ng/ml



#29 AR-1254-4

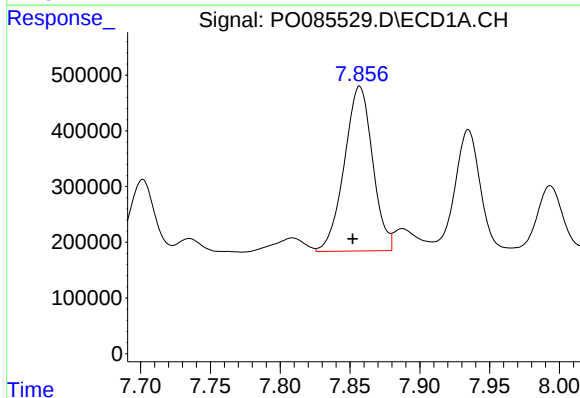
R.T.: 7.434 min
Delta R.T.: 0.006 min
Response: 560400
Conc: 79.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



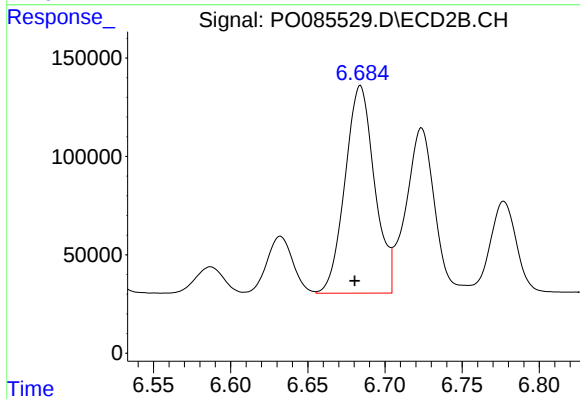
#29 AR-1254-4

R.T.: 6.265 min
Delta R.T.: 0.003 min
Response: 119816
Conc: 54.09 ng/ml



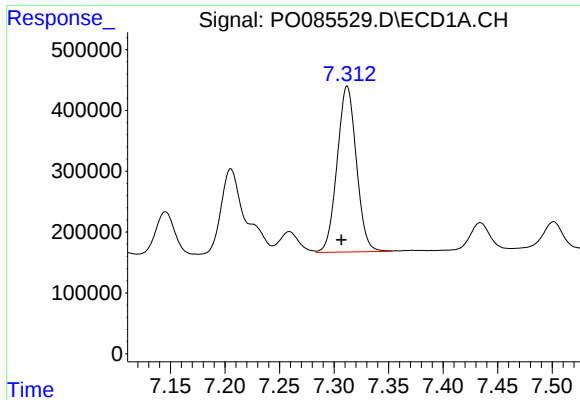
#30 AR-1254-5

R.T.: 7.857 min
Delta R.T.: 0.005 min
Response: 4170256
Conc: 545.02 ng/ml



#30 AR-1254-5

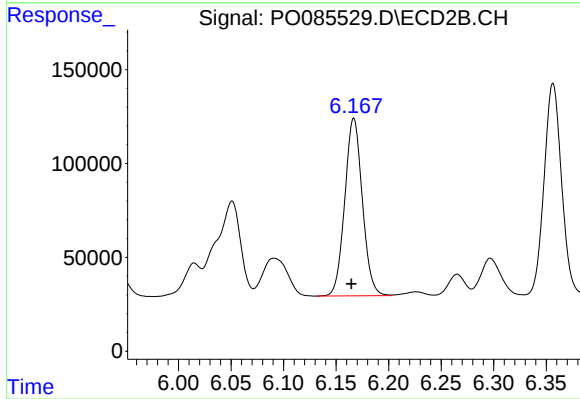
R.T.: 6.684 min
Delta R.T.: 0.004 min
Response: 1403299
Conc: 431.42 ng/ml



#31 AR-1260-1

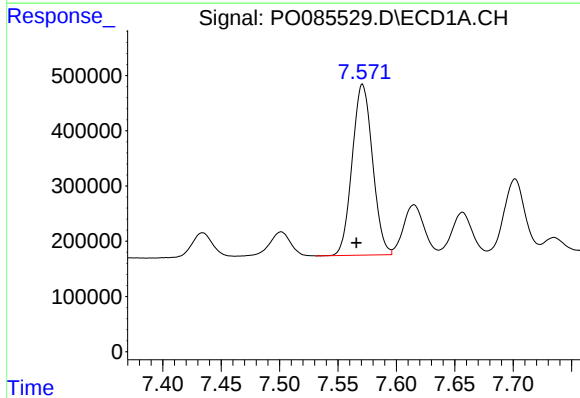
R.T.: 7.312 min
Delta R.T.: 0.005 min
Response: 3352859
Conc: 485.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



