

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040121\
 Data File : PP034556.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Apr 2021 19:59
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 02:55:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP033021.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 31 06:02:19 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...	4.845	4.257	3863002	2143039	50.640	47.705
2)	SA Decachlor...	10.767	9.564	3686615	1266832	47.891	44.866
Target Compounds							
3)	L1 AR-1016-1	6.157	5.510	1065883	500625	453.031	421.996
4)	L1 AR-1016-2	6.181	5.530	1608577	727887	452.902	409.932
5)	L1 AR-1016-3	6.246	5.723	1033489	411603	484.003	440.511
6)	L1 AR-1016-4	6.352	5.771	838361	354570	470.769	488.193
7)	L1 AR-1016-5	6.666	6.001	855491	438380	495.840	479.284
8)	L2 AR-1221-1	5.091	4.510	117580	58903	160.844	129.792
9)	L2 AR-1221-2	5.193	4.612	168261	92959	295.384	266.454
10)	L2 AR-1221-3	5.278	4.700	586224	332731	322.114	317.181
11)	L3 AR-1232-1	5.278	4.700	586224	332731	394.709	393.885
12)	L3 AR-1232-2	5.863	5.530	881986	727887	1162.261	967.217
13)	L3 AR-1232-3	6.181	5.723	1608577	411603	1097.135	1036.994
14)	L3 AR-1232-4	6.352	5.816	838361	430252	1167.125	1250.870
15)	L3 AR-1232-5	6.450	6.001	694065	438380	1475.022	1233.277
16)	L4 AR-1242-1	6.157	5.510	1065883	500625	569.470	534.325
17)	L4 AR-1242-2	6.181	5.530	1608577	727887	570.093	512.016
18)	L4 AR-1242-3	6.246	5.723	1033489	411603	606.805	551.272
19)	L4 AR-1242-4	6.352	5.816	838361	430252	599.493	584.753
20)	L4 AR-1242-5	7.133	6.378	113064	309490	76.782	377.445 #
21)	L5 AR-1248-1	6.157	5.510	1065883	500625	749.338	686.236
22)	L5 AR-1248-2	6.450	5.771	694065	354570	350.733	345.415
23)	L5 AR-1248-3	6.666	5.816	855491	430252	359.889	392.568
24)	L5 AR-1248-4	7.093	6.001	136862	438380	53.632	347.335 #
25)	L5 AR-1248-5	7.133	6.422	113064	47541	44.370	42.066
26)	L6 AR-1254-1	7.062	6.378	563113	309490	204.803	167.754
27)	L6 AR-1254-2	7.291	6.535	616483	281428	144.982	175.905
28)	L6 AR-1254-3	7.672	6.971	360097	525937	78.896	210.732 #
29)	L6 AR-1254-4	7.966	7.192	234733	63292	75.920	48.148 #
30)	L6 AR-1254-5	8.394	7.618	1984203	814881	558.327	400.939 #
31)	L7 AR-1260-1	7.839	7.090	1498875	705687	482.841	459.533
32)	L7 AR-1260-2	8.104	7.284	1675864	806200	446.252	446.303
33)	L7 AR-1260-3	8.469	7.440	1483243	767087	490.697	442.155
34)	L7 AR-1260-4	8.699	7.919	1641133	632759	470.073	441.328
35)	L7 AR-1260-5	9.017	8.163	3121763	1356206	435.903	397.021
36)	L8 AR-1262-1	8.469	7.618	1483243	814881	324.153	758.735 #
37)	L8 AR-1262-2	9.017	8.163	3121763	1356206	400.108	395.279
38)	L8 AR-1262-3	9.319	8.448	791212	362646	147.025	242.026 #
39)	L8 AR-1262-4	9.408	8.511	702964	1072032	158.294	389.246 #
40)	L8 AR-1262-5	10.051	9.009	1027092	372411	356.677	328.172
41)	L9 AR-1268-1	9.319	8.448	791212	362646	79.031	83.932

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

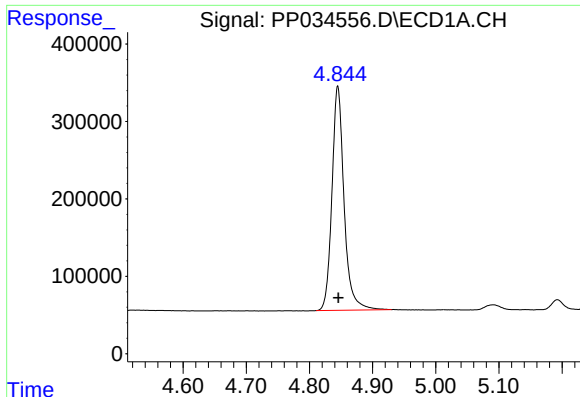
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 02:55:32 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	9.408	8.511	702964	1072032	73.492	259.009 #
43) L9	AR-1268-3	9.628	8.720	60498	38289	6.889	10.525 #
44) L9	AR-1268-4	10.051	9.009	1027092	372411	321.531	289.077
45) L9	AR-1268-5	10.446	9.305	310081	109937	10.860	10.585

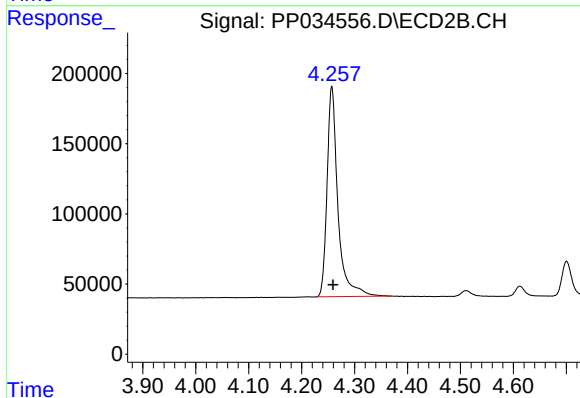
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

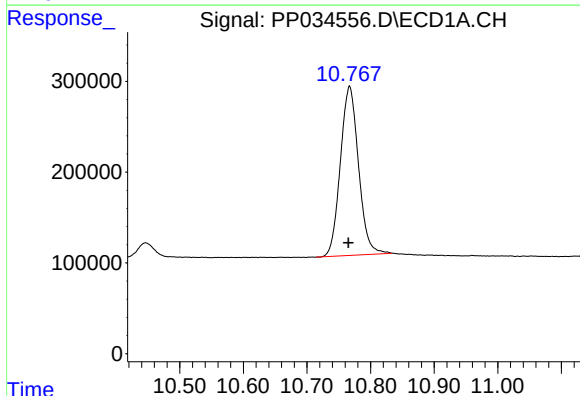
R.T.: 4.845 min
Delta R.T.: -0.001 min
Response: 3863002
Conc: 50.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



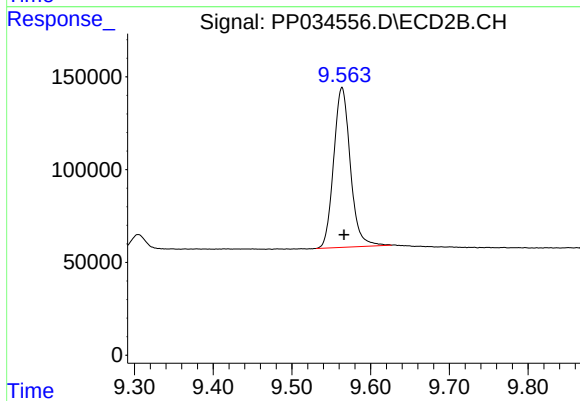
#1 Tetrachloro-m-xylene

R.T.: 4.257 min
Delta R.T.: -0.003 min
Response: 2143039
Conc: 47.71 ng/ml



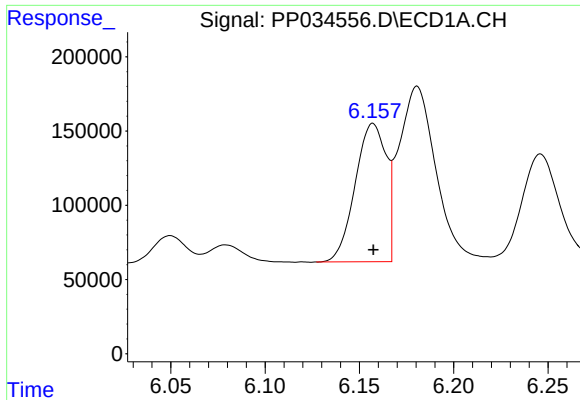
#2 Decachlorobiphenyl

R.T.: 10.767 min
Delta R.T.: 0.002 min
Response: 3686615
Conc: 47.89 ng/ml



#2 Decachlorobiphenyl

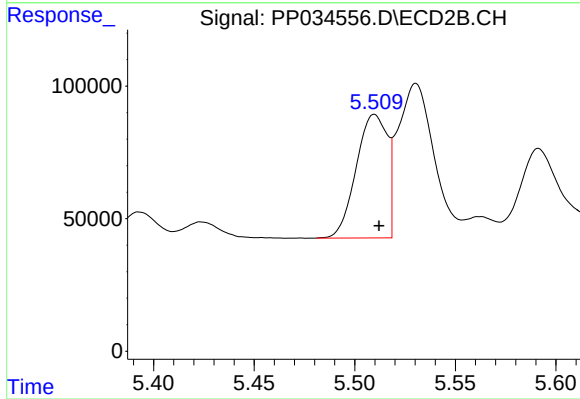
R.T.: 9.564 min
Delta R.T.: -0.002 min
Response: 1266832
Conc: 44.87 ng/ml



#3 AR-1016-1

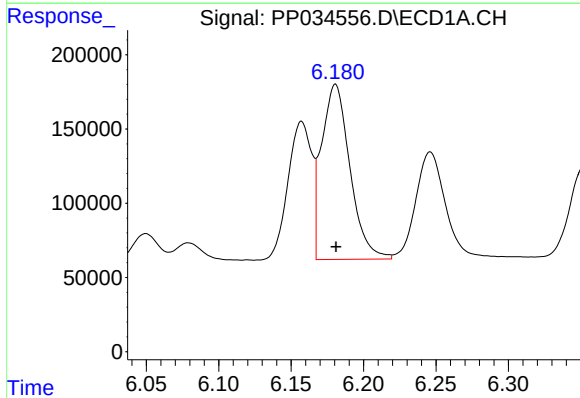
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 1065883
Conc: 453.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



