

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102721\
 Data File : PP040439.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Oct 2021 14:57
 Operator : AJ\MA
 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: Oct 28 00:47:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 27 13:26:47 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...	4.753	3.774	2001739	1221024	49.146	44.820
2)	SA Decachlor...	10.692	9.067	1368961	1225032	45.186	43.664
Target Compounds							
3)	L1 AR-1016-1	6.077	5.028	649290	435347	506.819	441.107
4)	L1 AR-1016-2	6.100	5.047	1033387	624353	516.592	428.760
5)	L1 AR-1016-3	6.166	5.238	664777	352429	529.349	439.957
6)	L1 AR-1016-4	6.273	5.292	543570	289883	549.840	436.682
7)	L1 AR-1016-5	6.588	5.520	531581	354543	548.268	481.170
8)	L2 AR-1221-1	4.996	4.032	-7523	47125	N.D.	142.727 #
9)	L2 AR-1221-2	5.104	4.132	98689	67567	290.751	259.075
10)	L2 AR-1221-3	5.191	4.220	398855	284344	371.264	334.356
11)	L3 AR-1232-1	5.191	4.220	398855	284344	449.762	402.637
12)	L3 AR-1232-2	5.779	5.047	469218	624353	1059.027	1043.920
13)	L3 AR-1232-3	6.100	5.238	1033387	352429	1254.301	1134.375
14)	L3 AR-1232-4	6.273	5.336	543570	349508	1380.633	1363.980
15)	L3 AR-1232-5	6.371	5.520	422269	354543	1587.801	1318.209
16)	L4 AR-1242-1	6.077	5.028	649290	435347	670.957	599.698
17)	L4 AR-1242-2	6.100	5.047	1033387	624353	687.792	588.437
18)	L4 AR-1242-3	6.166	5.238	664777	352429	704.833	606.006
19)	L4 AR-1242-4	6.273	5.336	543570	349508	720.719	681.326
20)	L4 AR-1242-5	7.058	5.901	79996	260627	101.033	384.031 #
21)	L5 AR-1248-1	6.077	5.028	649290	435347	869.175	832.037
22)	L5 AR-1248-2	6.371	5.292	422269	289883	407.902	363.728
23)	L5 AR-1248-3	6.588	5.336	531581	349508	413.178	470.572
24)	L5 AR-1248-4	7.018	5.520	99050	354543	67.394	424.278 #
25)	L5 AR-1248-5	7.058	5.943	79996	45060	55.938	45.836
26)	L6 AR-1254-1	6.987	5.901	334929	260627	231.746	184.617
27)	L6 AR-1254-2	7.217	6.061	386519	238333	171.706	191.783
28)	L6 AR-1254-3	7.599	6.501f	244784	457681	101.572	240.500 #
29)	L6 AR-1254-4	7.896	6.724	154068	64013	90.849	55.356 #
30)	L6 AR-1254-5	8.325	7.153	1158202	794024	636.679	459.089 #
31)	L7 AR-1260-1	7.767	6.620	860620	617900	551.481	432.226
32)	L7 AR-1260-2	8.034	6.819	987914	725195	536.055	433.232
33)	L7 AR-1260-3	8.400	6.973	749730	680002	540.599	430.011
34)	L7 AR-1260-4	8.631	7.459	839112	592645	531.449	438.458
35)	L7 AR-1260-5	8.947	7.710	1553935	1316388	527.216	438.442
36)	L8 AR-1262-1	8.400	7.196	749730	643311	354.727	371.149
37)	L8 AR-1262-2	8.947	7.710	1553935	1316388	433.822	437.381
38)	L8 AR-1262-3	9.266f	7.997	1021468	342973	582.219	267.734 #
39)	L8 AR-1262-4	9.333	8.060	273946	1023290	237.983	437.668 #
40)	L8 AR-1262-5	9.976	8.563	475757	393025	359.470	344.831
41)	L9 AR-1268-1	9.266f	7.997	1021468	342973	247.362	97.017 #

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

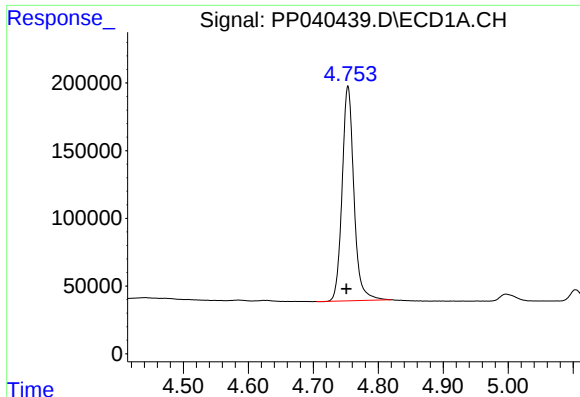
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 00:47:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102621.M
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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	9.333	8.060	273946	1023290	69.848	303.643 #
43) L9	AR-1268-3	9.553	8.269	20786	18036	6.356	6.138
44) L9	AR-1268-4	9.976	8.563	475757	393025	340.418	323.702
45) L9	AR-1268-5	10.371	8.836	133053	121282	13.303	13.504

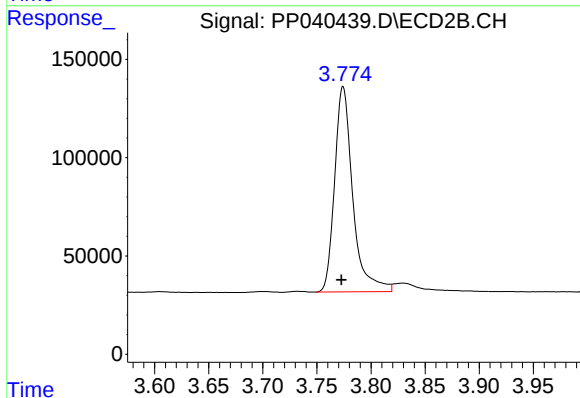
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

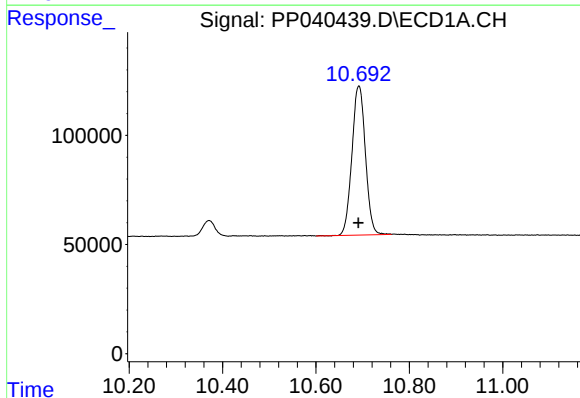
R.T.: 4.753 min
Delta R.T.: 0.002 min
Response: 2001739
Conc: 49.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



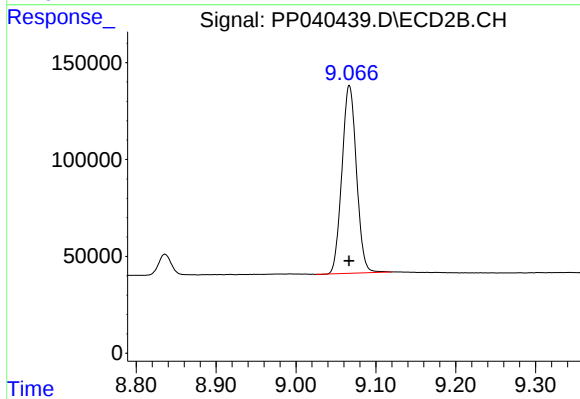
#1 Tetrachloro-m-xylene

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 1221024
Conc: 44.82 ng/ml



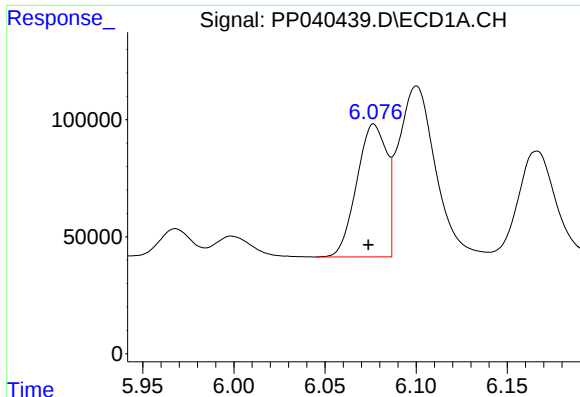
#2 Decachlorobiphenyl

R.T.: 10.692 min
Delta R.T.: 0.000 min
Response: 1368961
Conc: 45.19 ng/ml



#2 Decachlorobiphenyl

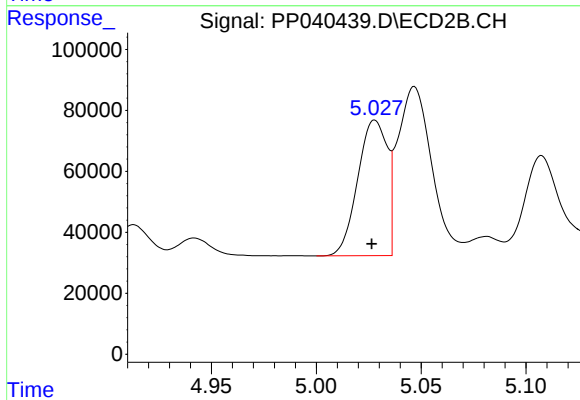
R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 1225032
Conc: 43.66 ng/ml