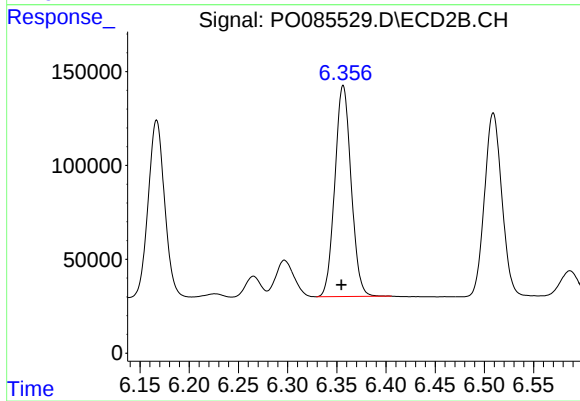
#31 AR-1260-1

R.T.: 6.167 min
Delta R.T.: 0.002 min
Response: 1101976
Conc: 464.81 ng/ml



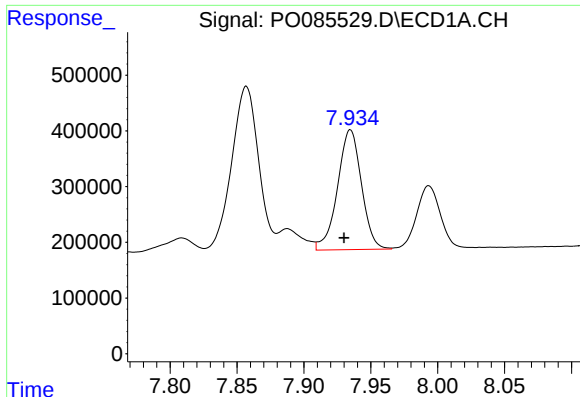
#32 AR-1260-2

R.T.: 7.571 min
Delta R.T.: 0.005 min
Response: 3753142
Conc: 479.78 ng/ml



#32 AR-1260-2

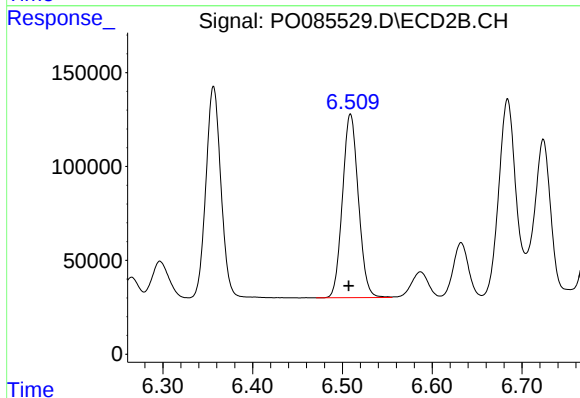
R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 1294380
Conc: 463.67 ng/ml



#33 AR-1260-3

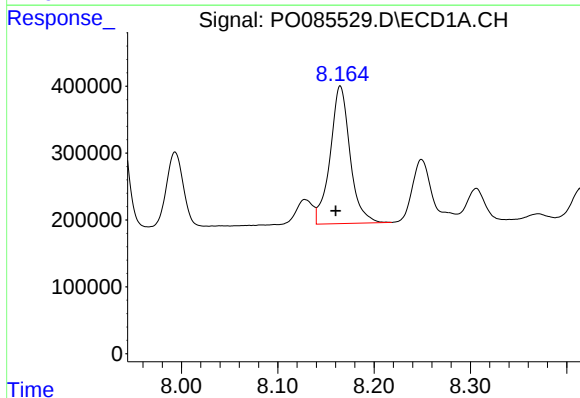
R.T.: 7.935 min
Delta R.T.: 0.005 min
Response: 2682269
Conc: 456.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