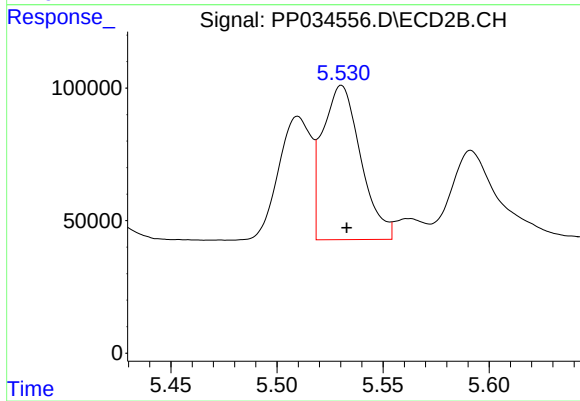
#3 AR-1016-1

R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 500625
Conc: 422.00 ng/ml



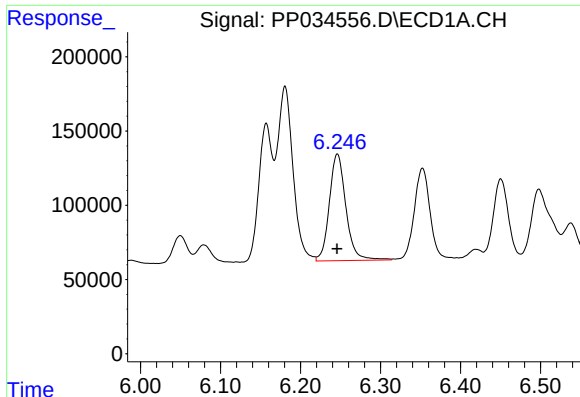
#4 AR-1016-2

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 1608577
Conc: 452.90 ng/ml



#4 AR-1016-2

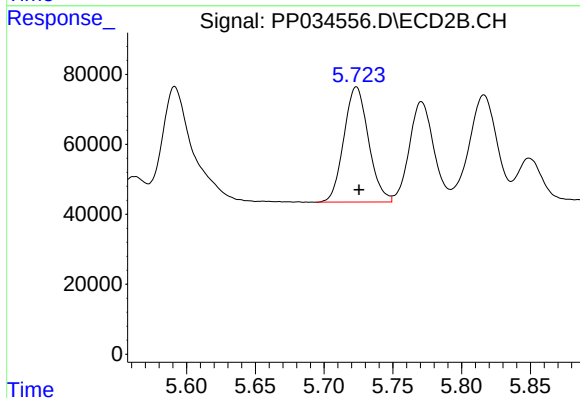
R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 727887
Conc: 409.93 ng/ml



#5 AR-1016-3

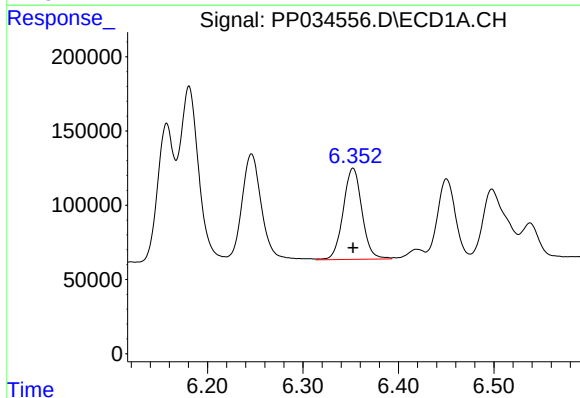
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 1033489
Conc: 484.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



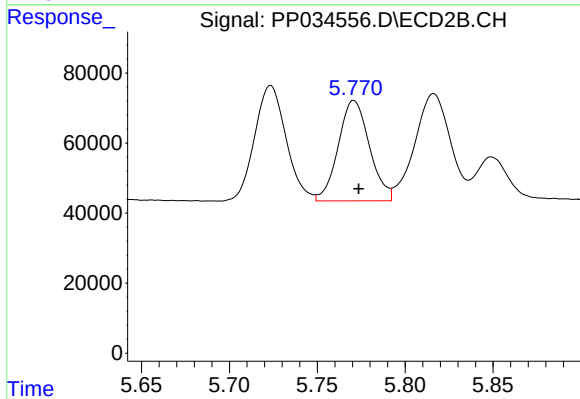
#5 AR-1016-3

R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 411603
Conc: 440.51 ng/ml



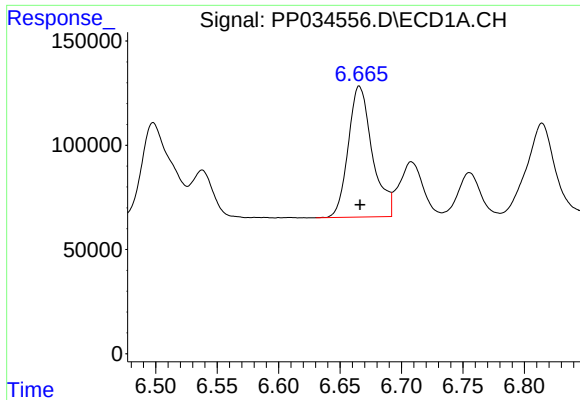
#6 AR-1016-4

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 838361
Conc: 470.77 ng/ml



#6 AR-1016-4

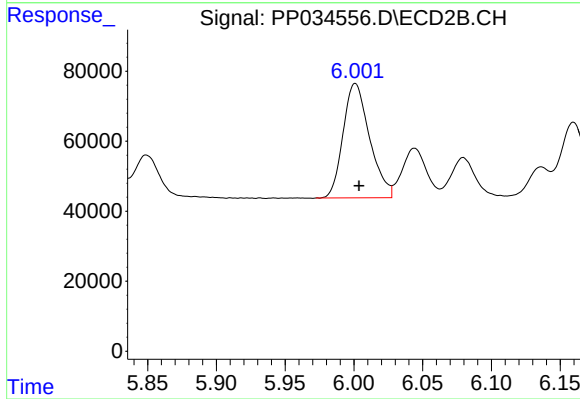
R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 354570
Conc: 488.19 ng/ml



#7 AR-1016-5

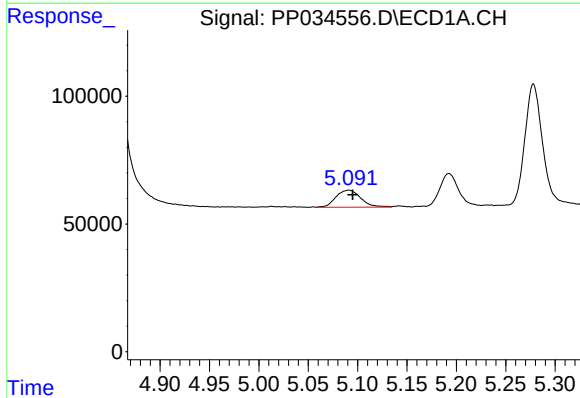
R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 855491
Conc: 495.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



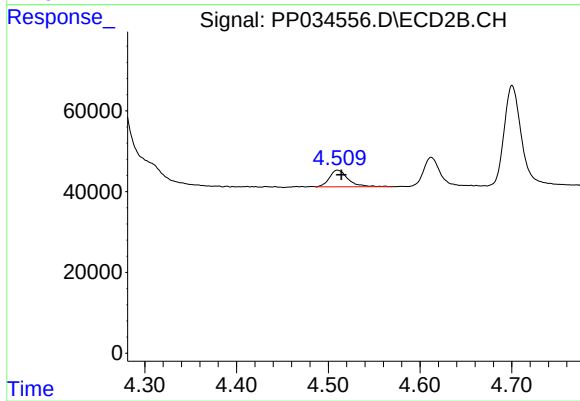
#7 AR-1016-5

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 438380
Conc: 479.28 ng/ml



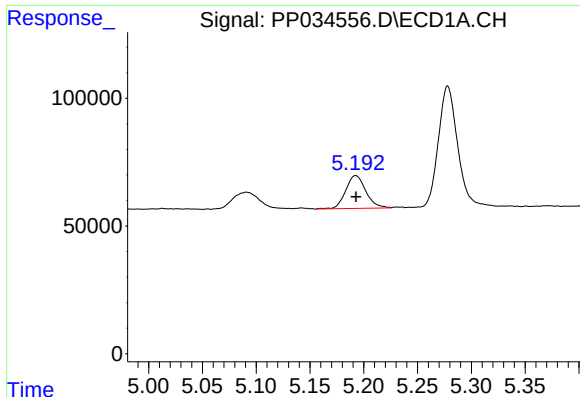
#8 AR-1221-1

R.T.: 5.091 min
Delta R.T.: -0.004 min
Response: 117580
Conc: 160.84 ng/ml



#8 AR-1221-1

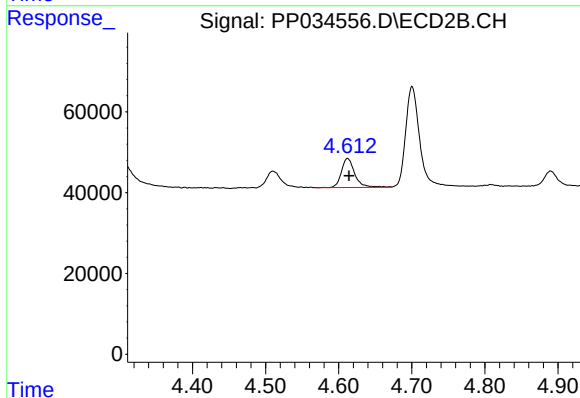
R.T.: 4.510 min
Delta R.T.: -0.004 min
Response: 58903
Conc: 129.79 ng/ml



#9 AR-1221-2

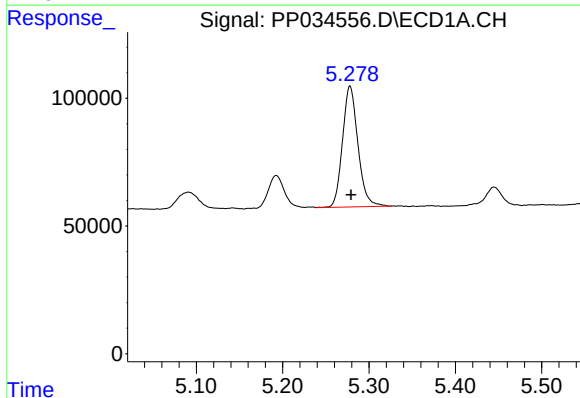
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 168261
Conc: 295.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