#3 AR-1016-1

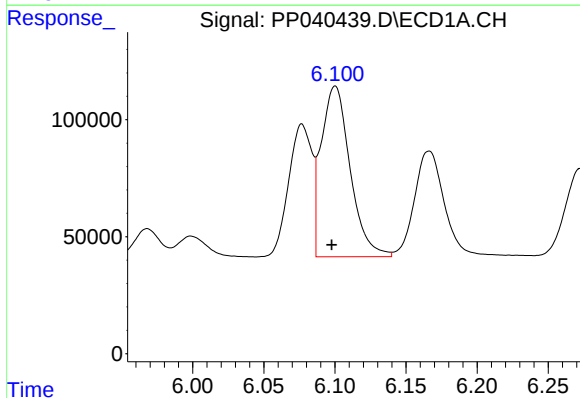
R.T.: 6.077 min
Delta R.T.: 0.003 min
Response: 649290
Conc: 506.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



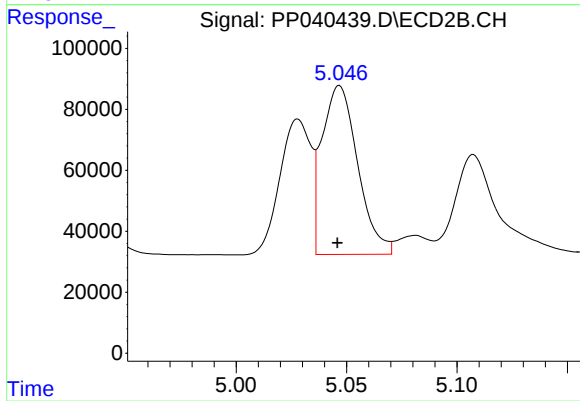
#3 AR-1016-1

R.T.: 5.028 min
Delta R.T.: 0.002 min
Response: 435347
Conc: 441.11 ng/ml



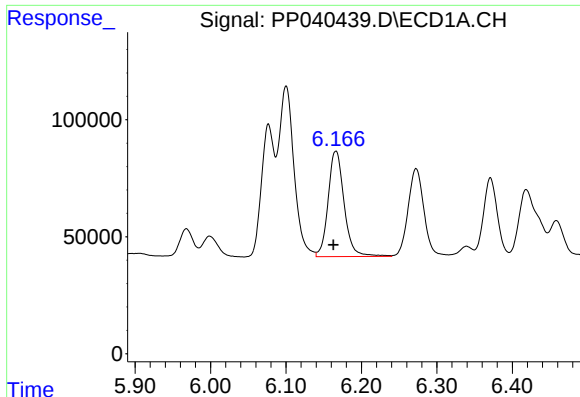
#4 AR-1016-2

R.T.: 6.100 min
Delta R.T.: 0.002 min
Response: 1033387
Conc: 516.59 ng/ml



#4 AR-1016-2

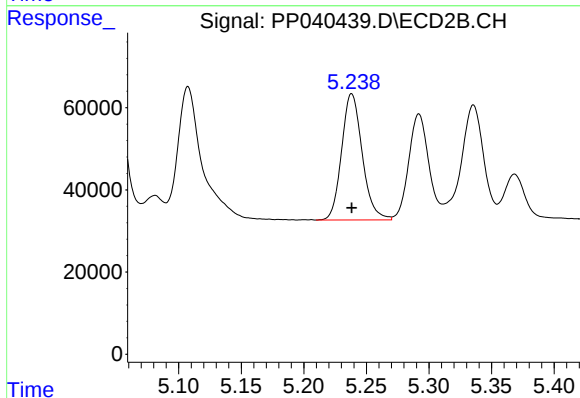
R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 624353
Conc: 428.76 ng/ml



#5 AR-1016-3

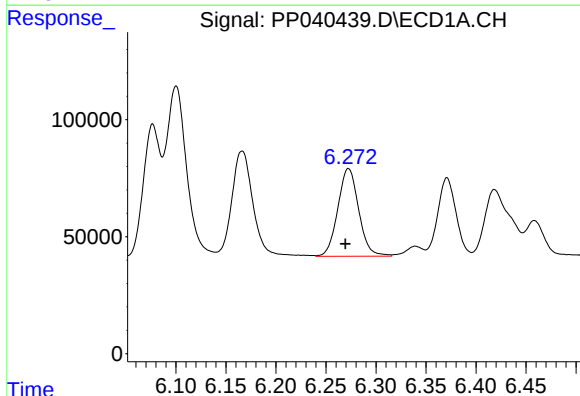
R.T.: 6.166 min
Delta R.T.: 0.003 min
Response: 664777
Conc: 529.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



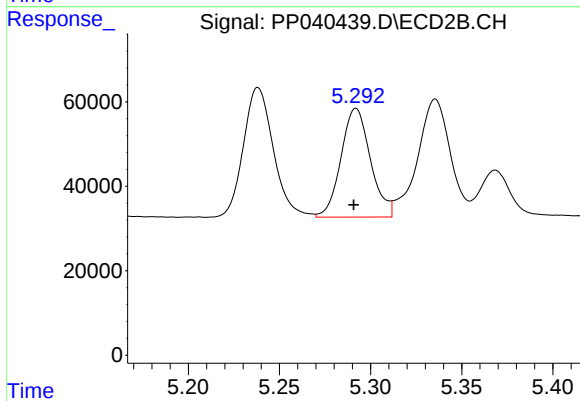
#5 AR-1016-3

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 352429
Conc: 439.96 ng/ml



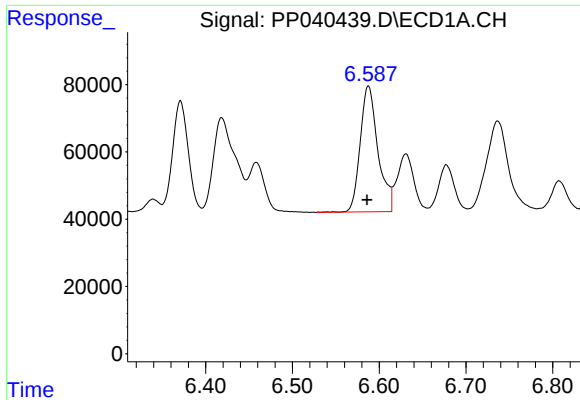
#6 AR-1016-4

R.T.: 6.273 min
Delta R.T.: 0.003 min
Response: 543570
Conc: 549.84 ng/ml



#6 AR-1016-4

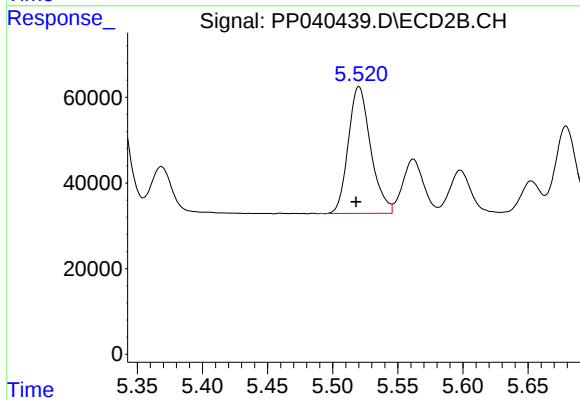
R.T.: 5.292 min
Delta R.T.: 0.001 min
Response: 289883
Conc: 436.68 ng/ml



#7 AR-1016-5

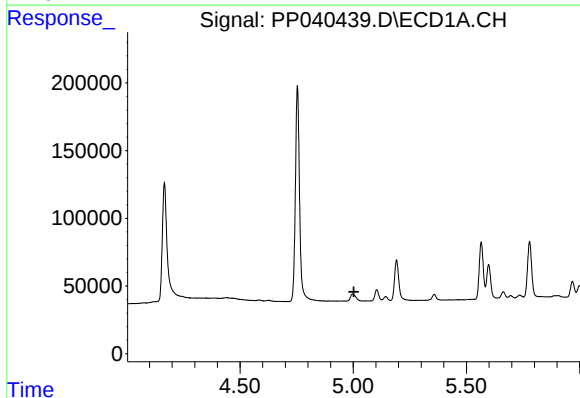
R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 531581
Conc: 548.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



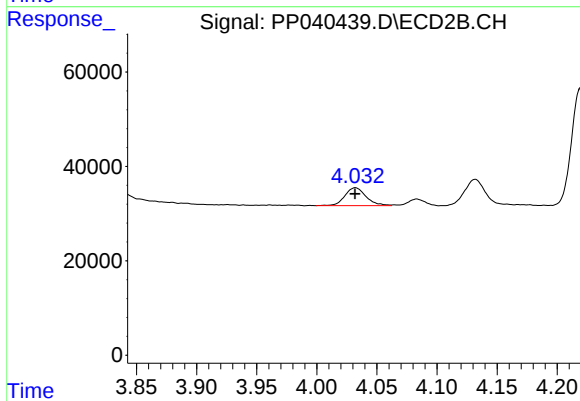
#7 AR-1016-5

R.T.: 5.520 min
Delta R.T.: 0.002 min
Response: 354543
Conc: 481.17 ng/ml



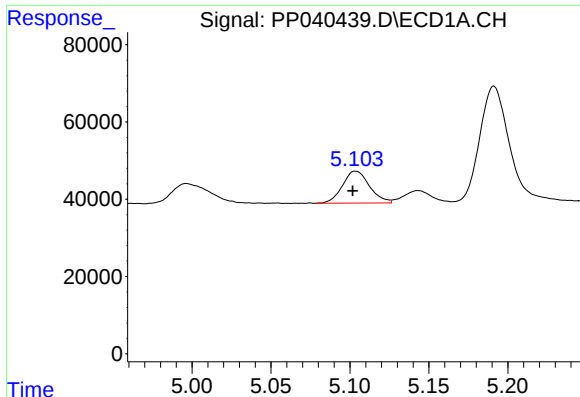
#8 AR-1221-1

R.T.: 4.996 min
Delta R.T.: -0.007 min
Response: -7523
Conc: N.D.