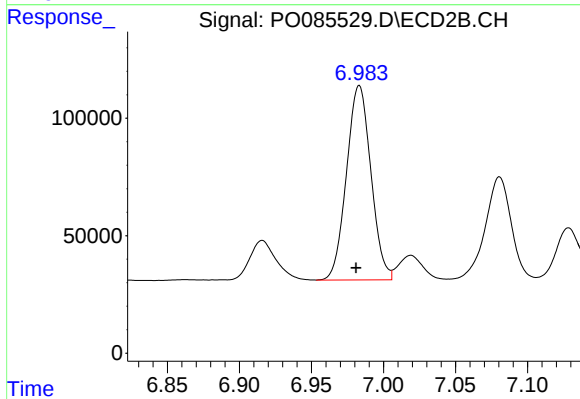
#33 AR-1260-3

R.T.: 6.509 min
Delta R.T.: 0.002 min
Response: 1202499
Conc: 457.36 ng/ml



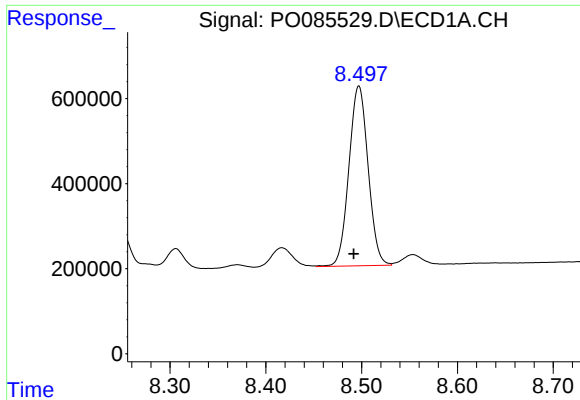
#34 AR-1260-4

R.T.: 8.165 min
Delta R.T.: 0.005 min
Response: 2953608
Conc: 427.62 ng/ml



#34 AR-1260-4

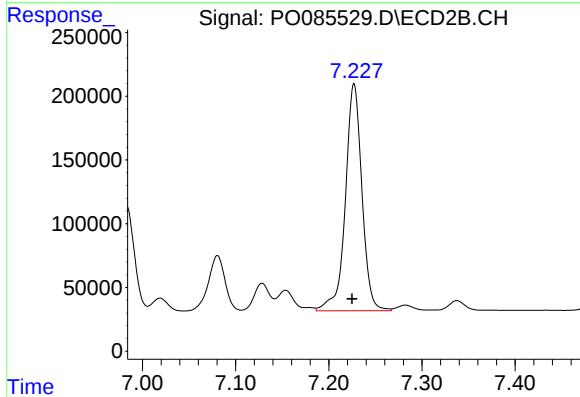
R.T.: 6.983 min
Delta R.T.: 0.002 min
Response: 975319
Conc: 435.45 ng/ml



#35 AR-1260-5

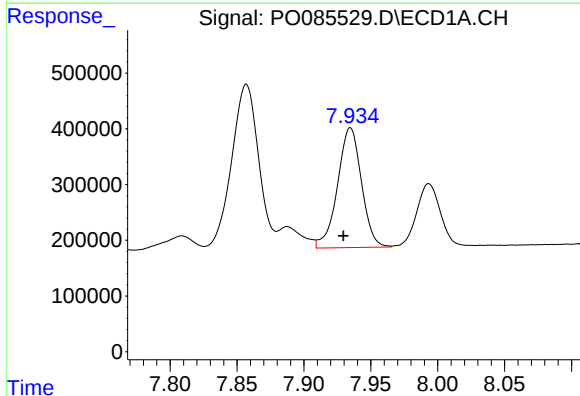
R.T.: 8.497 min
Delta R.T.: 0.005 min
Response: 5875493
Conc: 418.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