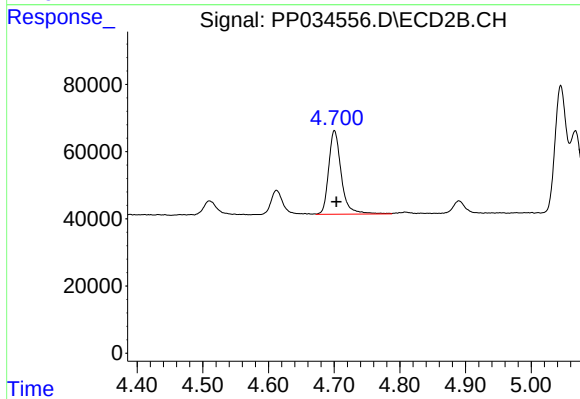
#9 AR-1221-2

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 92959
Conc: 266.45 ng/ml



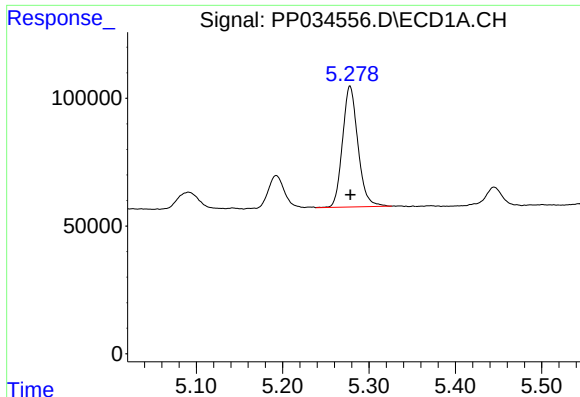
#10 AR-1221-3

R.T.: 5.278 min
Delta R.T.: -0.001 min
Response: 586224
Conc: 322.11 ng/ml



#10 AR-1221-3

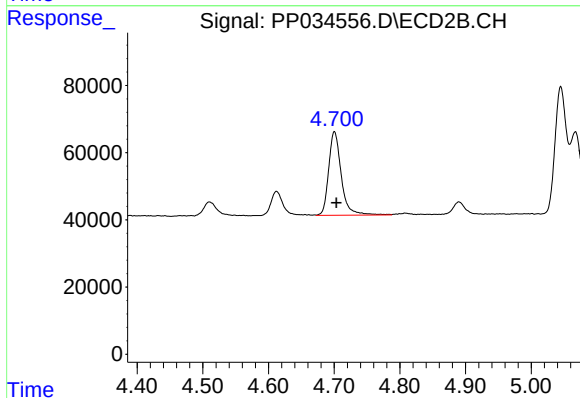
R.T.: 4.700 min
Delta R.T.: -0.003 min
Response: 332731
Conc: 317.18 ng/ml



#11 AR-1232-1

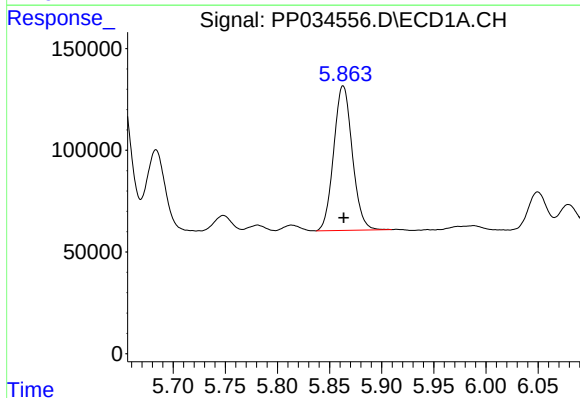
R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 586224
Conc: 394.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



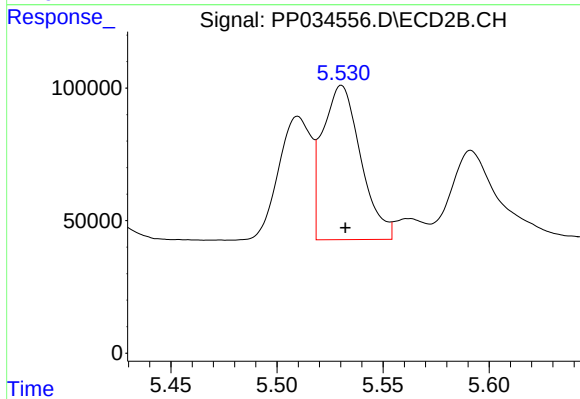
#11 AR-1232-1

R.T.: 4.700 min
Delta R.T.: -0.003 min
Response: 332731
Conc: 393.88 ng/ml



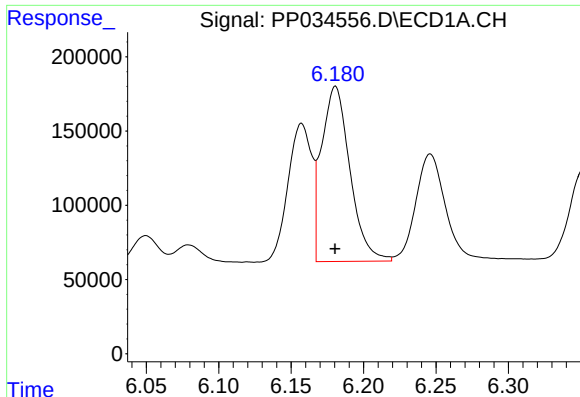
#12 AR-1232-2

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 881986
Conc: 1162.26 ng/ml



#12 AR-1232-2

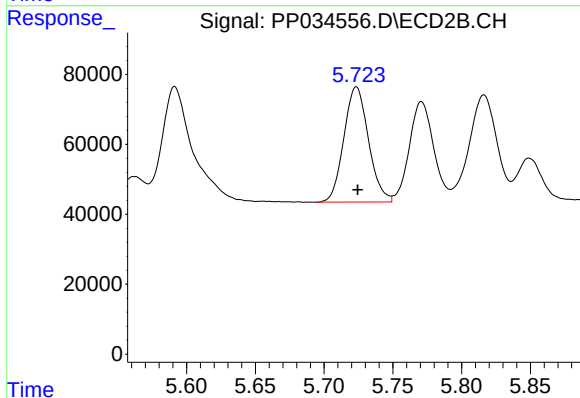
R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 727887
Conc: 967.22 ng/ml



#13 AR-1232-3

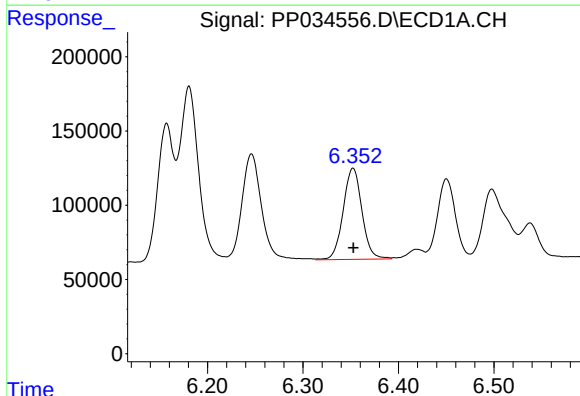
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 1608577
Conc: 1097.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



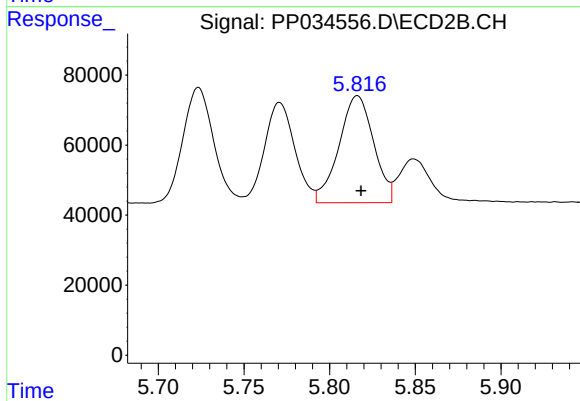
#13 AR-1232-3

R.T.: 5.723 min
Delta R.T.: -0.001 min
Response: 411603
Conc: 1036.99 ng/ml



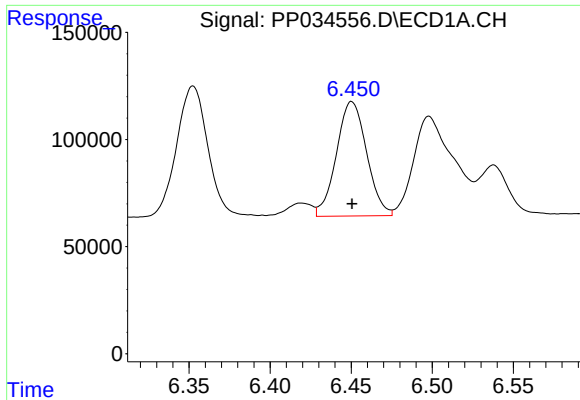
#14 AR-1232-4

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 838361
Conc: 1167.12 ng/ml



#14 AR-1232-4

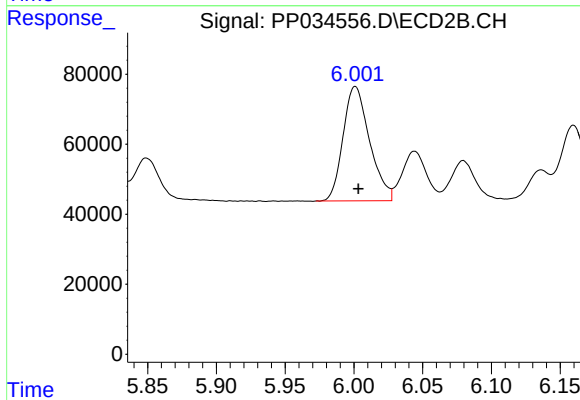
R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 430252
Conc: 1250.87 ng/ml



#15 AR-1232-5

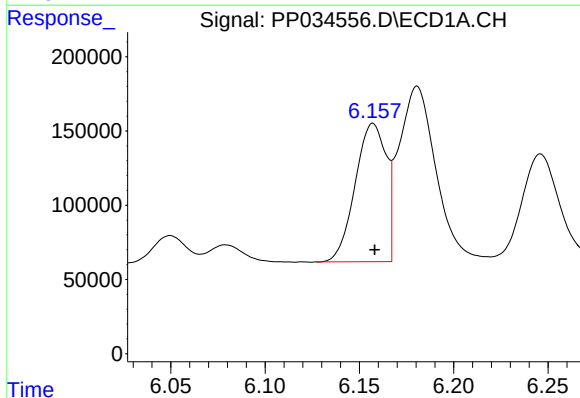
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 694065
Conc: 1475.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