#8 AR-1221-1

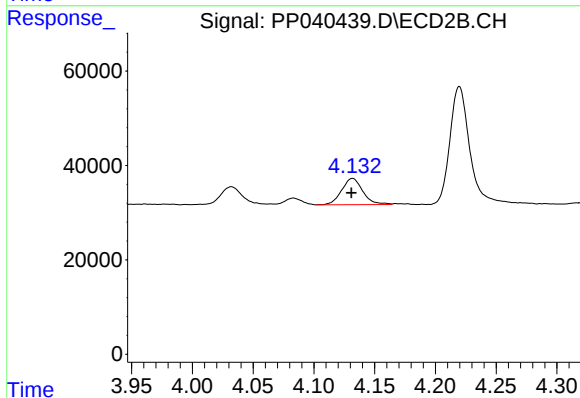
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 47125
Conc: 142.73 ng/ml



#9 AR-1221-2

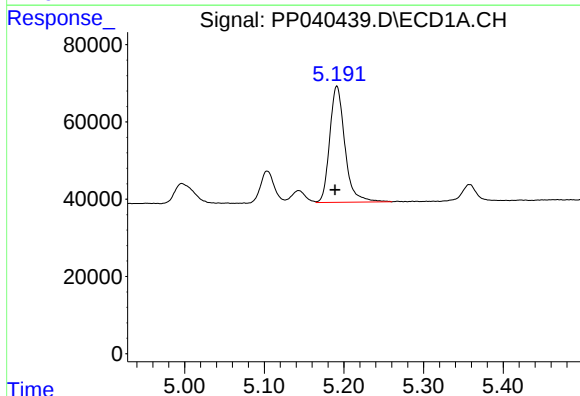
R.T.: 5.104 min
Delta R.T.: 0.002 min
Response: 98689
Conc: 290.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



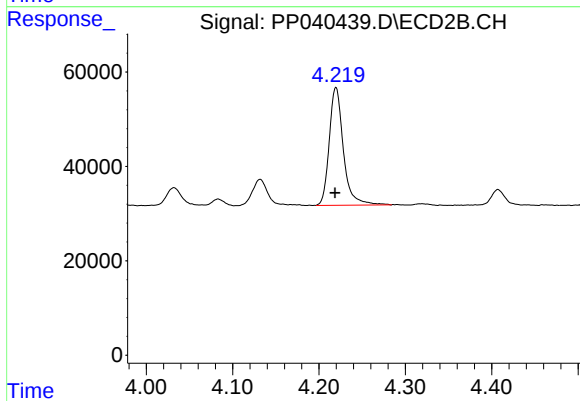
#9 AR-1221-2

R.T.: 4.132 min
Delta R.T.: 0.001 min
Response: 67567
Conc: 259.07 ng/ml



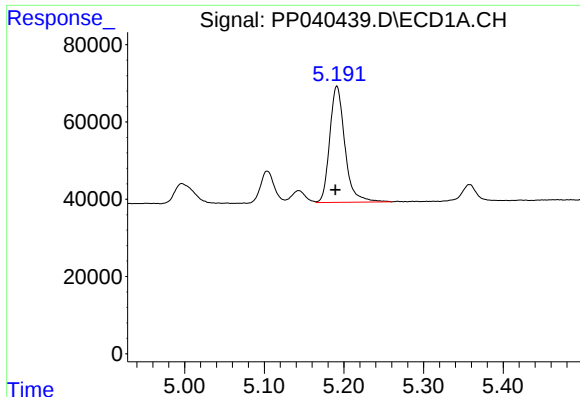
#10 AR-1221-3

R.T.: 5.191 min
Delta R.T.: 0.002 min
Response: 398855
Conc: 371.26 ng/ml



#10 AR-1221-3

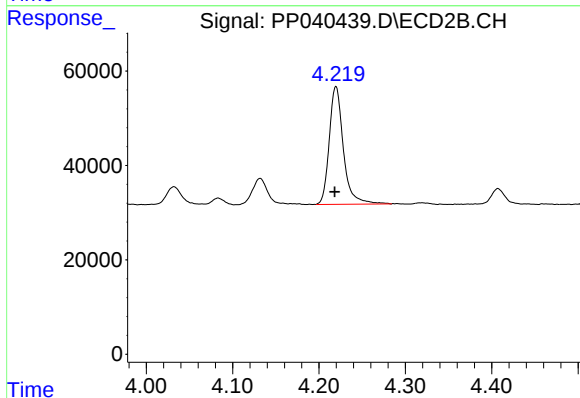
R.T.: 4.220 min
Delta R.T.: 0.001 min
Response: 284344
Conc: 334.36 ng/ml



#11 AR-1232-1

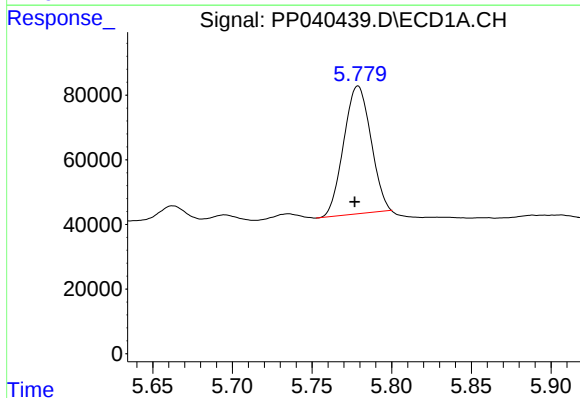
R.T.: 5.191 min
Delta R.T.: 0.002 min
Response: 398855
Conc: 449.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



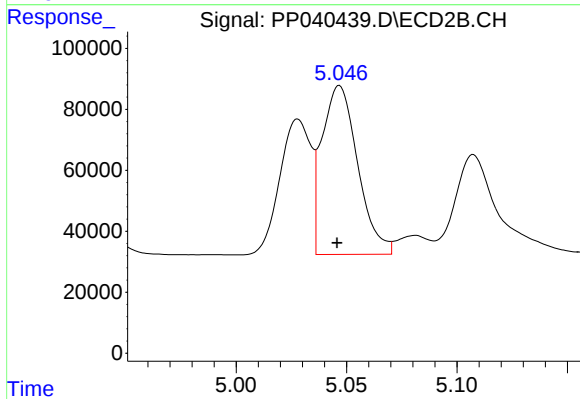
#11 AR-1232-1

R.T.: 4.220 min
Delta R.T.: 0.001 min
Response: 284344
Conc: 402.64 ng/ml



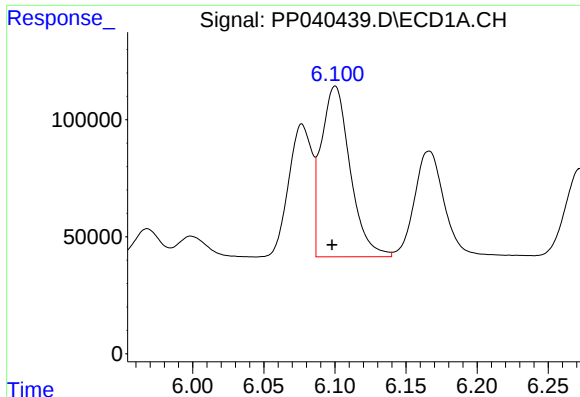
#12 AR-1232-2

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 469218
Conc: 1059.03 ng/ml



#12 AR-1232-2

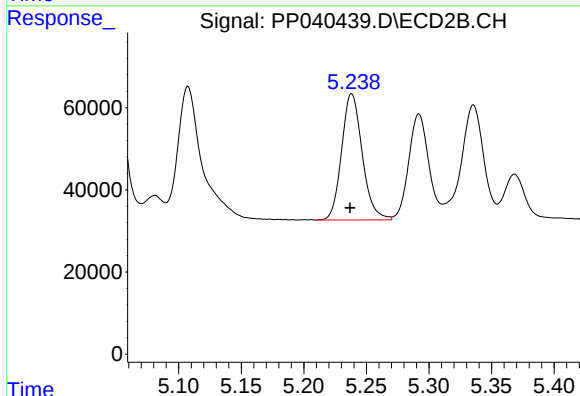
R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 624353
Conc: 1043.92 ng/ml



#13 AR-1232-3

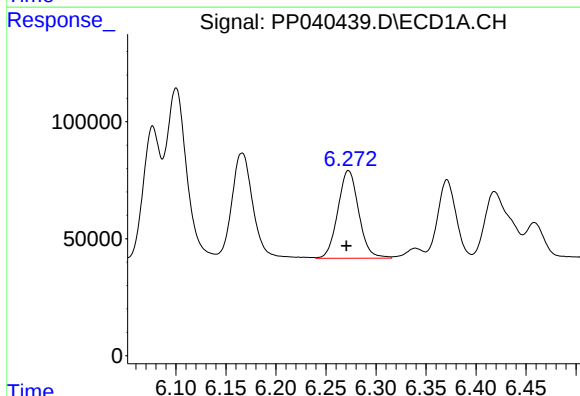
R.T.: 6.100 min
Delta R.T.: 0.002 min
Response: 1033387
Conc: 1254.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