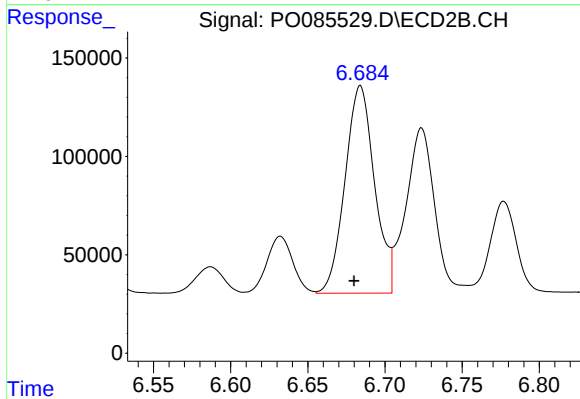
#35 AR-1260-5

R.T.: 7.227 min
Delta R.T.: 0.002 min
Response: 2197942
Conc: 436.29 ng/ml



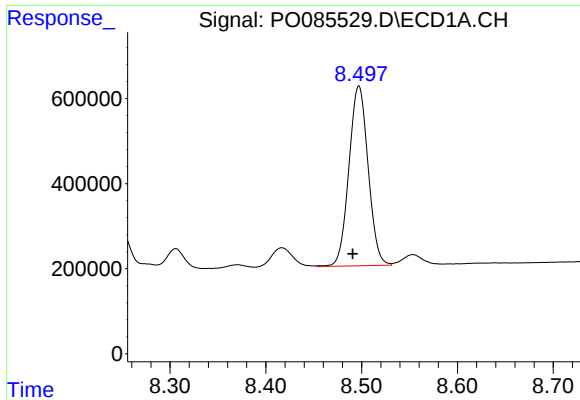
#36 AR-1262-1

R.T.: 7.935 min
Delta R.T.: 0.005 min
Response: 2682269
Conc: 296.98 ng/ml



#36 AR-1262-1

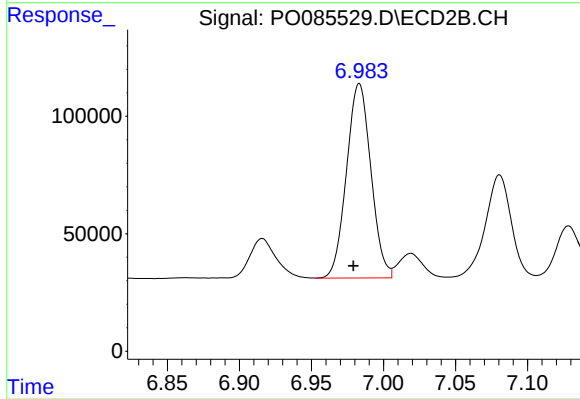
R.T.: 6.684 min
Delta R.T.: 0.004 min
Response: 1403299
Conc: 817.31 ng/ml



#37 AR-1262-2

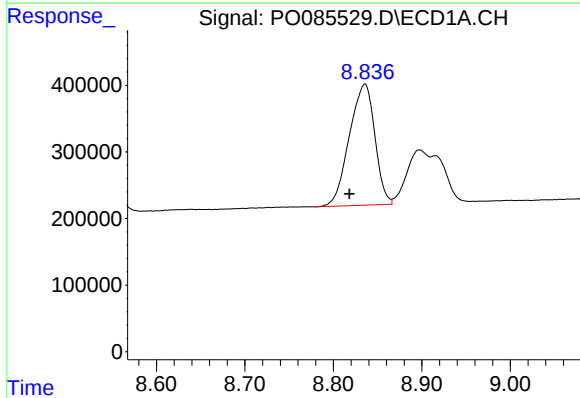
R.T.: 8.497 min
Delta R.T.: 0.007 min
Response: 5875493
Conc: 368.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