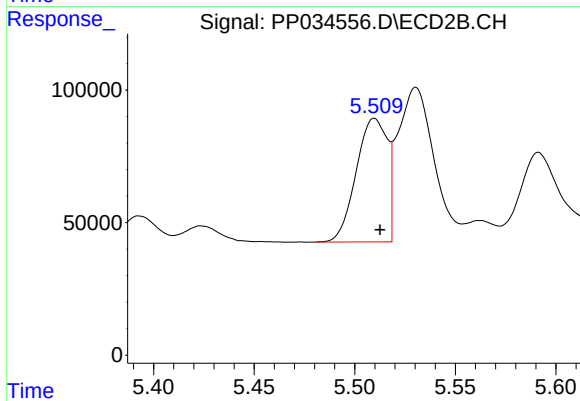
#15 AR-1232-5

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 438380
Conc: 1233.28 ng/ml



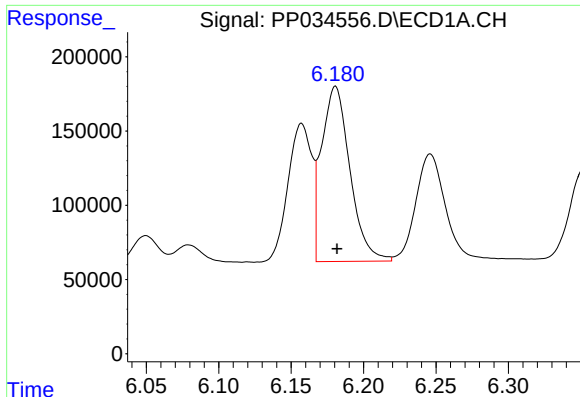
#16 AR-1242-1

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 1065883
Conc: 569.47 ng/ml



#16 AR-1242-1

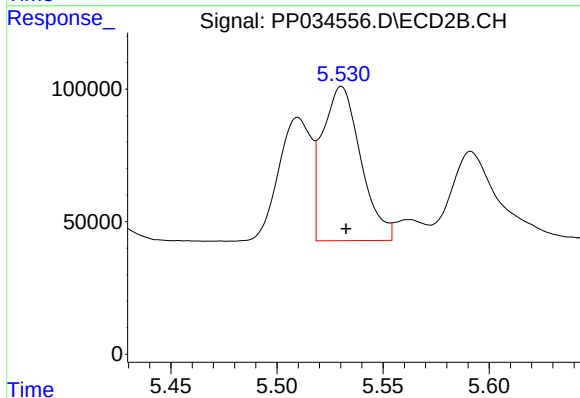
R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 500625
Conc: 534.33 ng/ml



#17 AR-1242-2

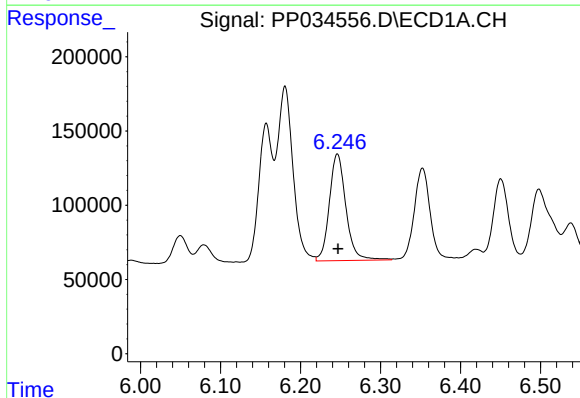
R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 1608577
Conc: 570.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



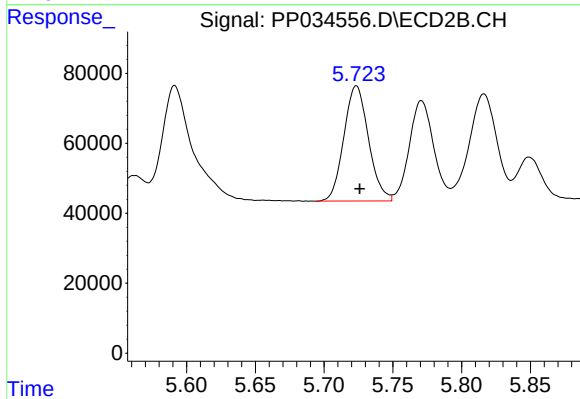
#17 AR-1242-2

R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 727887
Conc: 512.02 ng/ml



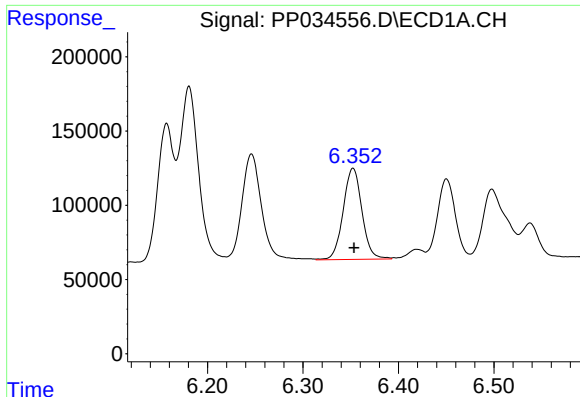
#18 AR-1242-3

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 1033489
Conc: 606.80 ng/ml



#18 AR-1242-3

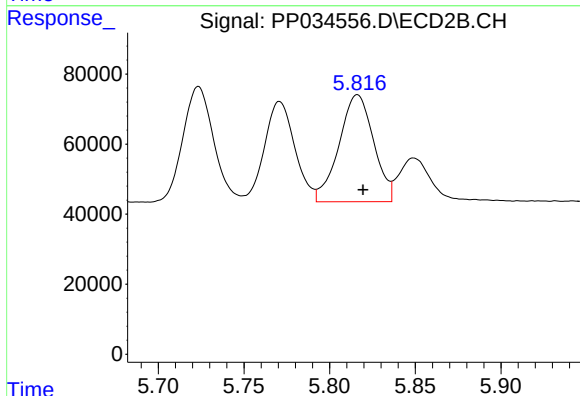
R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 411603
Conc: 551.27 ng/ml



#19 AR-1242-4

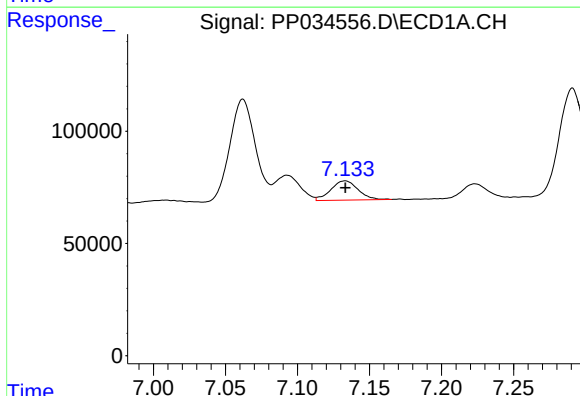
R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 838361
Conc: 599.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



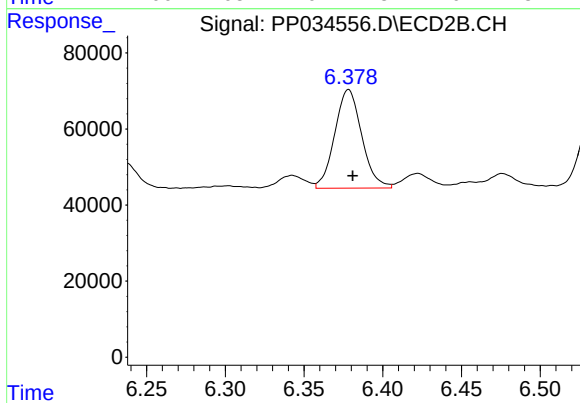
#19 AR-1242-4

R.T.: 5.816 min
Delta R.T.: -0.003 min
Response: 430252
Conc: 584.75 ng/ml



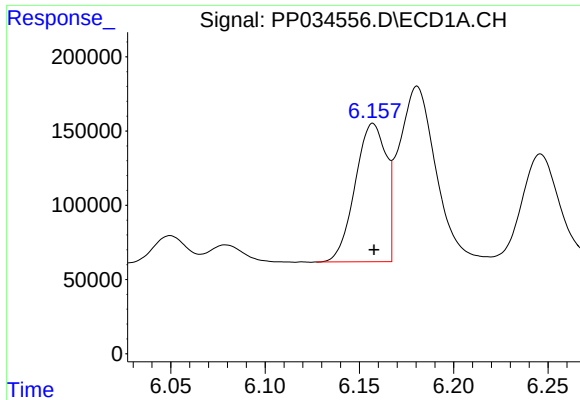
#20 AR-1242-5

R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 113064
Conc: 76.78 ng/ml



#20 AR-1242-5

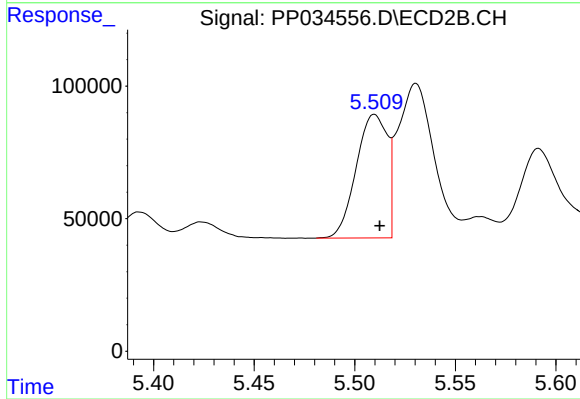
R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 309490
Conc: 377.44 ng/ml



#21 AR-1248-1

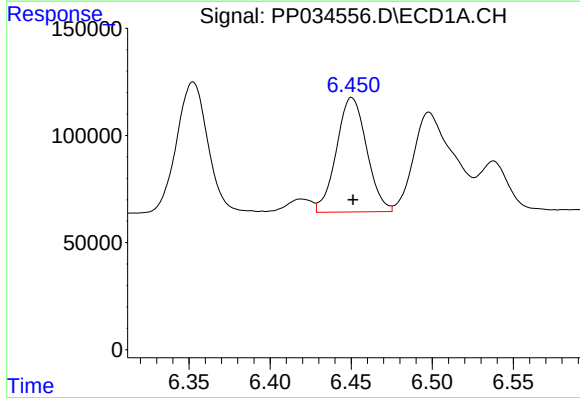
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 1065883
Conc: 749.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