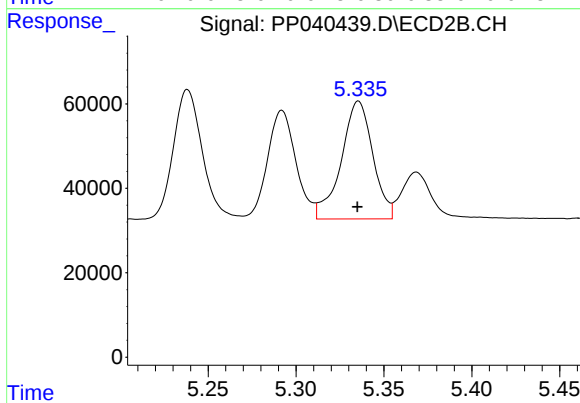
#13 AR-1232-3

R.T.: 5.238 min
Delta R.T.: 0.001 min
Response: 352429
Conc: 1134.37 ng/ml



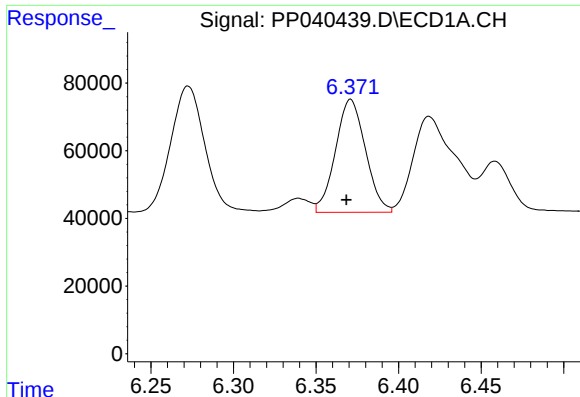
#14 AR-1232-4

R.T.: 6.273 min
Delta R.T.: 0.002 min
Response: 543570
Conc: 1380.63 ng/ml



#14 AR-1232-4

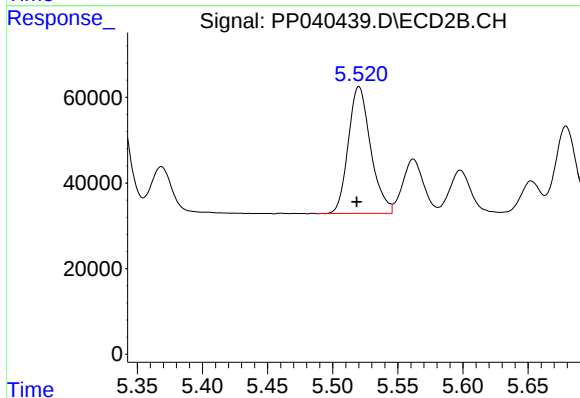
R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 349508
Conc: 1363.98 ng/ml



#15 AR-1232-5

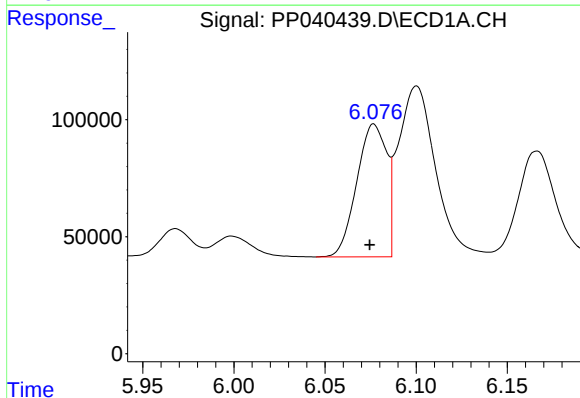
R.T.: 6.371 min
Delta R.T.: 0.003 min
Response: 422269
Conc: 1587.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



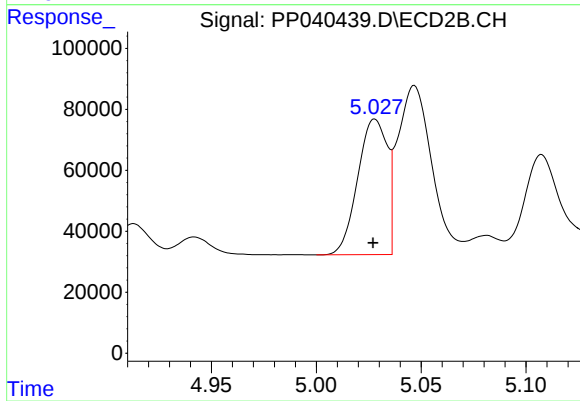
#15 AR-1232-5

R.T.: 5.520 min
Delta R.T.: 0.002 min
Response: 354543
Conc: 1318.21 ng/ml



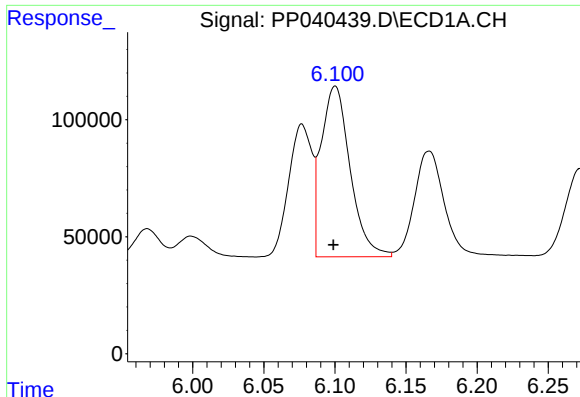
#16 AR-1242-1

R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 649290
Conc: 670.96 ng/ml



#16 AR-1242-1

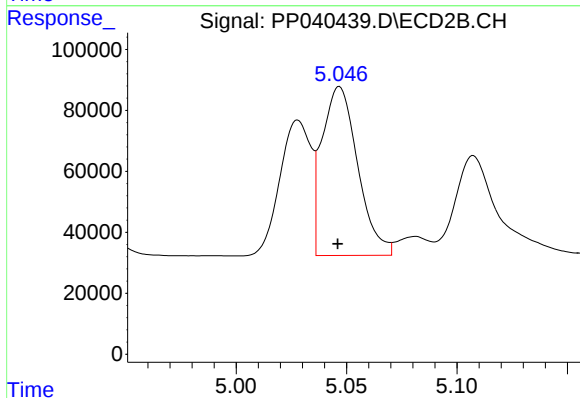
R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 435347
Conc: 599.70 ng/ml



#17 AR-1242-2

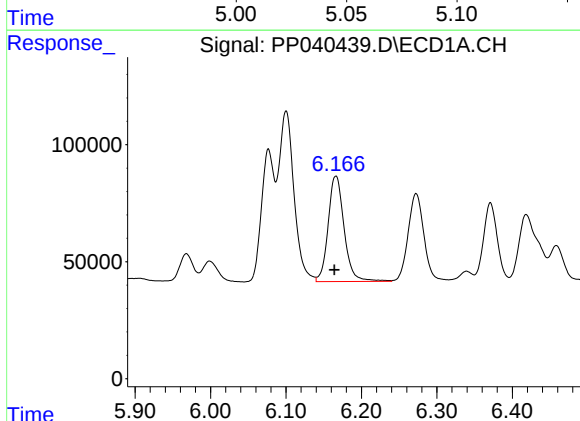
R.T.: 6.100 min
Delta R.T.: 0.001 min
Response: 1033387
Conc: 687.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



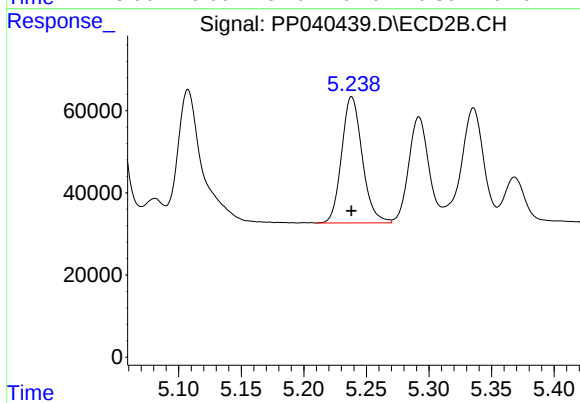
#17 AR-1242-2

R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 624353
Conc: 588.44 ng/ml



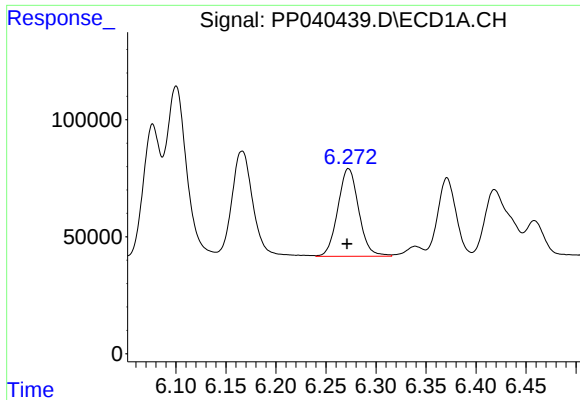
#18 AR-1242-3

R.T.: 6.166 min
Delta R.T.: 0.002 min
Response: 664777
Conc: 704.83 ng/ml



#18 AR-1242-3

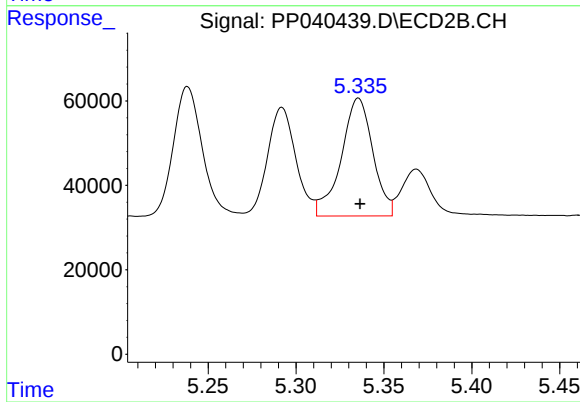
R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 352429
Conc: 606.01 ng/ml