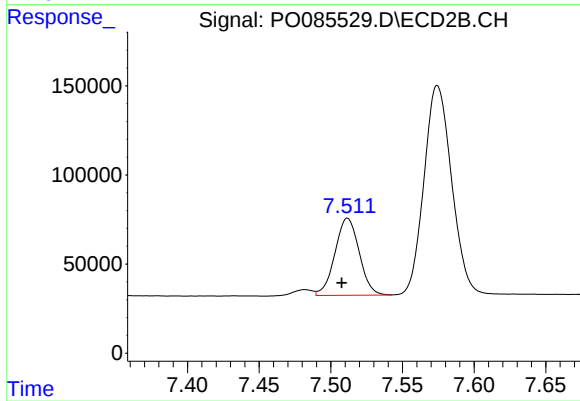
#37 AR-1262-2

R.T.: 6.983 min
Delta R.T.: 0.004 min
Response: 975319
Conc: 340.57 ng/ml



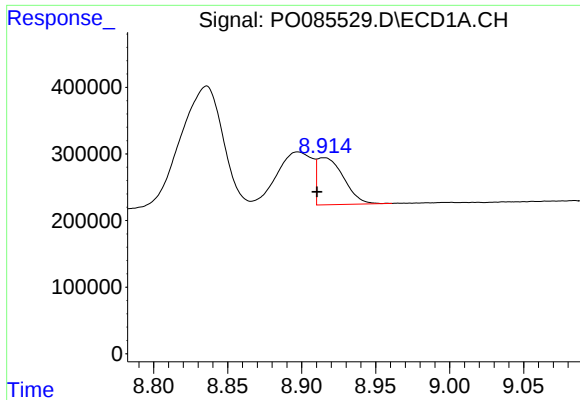
#38 AR-1262-3

R.T.: 8.836 min
Delta R.T.: 0.018 min
Response: 3646405
Conc: 352.78 ng/ml



#38 AR-1262-3

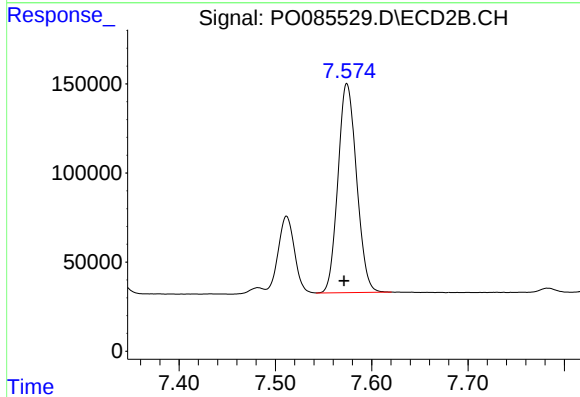
R.T.: 7.512 min
Delta R.T.: 0.004 min
Response: 509953
Conc: 232.85 ng/ml



#39 AR-1262-4

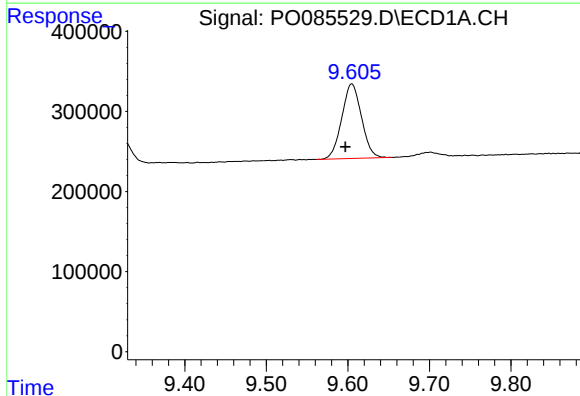
R.T.: 8.915 min
Delta R.T.: 0.005 min
Response: 874268
Conc: 186.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