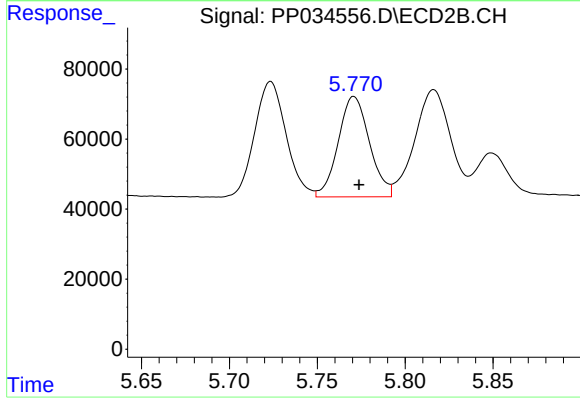
#21 AR-1248-1

R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 500625
Conc: 686.24 ng/ml



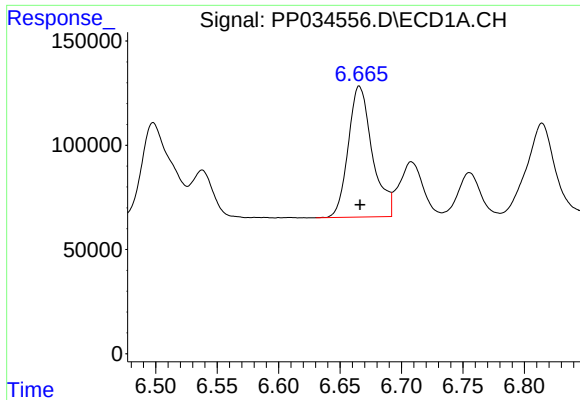
#22 AR-1248-2

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 694065
Conc: 350.73 ng/ml



#22 AR-1248-2

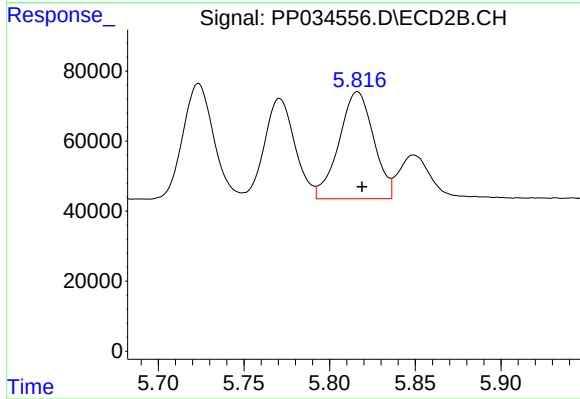
R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 354570
Conc: 345.41 ng/ml



#23 AR-1248-3

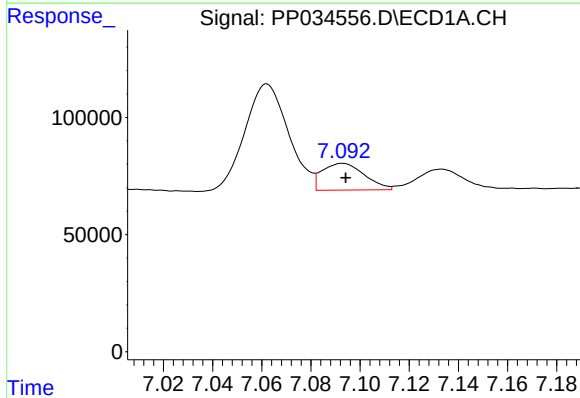
R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 855491
Conc: 359.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



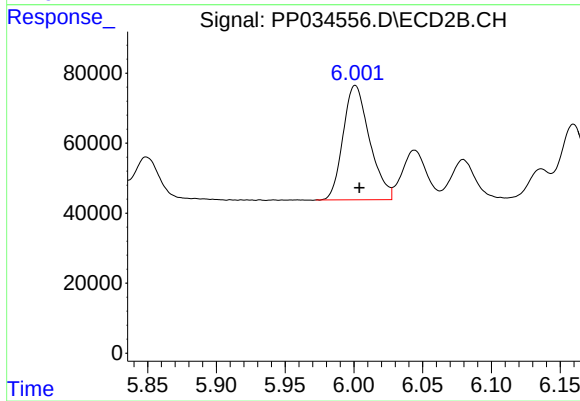
#23 AR-1248-3

R.T.: 5.816 min
Delta R.T.: -0.003 min
Response: 430252
Conc: 392.57 ng/ml



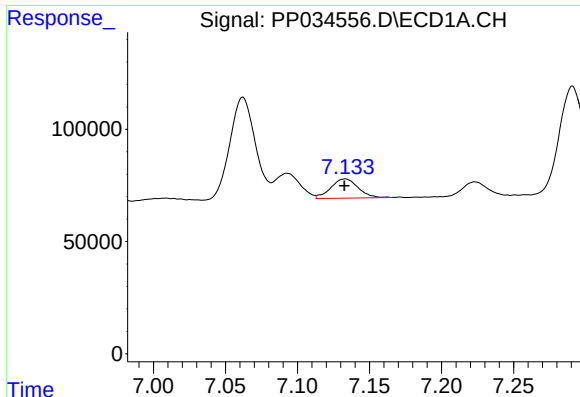
#24 AR-1248-4

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 136862
Conc: 53.63 ng/ml



#24 AR-1248-4

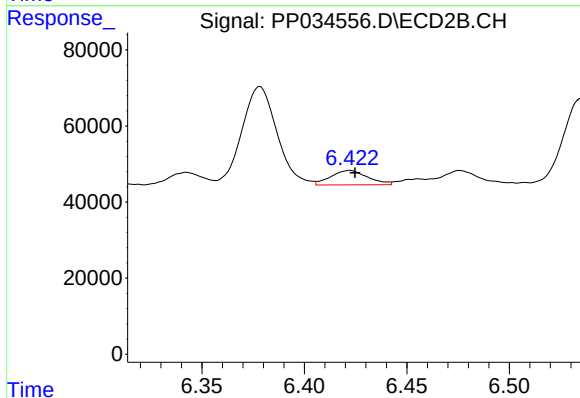
R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 438380
Conc: 347.33 ng/ml



#25 AR-1248-5

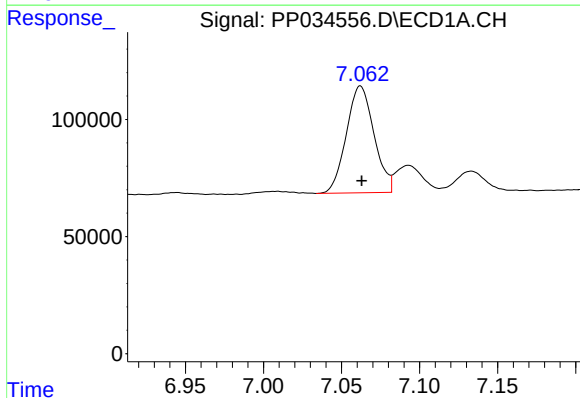
R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 113064
Conc: 44.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



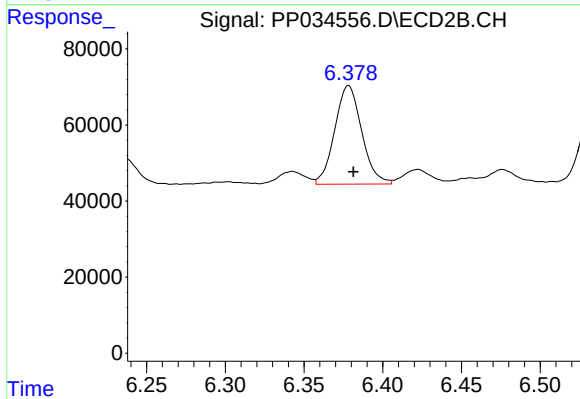
#25 AR-1248-5

R.T.: 6.422 min
Delta R.T.: -0.002 min
Response: 47541
Conc: 42.07 ng/ml



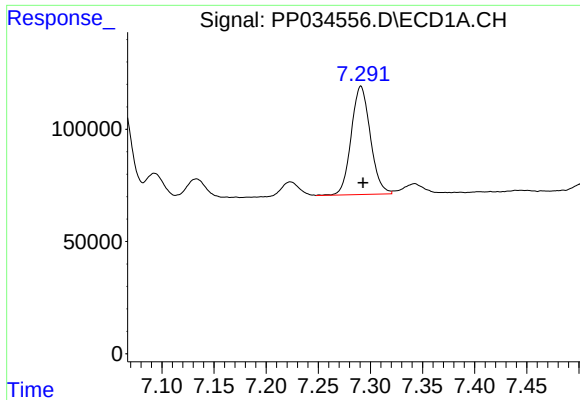
#26 AR-1254-1

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 563113
Conc: 204.80 ng/ml



#26 AR-1254-1

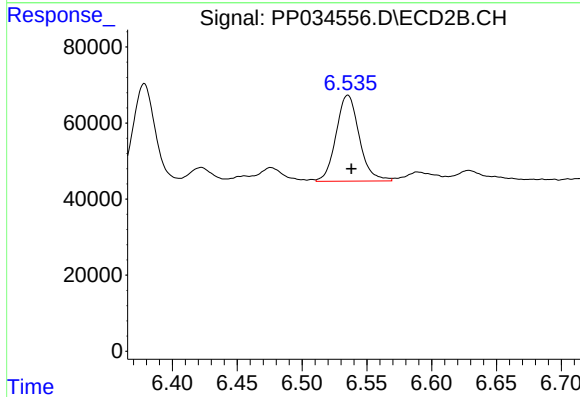
R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 309490
Conc: 167.75 ng/ml



#27 AR-1254-2

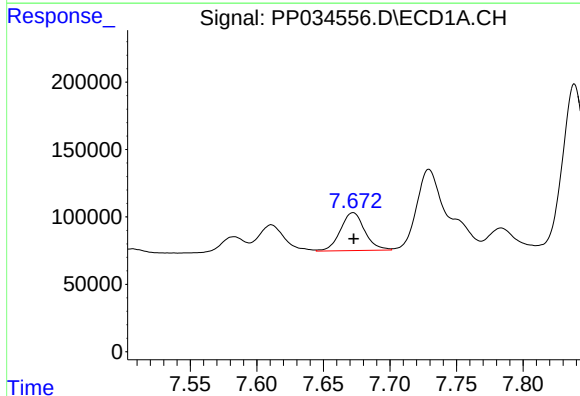
R.T.: 7.291 min
Delta R.T.: -0.002 min
Response: 616483
Conc: 144.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