#19 AR-1242-4

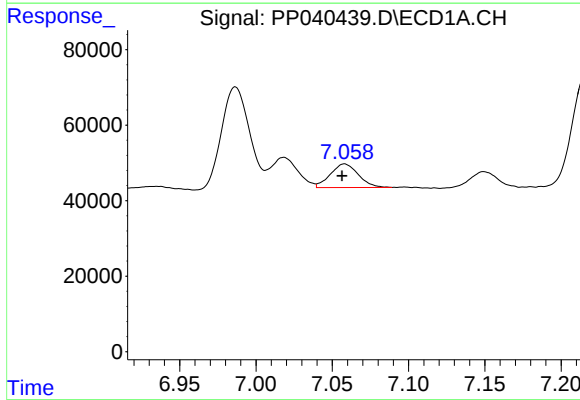
R.T.: 6.273 min
Delta R.T.: 0.001 min
Response: 543570
Conc: 720.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



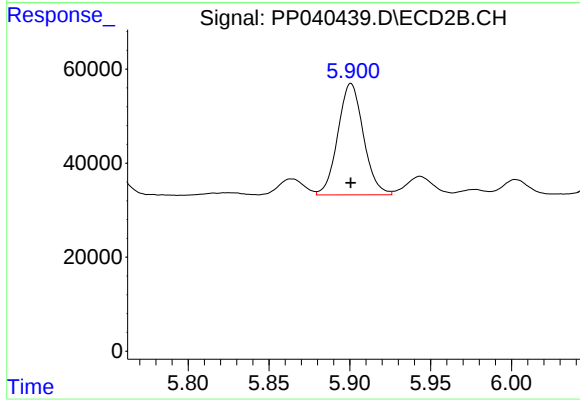
#19 AR-1242-4

R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 349508
Conc: 681.33 ng/ml



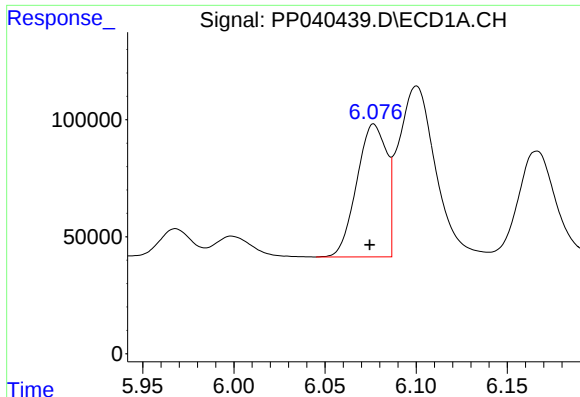
#20 AR-1242-5

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 79996
Conc: 101.03 ng/ml



#20 AR-1242-5

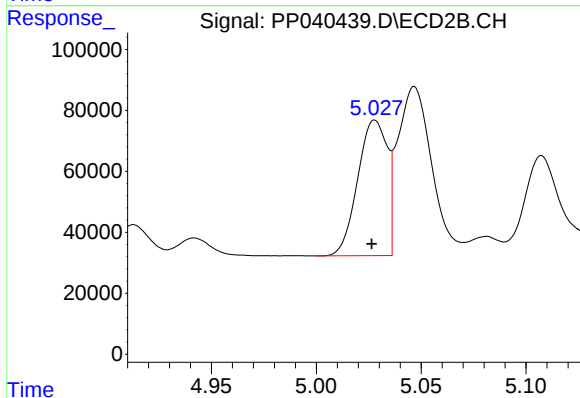
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 260627
Conc: 384.03 ng/ml



#21 AR-1248-1

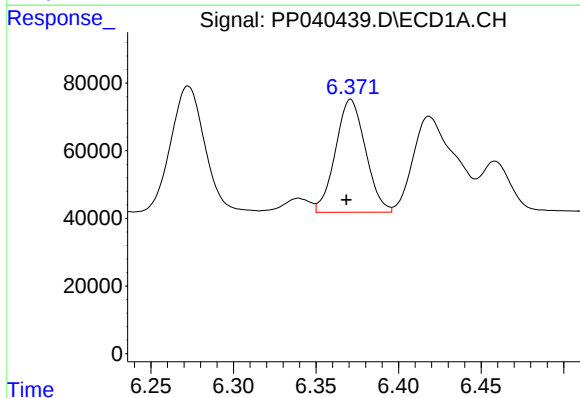
R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 649290
Conc: 869.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



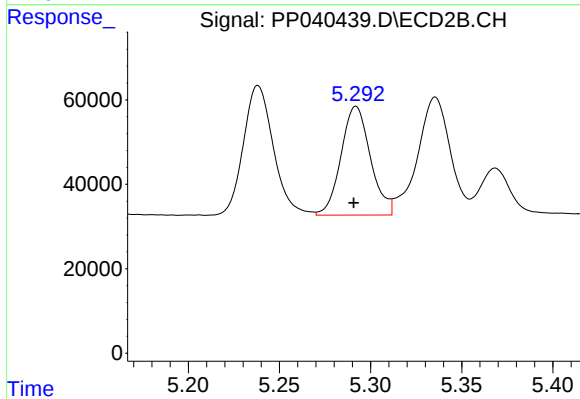
#21 AR-1248-1

R.T.: 5.028 min
Delta R.T.: 0.002 min
Response: 435347
Conc: 832.04 ng/ml



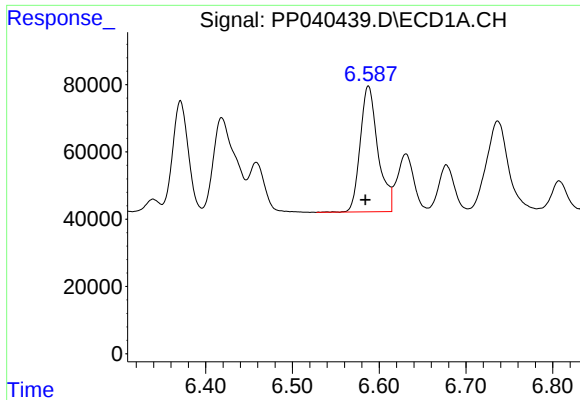
#22 AR-1248-2

R.T.: 6.371 min
Delta R.T.: 0.003 min
Response: 422269
Conc: 407.90 ng/ml



#22 AR-1248-2

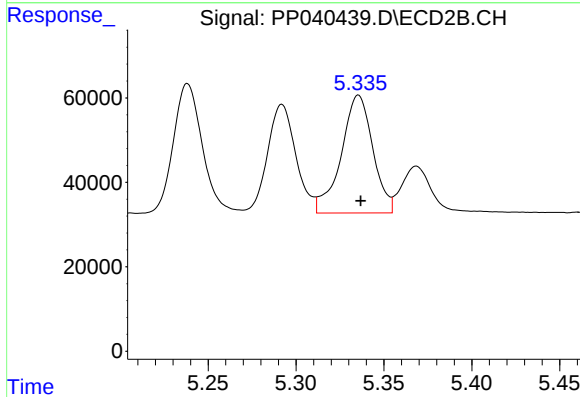
R.T.: 5.292 min
Delta R.T.: 0.001 min
Response: 289883
Conc: 363.73 ng/ml



#23 AR-1248-3

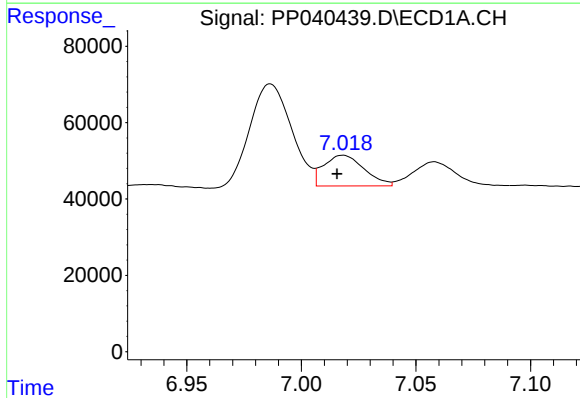
R.T.: 6.588 min
Delta R.T.: 0.003 min
Response: 531581
Conc: 413.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



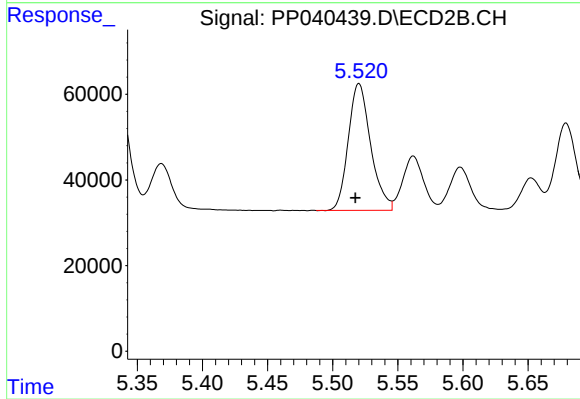
#23 AR-1248-3

R.T.: 5.336 min
Delta R.T.: -0.001 min
Response: 349508
Conc: 470.57 ng/ml



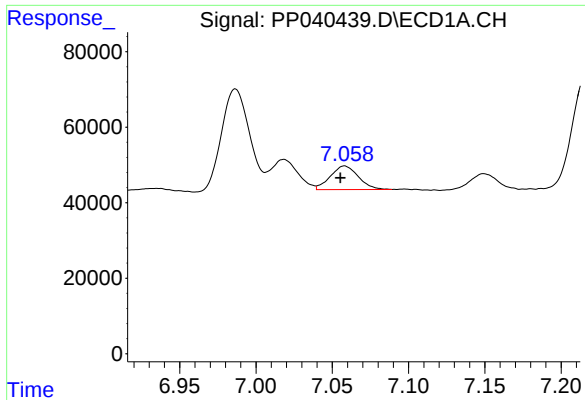
#24 AR-1248-4

R.T.: 7.018 min
Delta R.T.: 0.003 min
Response: 99050
Conc: 67.39 ng/ml



#24 AR-1248-4

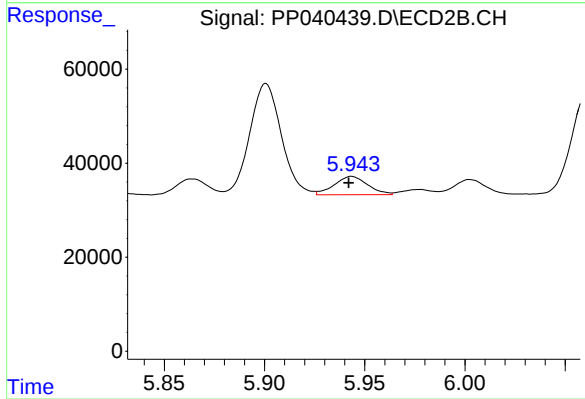
R.T.: 5.520 min
Delta R.T.: 0.003 min
Response: 354543
Conc: 424.28 ng/ml