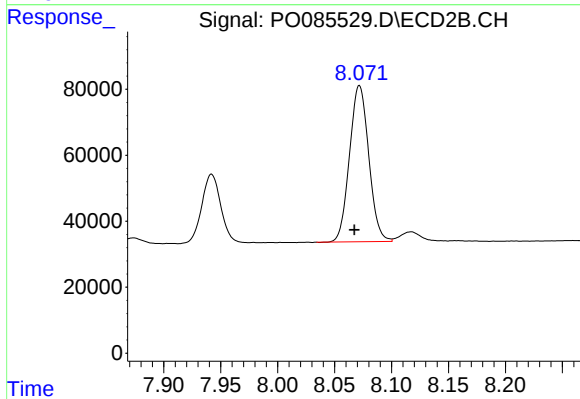
#39 AR-1262-4

R.T.: 7.574 min
Delta R.T.: 0.003 min
Response: 1570465
Conc: 393.54 ng/ml



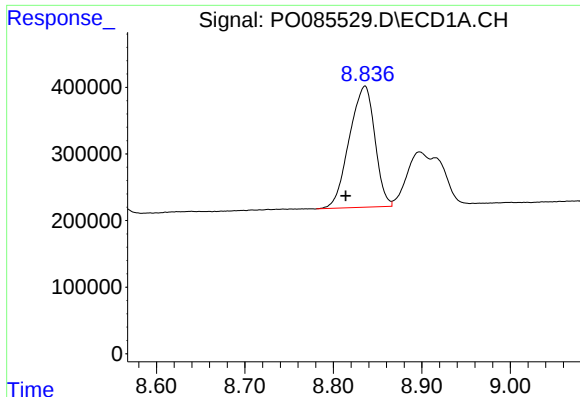
#40 AR-1262-5

R.T.: 9.605 min
Delta R.T.: 0.008 min
Response: 1562469
Conc: 293.81 ng/ml



#40 AR-1262-5

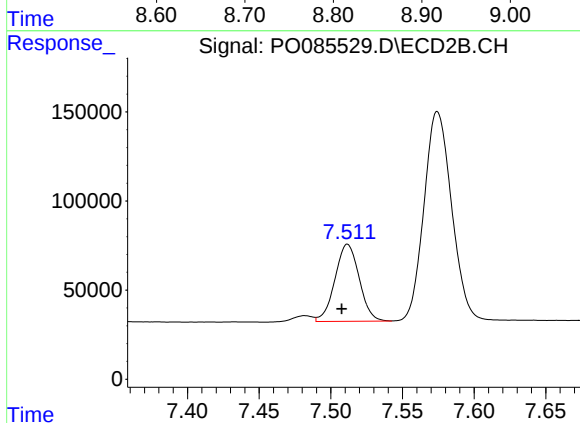
R.T.: 8.072 min
Delta R.T.: 0.004 min
Response: 556681
Conc: 303.62 ng/ml



#41 AR-1268-1

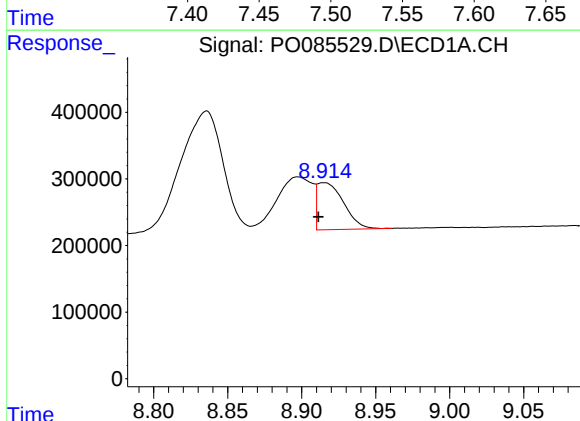
R.T.: 8.836 min
Delta R.T.: 0.022 min
Response: 3646405
Conc: 188.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



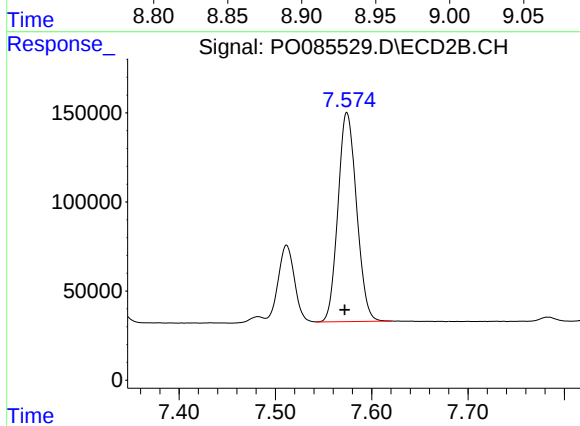
#41 AR-1268-1

R.T.: 7.512 min
Delta R.T.: 0.004 min
Response: 509953
Conc: 76.78 ng/ml



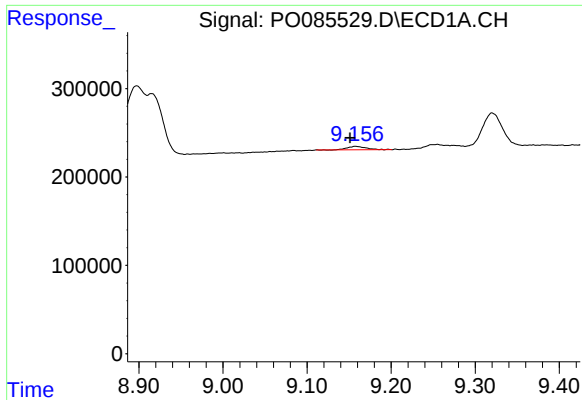
#42 AR-1268-2

R.T.: 8.915 min
Delta R.T.: 0.004 min
Response: 874268
Conc: 50.32 ng/ml



#42 AR-1268-2

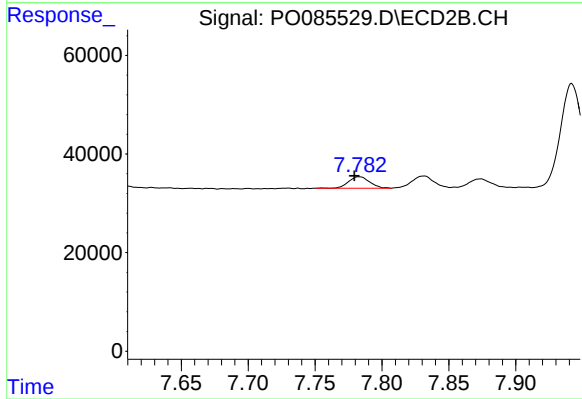
R.T.: 7.574 min
Delta R.T.: 0.002 min
Response: 1570465
Conc: 266.45 ng/ml