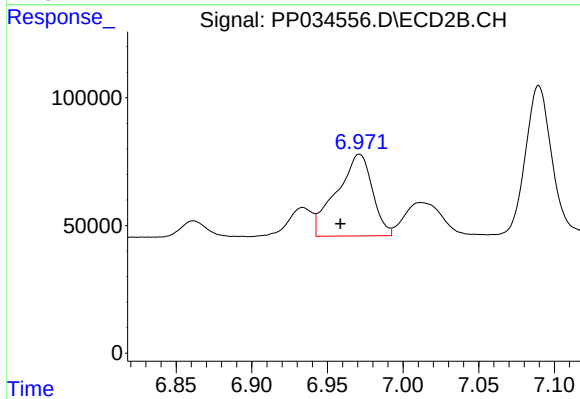
#27 AR-1254-2

R.T.: 6.535 min
Delta R.T.: -0.003 min
Response: 281428
Conc: 175.90 ng/ml



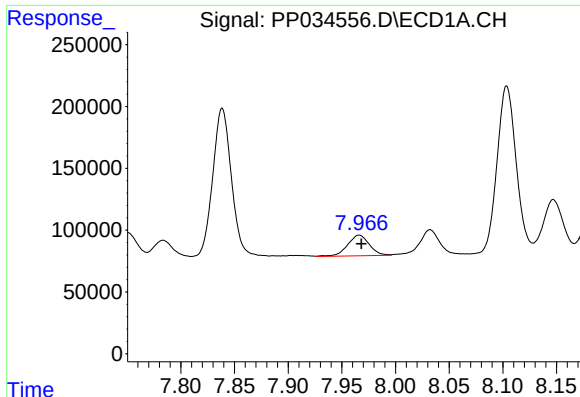
#28 AR-1254-3

R.T.: 7.672 min
Delta R.T.: 0.000 min
Response: 360097
Conc: 78.90 ng/ml



#28 AR-1254-3

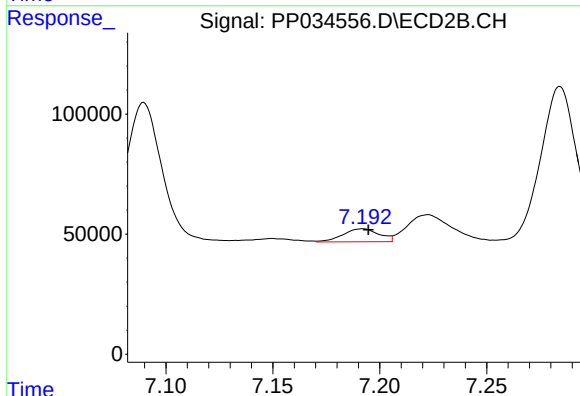
R.T.: 6.971 min
Delta R.T.: 0.013 min
Response: 525937
Conc: 210.73 ng/ml



#29 AR-1254-4

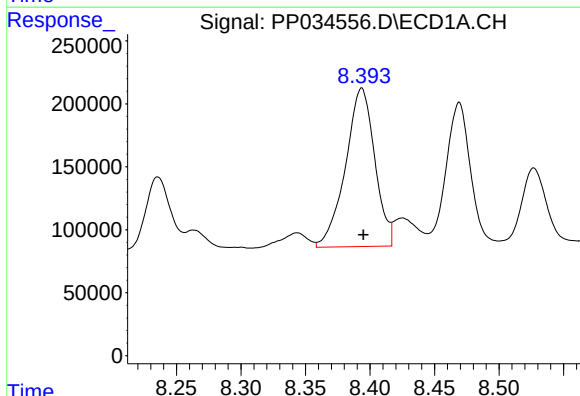
R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 234733
Conc: 75.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



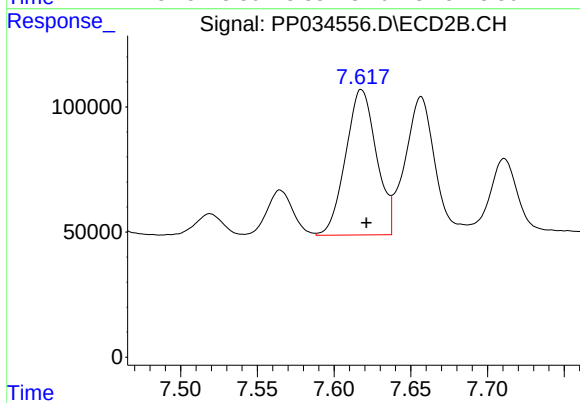
#29 AR-1254-4

R.T.: 7.192 min
Delta R.T.: -0.003 min
Response: 63292
Conc: 48.15 ng/ml



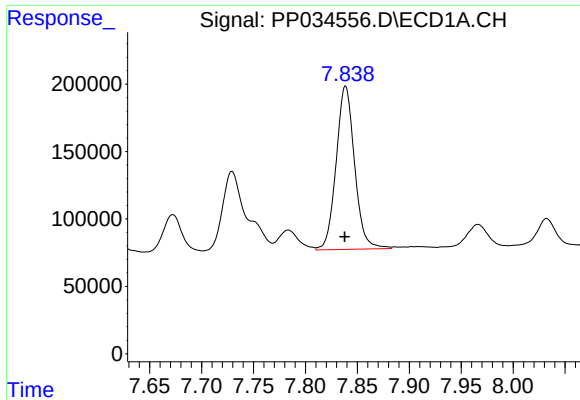
#30 AR-1254-5

R.T.: 8.394 min
Delta R.T.: -0.001 min
Response: 1984203
Conc: 558.33 ng/ml



#30 AR-1254-5

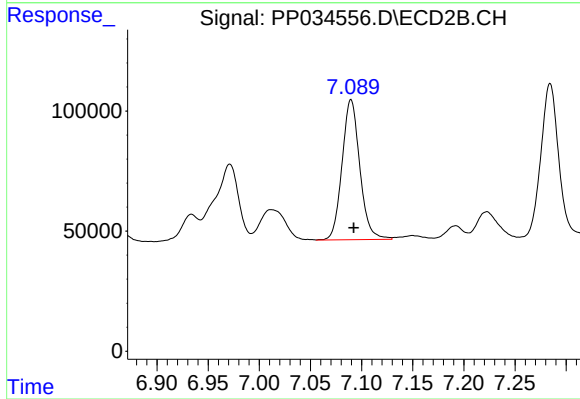
R.T.: 7.618 min
Delta R.T.: -0.003 min
Response: 814881
Conc: 400.94 ng/ml



#31 AR-1260-1

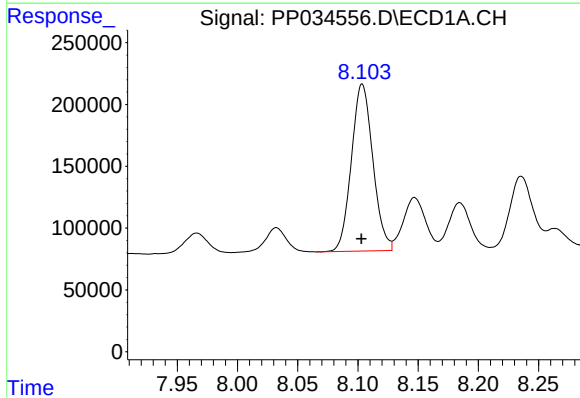
R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 1498875
Conc: 482.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



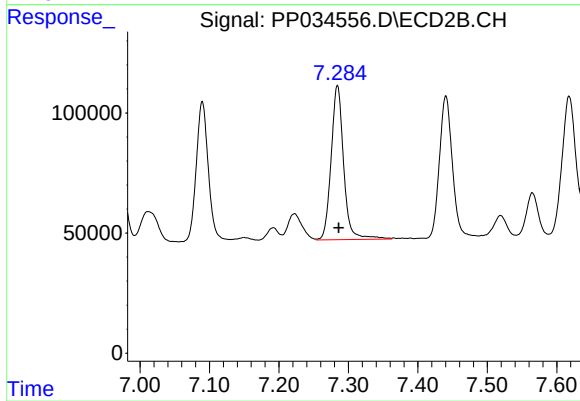
#31 AR-1260-1

R.T.: 7.090 min
Delta R.T.: -0.003 min
Response: 705687
Conc: 459.53 ng/ml



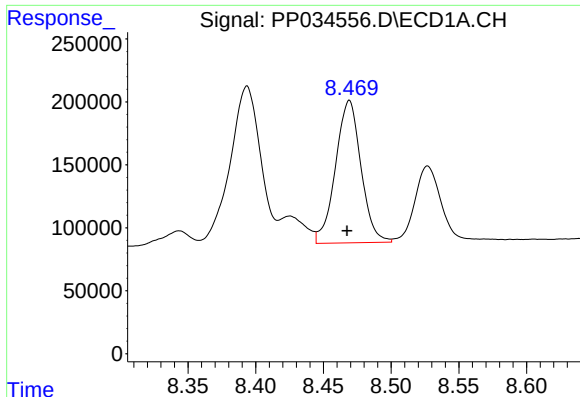
#32 AR-1260-2

R.T.: 8.104 min
Delta R.T.: 0.000 min
Response: 1675864
Conc: 446.25 ng/ml



#32 AR-1260-2

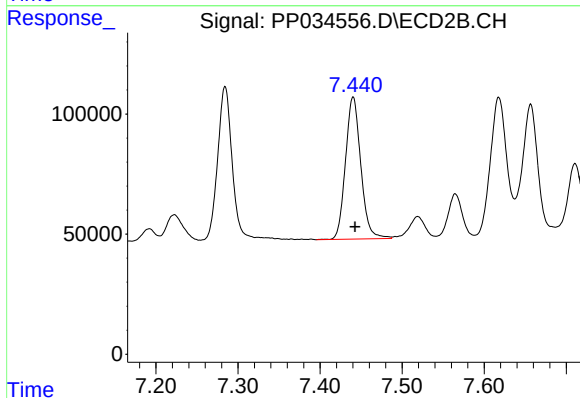
R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 806200
Conc: 446.30 ng/ml



#33 AR-1260-3

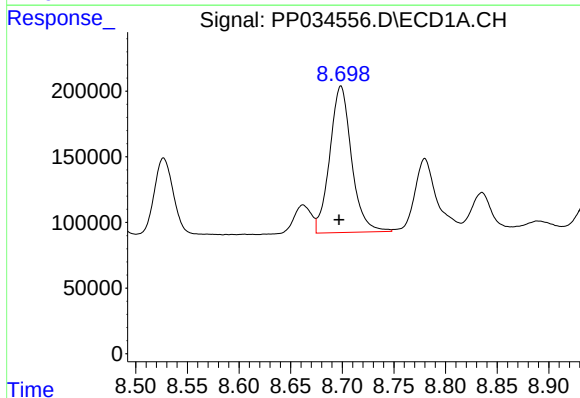
R.T.: 8.469 min
Delta R.T.: 0.002 min
Response: 1483243
Conc: 490.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