#25 AR-1248-5

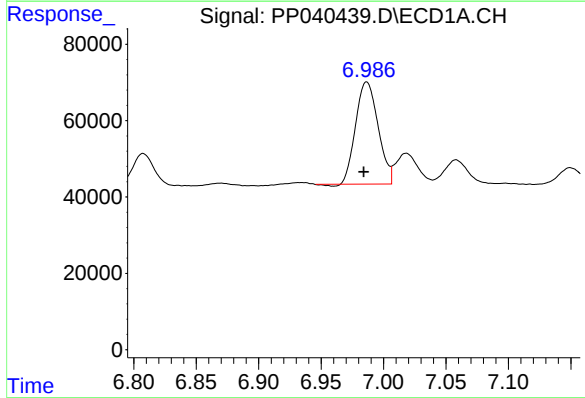
R.T.: 7.058 min
Delta R.T.: 0.003 min
Response: 79996
Conc: 55.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



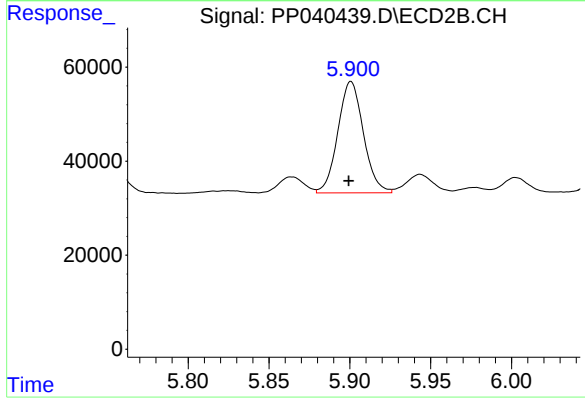
#25 AR-1248-5

R.T.: 5.943 min
Delta R.T.: 0.001 min
Response: 45060
Conc: 45.84 ng/ml



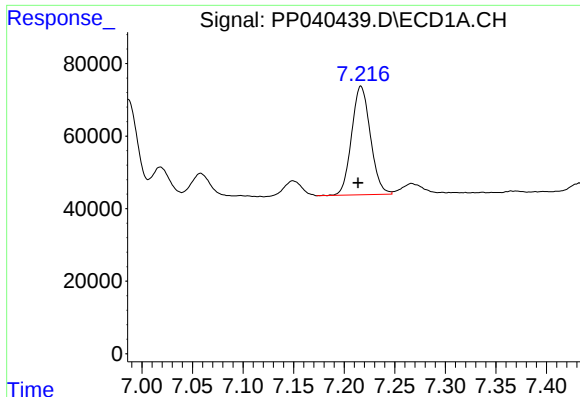
#26 AR-1254-1

R.T.: 6.987 min
Delta R.T.: 0.002 min
Response: 334929
Conc: 231.75 ng/ml



#26 AR-1254-1

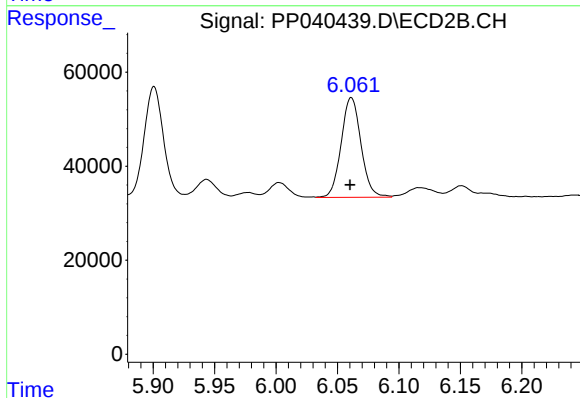
R.T.: 5.901 min
Delta R.T.: 0.001 min
Response: 260627
Conc: 184.62 ng/ml



#27 AR-1254-2

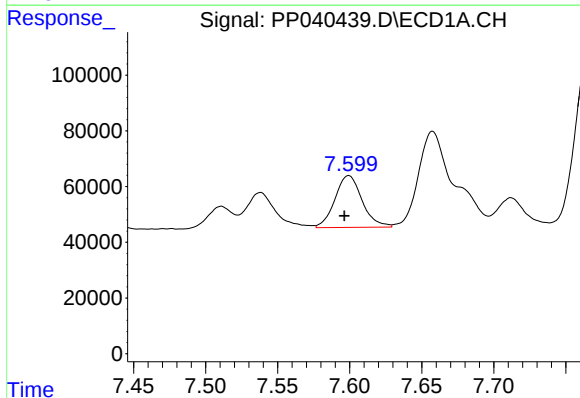
R.T.: 7.217 min
Delta R.T.: 0.003 min
Response: 386519
Conc: 171.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



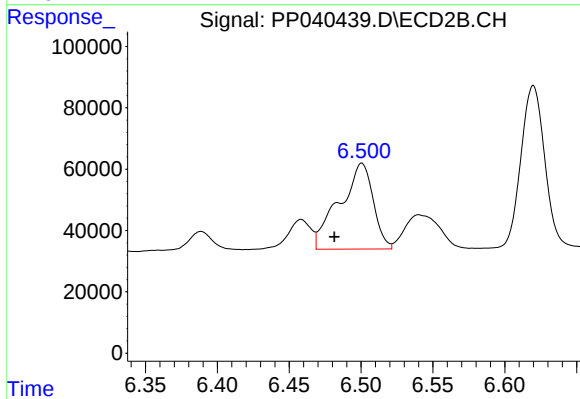
#27 AR-1254-2

R.T.: 6.061 min
Delta R.T.: 0.001 min
Response: 238333
Conc: 191.78 ng/ml



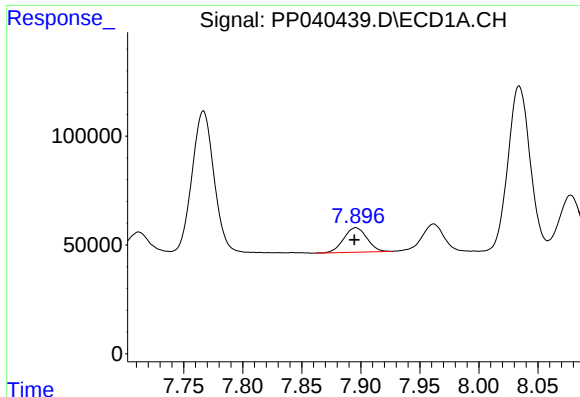
#28 AR-1254-3

R.T.: 7.599 min
Delta R.T.: 0.003 min
Response: 244784
Conc: 101.57 ng/ml



#28 AR-1254-3

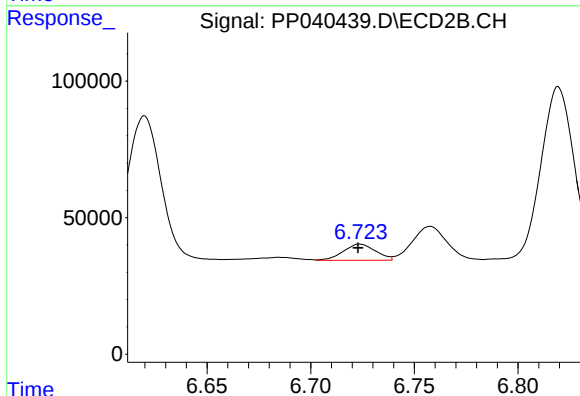
R.T.: 6.501 min
Delta R.T.: 0.019 min
Response: 457681
Conc: 240.50 ng/ml



#29 AR-1254-4

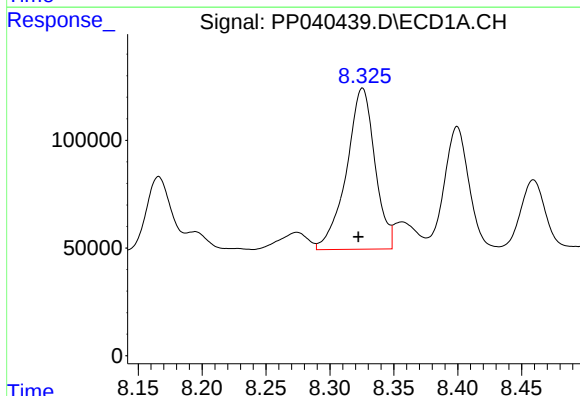
R.T.: 7.896 min
Delta R.T.: 0.001 min
Response: 154068
Conc: 90.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