#43 AR-1268-3

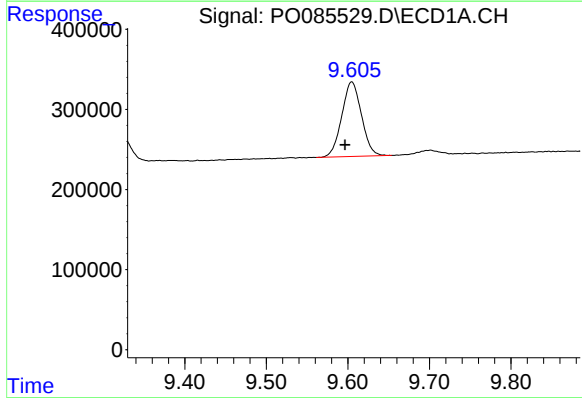
R.T.: 9.158 min
Delta R.T.: 0.006 min
Response: 60103
Conc: 4.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



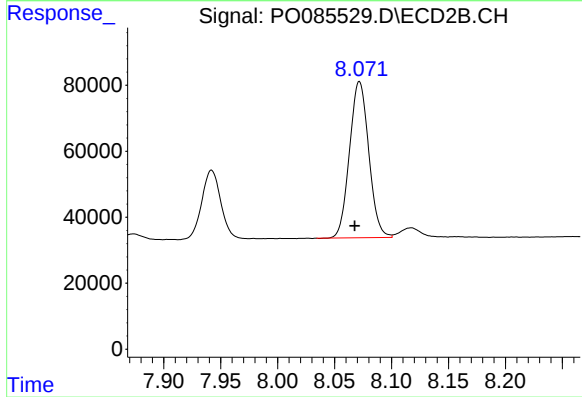
#43 AR-1268-3

R.T.: 7.783 min
Delta R.T.: 0.004 min
Response: 25203
Conc: 5.07 ng/ml



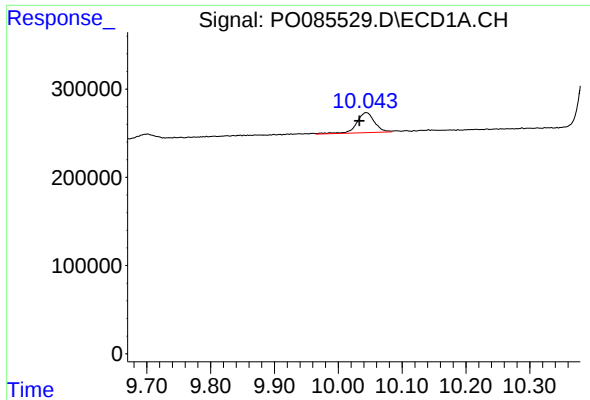
#44 AR-1268-4

R.T.: 9.605 min
Delta R.T.: 0.008 min
Response: 1562469
Conc: 256.08 ng/ml



#44 AR-1268-4

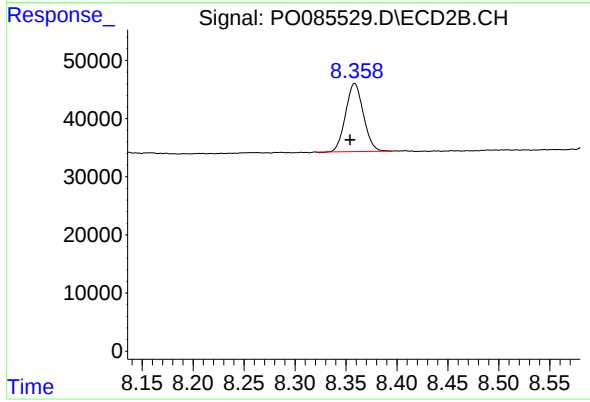
R.T.: 8.072 min
Delta R.T.: 0.004 min
Response: 556681
Conc: 262.32 ng/ml



#45 AR-1268-5

R.T.: 10.044 min
Delta R.T.: 0.011 min
Response: 443821
Conc: 9.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.359 min
Delta R.T.: 0.004 min
Response: 142328
Conc: 10.16 ng/ml