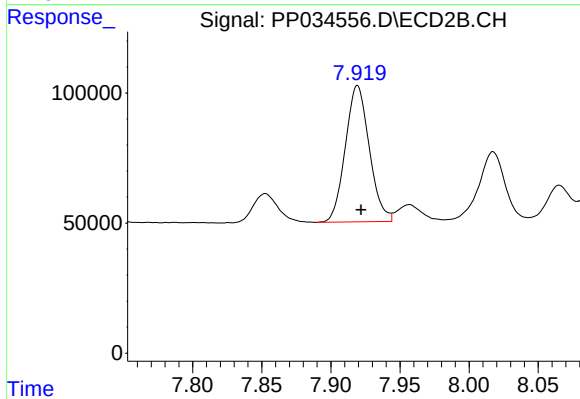
#33 AR-1260-3

R.T.: 7.440 min
Delta R.T.: -0.002 min
Response: 767087
Conc: 442.16 ng/ml



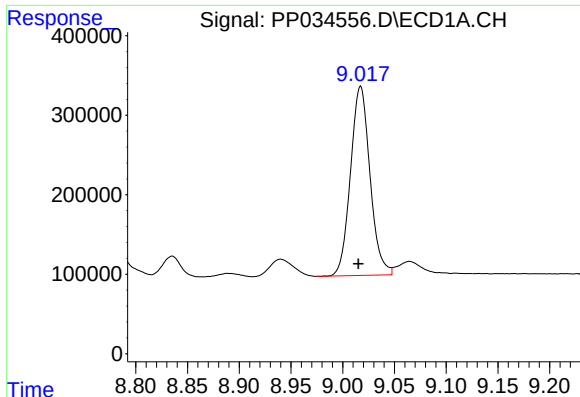
#34 AR-1260-4

R.T.: 8.699 min
Delta R.T.: 0.002 min
Response: 1641133
Conc: 470.07 ng/ml



#34 AR-1260-4

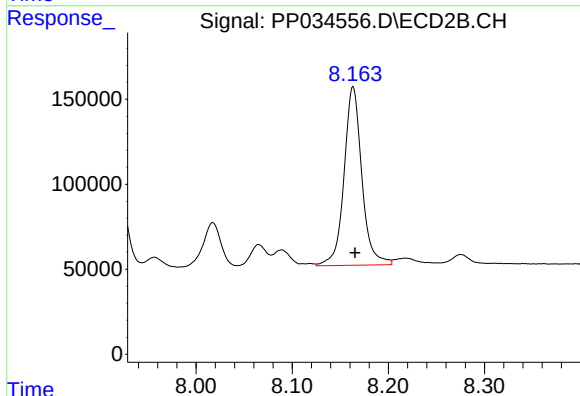
R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 632759
Conc: 441.33 ng/ml



#35 AR-1260-5

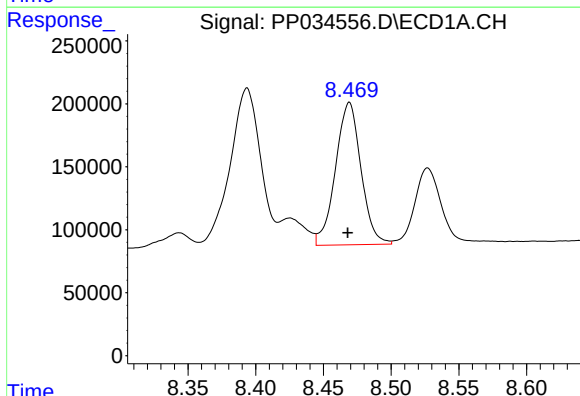
R.T.: 9.017 min
Delta R.T.: 0.002 min
Response: 3121763
Conc: 435.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



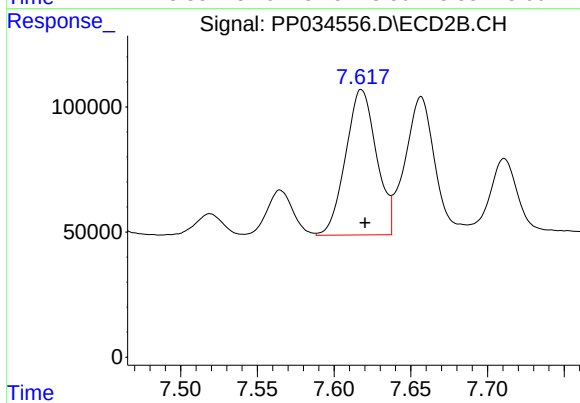
#35 AR-1260-5

R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 1356206
Conc: 397.02 ng/ml



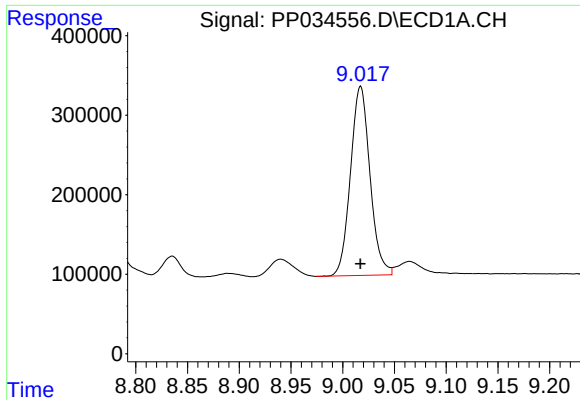
#36 AR-1262-1

R.T.: 8.469 min
Delta R.T.: 0.001 min
Response: 1483243
Conc: 324.15 ng/ml



#36 AR-1262-1

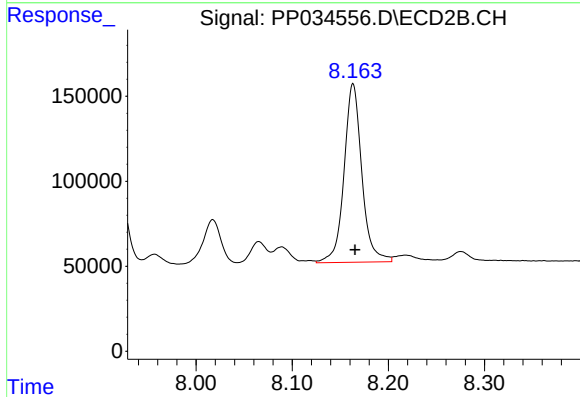
R.T.: 7.618 min
Delta R.T.: -0.002 min
Response: 814881
Conc: 758.74 ng/ml



#37 AR-1262-2

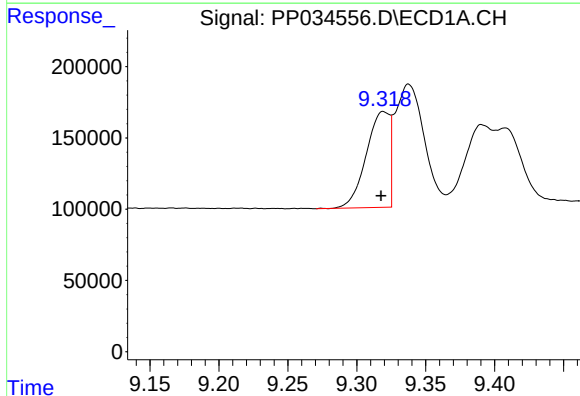
R.T.: 9.017 min
Delta R.T.: 0.000 min
Response: 3121763
Conc: 400.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



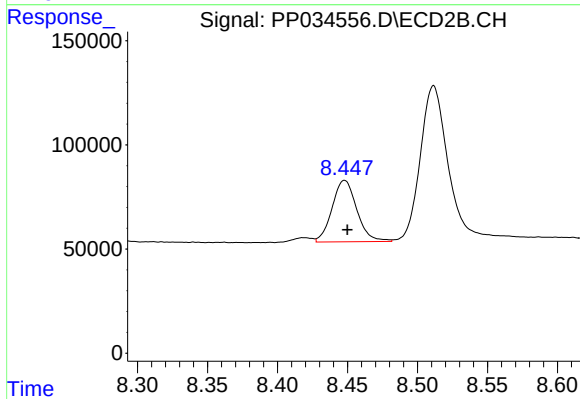
#37 AR-1262-2

R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 1356206
Conc: 395.28 ng/ml



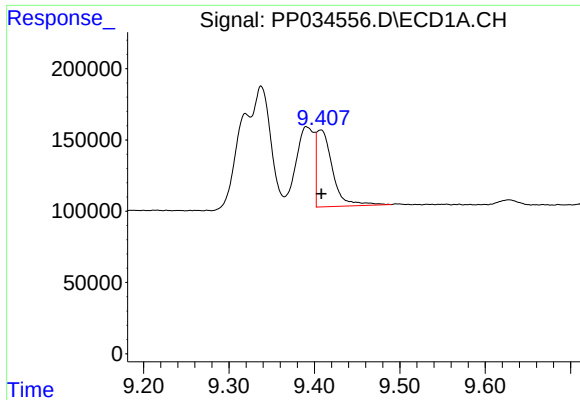
#38 AR-1262-3

R.T.: 9.319 min
Delta R.T.: 0.002 min
Response: 791212
Conc: 147.02 ng/ml



#38 AR-1262-3

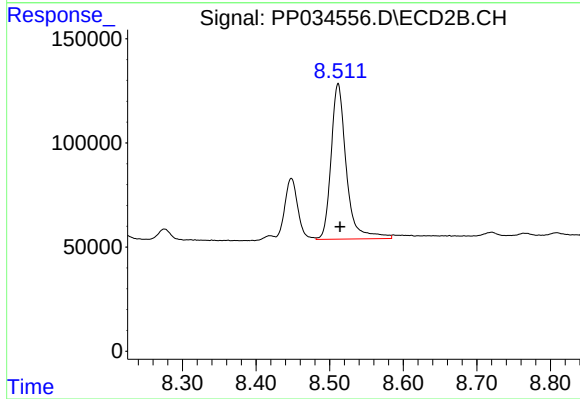
R.T.: 8.448 min
Delta R.T.: -0.002 min
Response: 362646
Conc: 242.03 ng/ml



#39 AR-1262-4

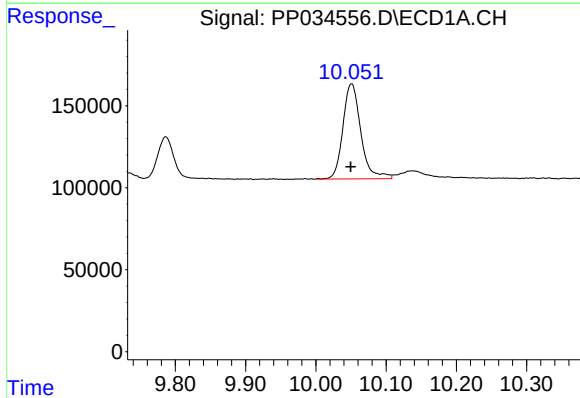
R.T.: 9.408 min
Delta R.T.: 0.000 min
Response: 702964
Conc: 158.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