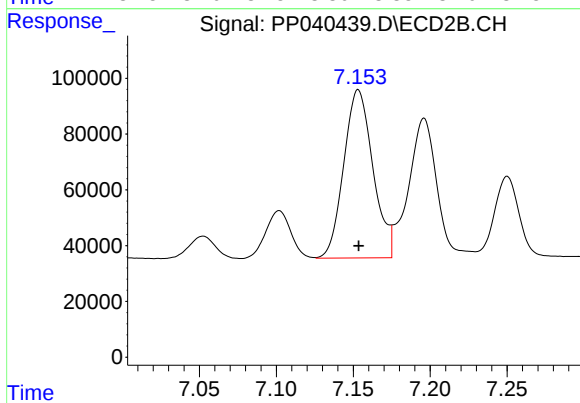
#29 AR-1254-4

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 64013
Conc: 55.36 ng/ml



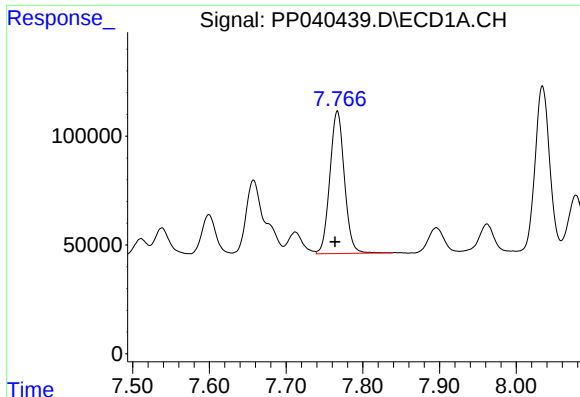
#30 AR-1254-5

R.T.: 8.325 min
Delta R.T.: 0.003 min
Response: 1158202
Conc: 636.68 ng/ml



#30 AR-1254-5

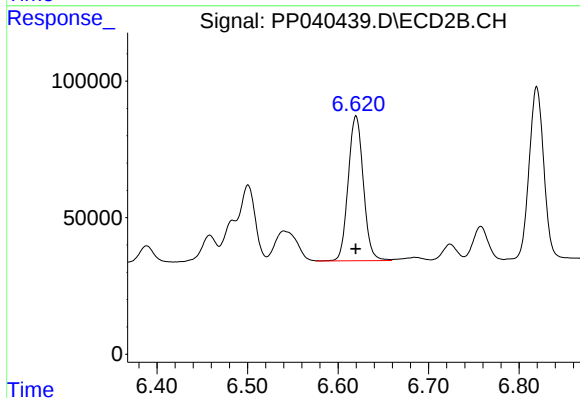
R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 794024
Conc: 459.09 ng/ml



#31 AR-1260-1

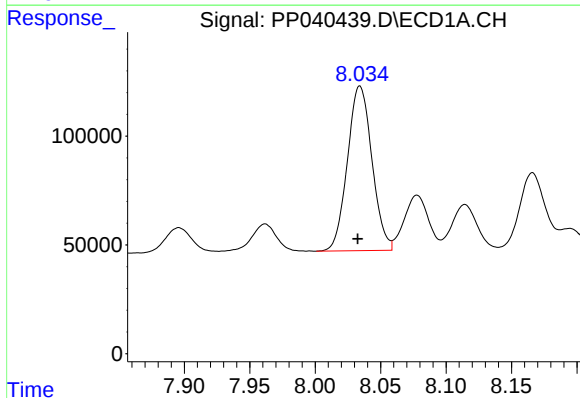
R.T.: 7.767 min
Delta R.T.: 0.003 min
Response: 860620
Conc: 551.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



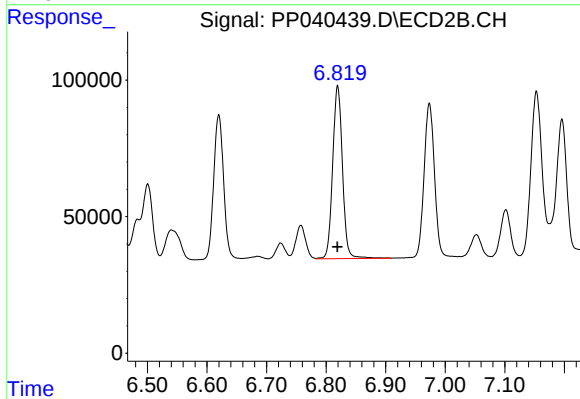
#31 AR-1260-1

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 617900
Conc: 432.23 ng/ml



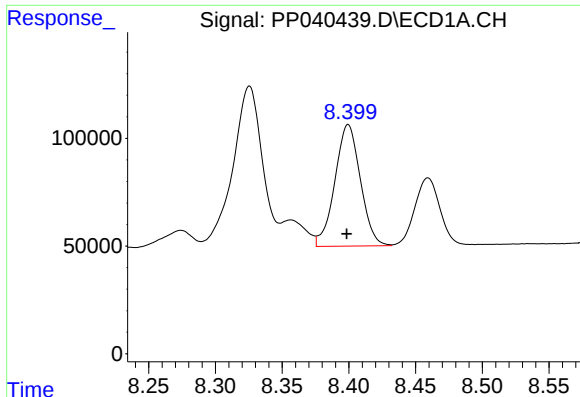
#32 AR-1260-2

R.T.: 8.034 min
Delta R.T.: 0.002 min
Response: 987914
Conc: 536.05 ng/ml



#32 AR-1260-2

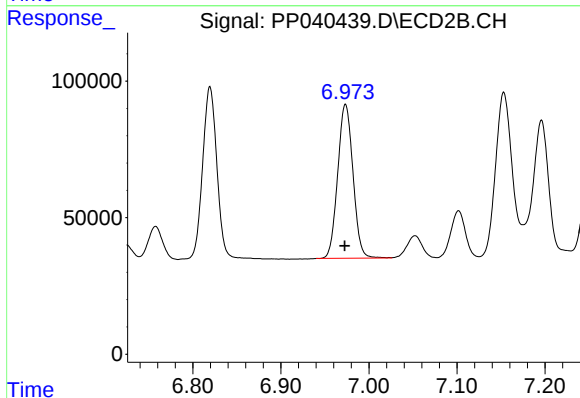
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 725195
Conc: 433.23 ng/ml



#33 AR-1260-3

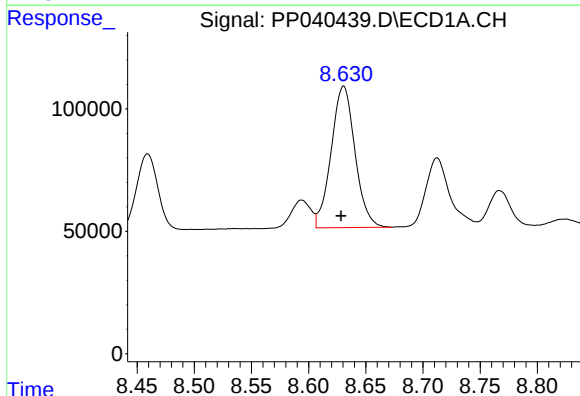
R.T.: 8.400 min
Delta R.T.: 0.001 min
Response: 749730
Conc: 540.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



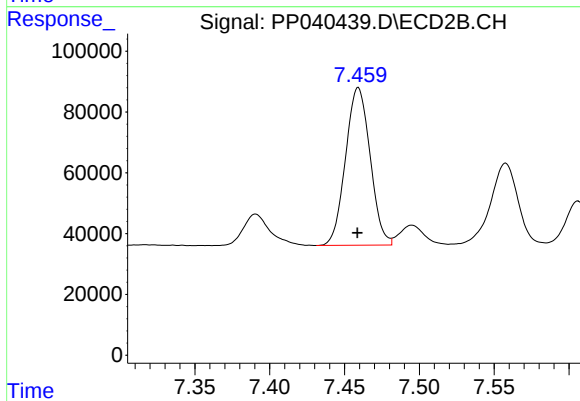
#33 AR-1260-3

R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 680002
Conc: 430.01 ng/ml



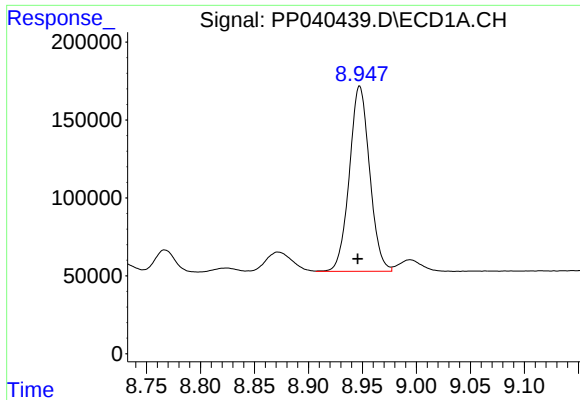
#34 AR-1260-4

R.T.: 8.631 min
Delta R.T.: 0.002 min
Response: 839112
Conc: 531.45 ng/ml



#34 AR-1260-4

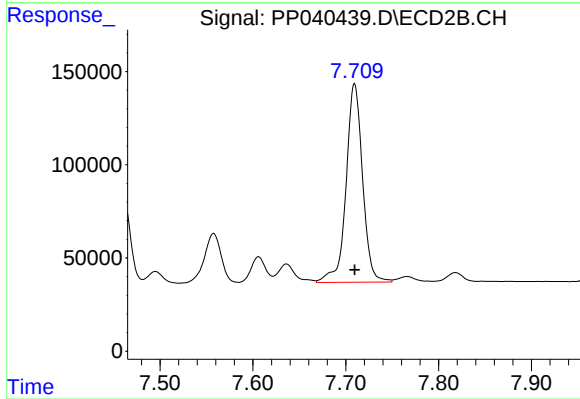
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 592645
Conc: 438.46 ng/ml