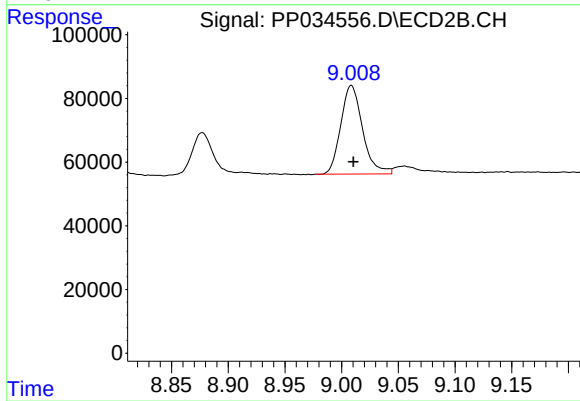
#39 AR-1262-4

R.T.: 8.511 min
Delta R.T.: -0.003 min
Response: 1072032
Conc: 389.25 ng/ml



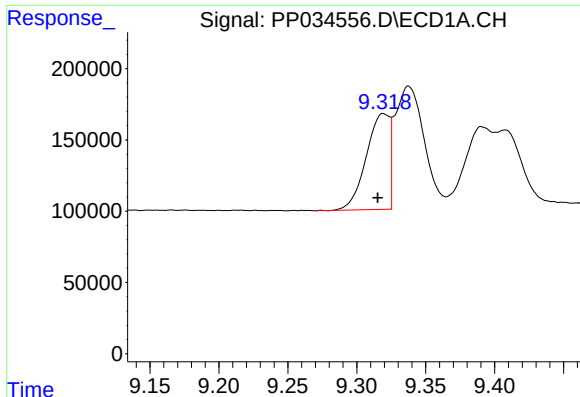
#40 AR-1262-5

R.T.: 10.051 min
Delta R.T.: 0.001 min
Response: 1027092
Conc: 356.68 ng/ml



#40 AR-1262-5

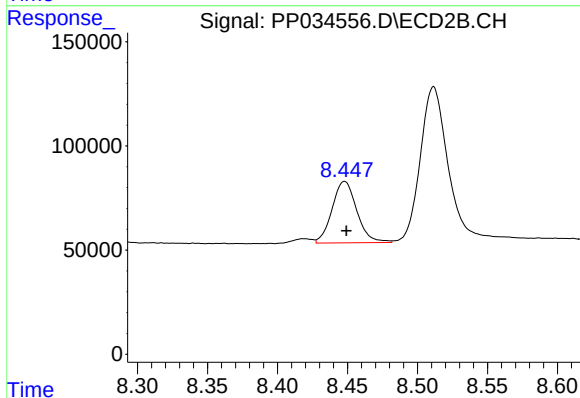
R.T.: 9.009 min
Delta R.T.: -0.002 min
Response: 372411
Conc: 328.17 ng/ml



#41 AR-1268-1

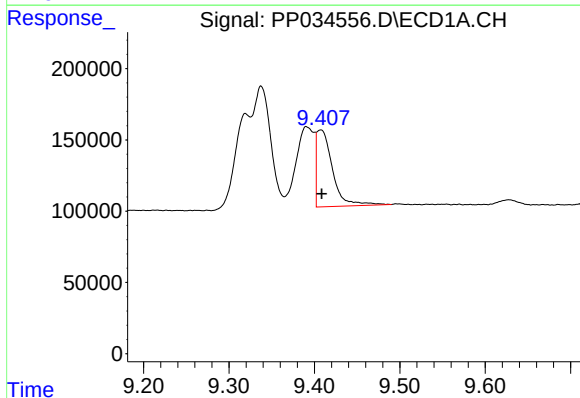
R.T.: 9.319 min
Delta R.T.: 0.004 min
Response: 791212
Conc: 79.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



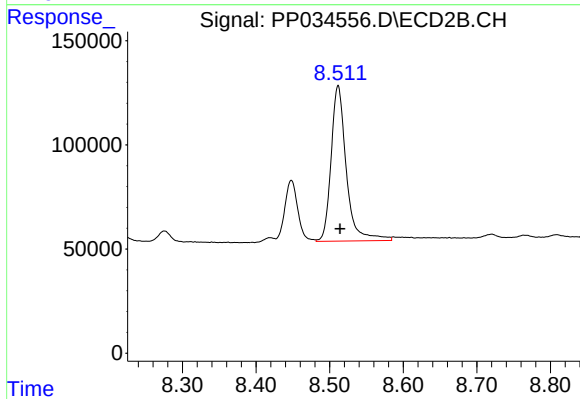
#41 AR-1268-1

R.T.: 8.448 min
Delta R.T.: -0.001 min
Response: 362646
Conc: 83.93 ng/ml



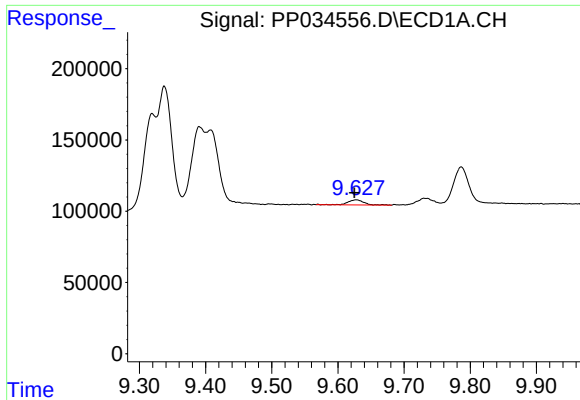
#42 AR-1268-2

R.T.: 9.408 min
Delta R.T.: -0.001 min
Response: 702964
Conc: 73.49 ng/ml



#42 AR-1268-2

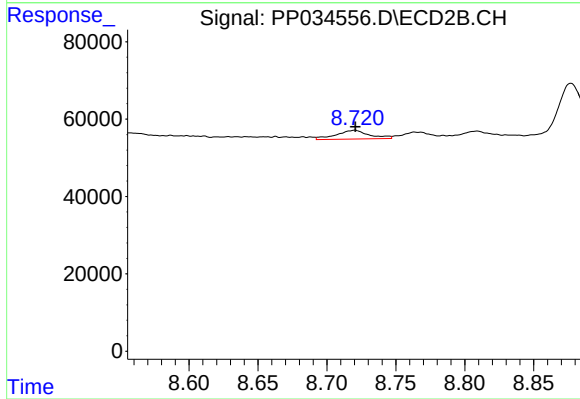
R.T.: 8.511 min
Delta R.T.: -0.002 min
Response: 1072032
Conc: 259.01 ng/ml



#43 AR-1268-3

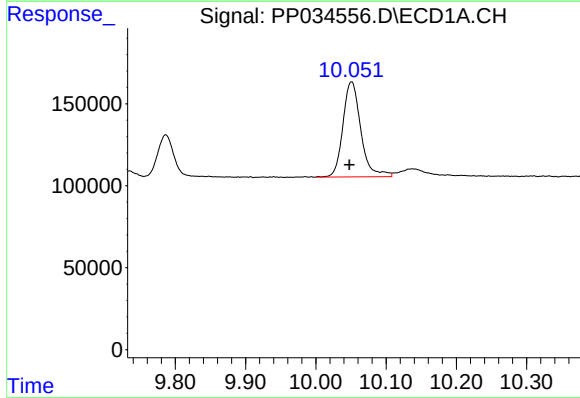
R.T.: 9.628 min
Delta R.T.: 0.003 min
Response: 60498
Conc: 6.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



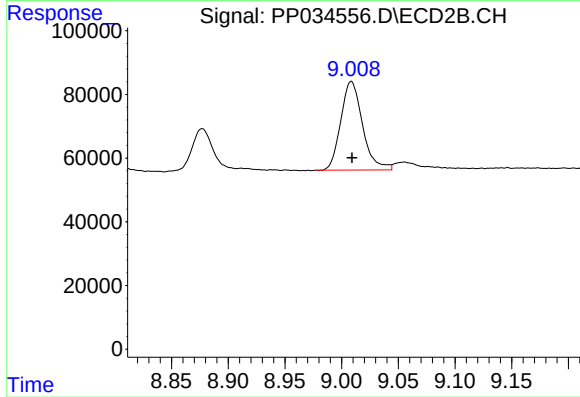
#43 AR-1268-3

R.T.: 8.720 min
Delta R.T.: 0.000 min
Response: 38289
Conc: 10.52 ng/ml



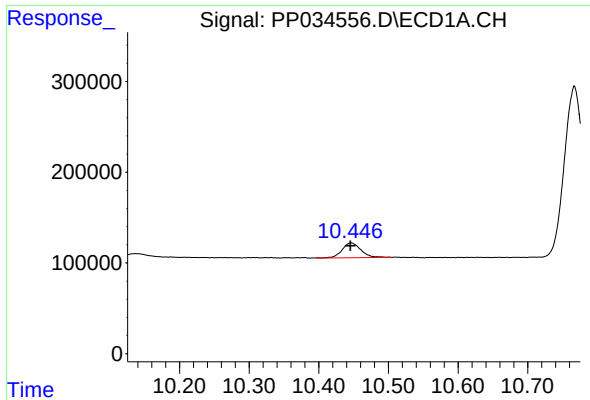
#44 AR-1268-4

R.T.: 10.051 min
Delta R.T.: 0.003 min
Response: 1027092
Conc: 321.53 ng/ml



#44 AR-1268-4

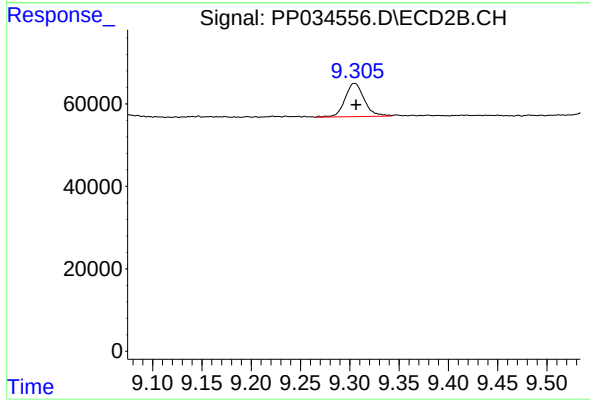
R.T.: 9.009 min
Delta R.T.: 0.000 min
Response: 372411
Conc: 289.08 ng/ml



#45 AR-1268-5

R.T.: 10.446 min
Delta R.T.: 0.000 min
Response: 310081
Conc: 10.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.305 min
Delta R.T.: -0.001 min
Response: 109937
Conc: 10.59 ng/ml