#35 AR-1260-5

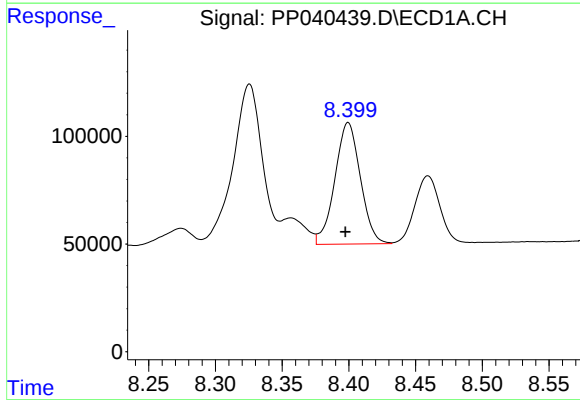
R.T.: 8.947 min
Delta R.T.: 0.002 min
Response: 1553935
Conc: 527.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



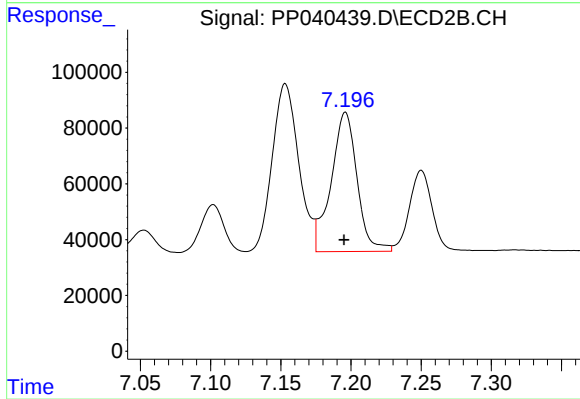
#35 AR-1260-5

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 1316388
Conc: 438.44 ng/ml



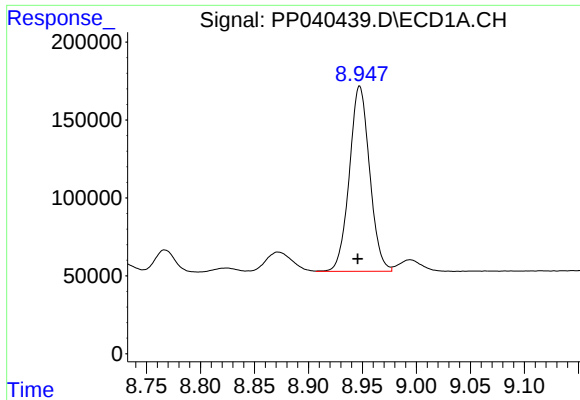
#36 AR-1262-1

R.T.: 8.400 min
Delta R.T.: 0.002 min
Response: 749730
Conc: 354.73 ng/ml



#36 AR-1262-1

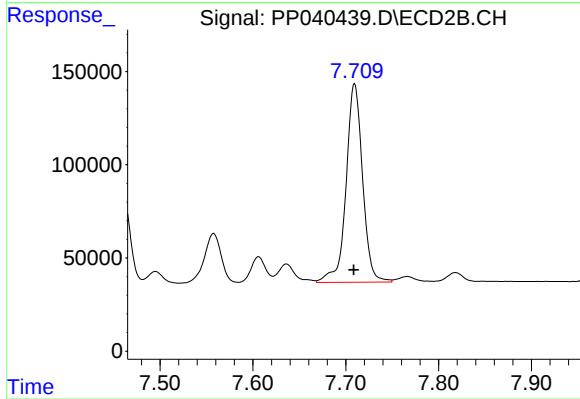
R.T.: 7.196 min
Delta R.T.: 0.001 min
Response: 643311
Conc: 371.15 ng/ml



#37 AR-1262-2

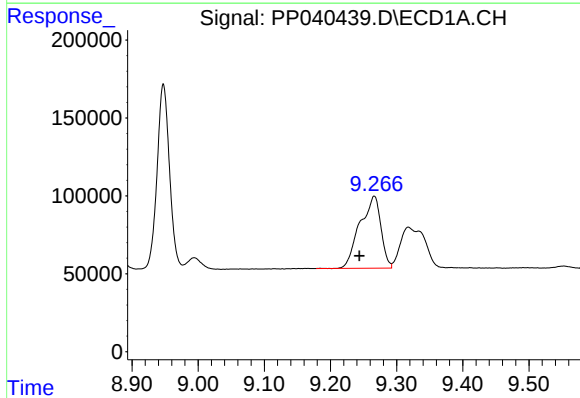
R.T.: 8.947 min
Delta R.T.: 0.002 min
Response: 1553935
Conc: 433.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



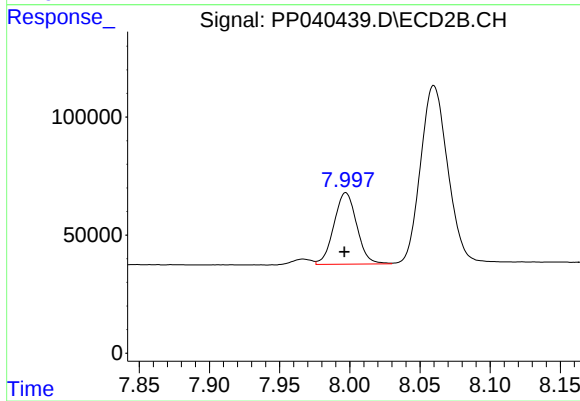
#37 AR-1262-2

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 1316388
Conc: 437.38 ng/ml



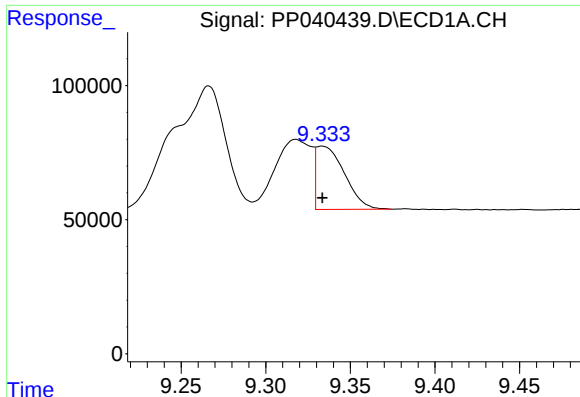
#38 AR-1262-3

R.T.: 9.266 min
Delta R.T.: 0.022 min
Response: 1021468
Conc: 582.22 ng/ml



#38 AR-1262-3

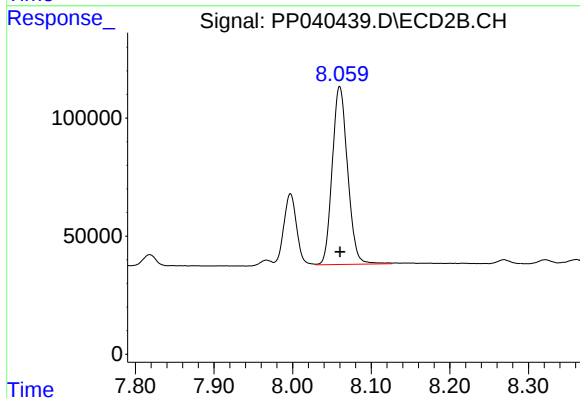
R.T.: 7.997 min
Delta R.T.: 0.001 min
Response: 342973
Conc: 267.73 ng/ml



#39 AR-1262-4

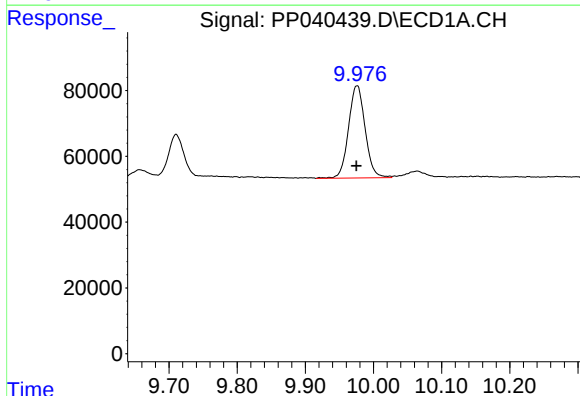
R.T.: 9.333 min
Delta R.T.: 0.000 min
Response: 273946
Conc: 237.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



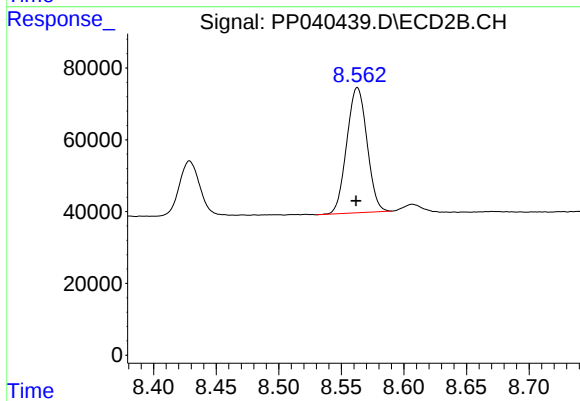
#39 AR-1262-4

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 1023290
Conc: 437.67 ng/ml



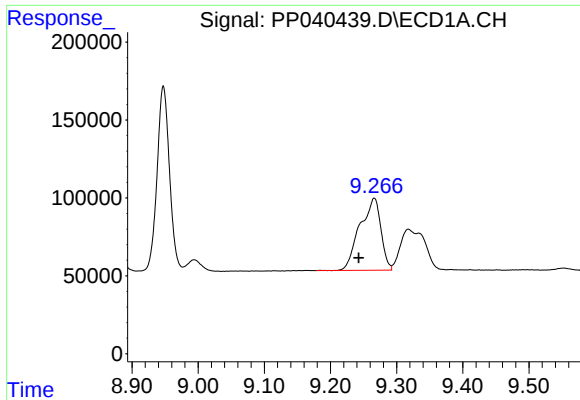
#40 AR-1262-5

R.T.: 9.976 min
Delta R.T.: 0.001 min
Response: 475757
Conc: 359.47 ng/ml



#40 AR-1262-5

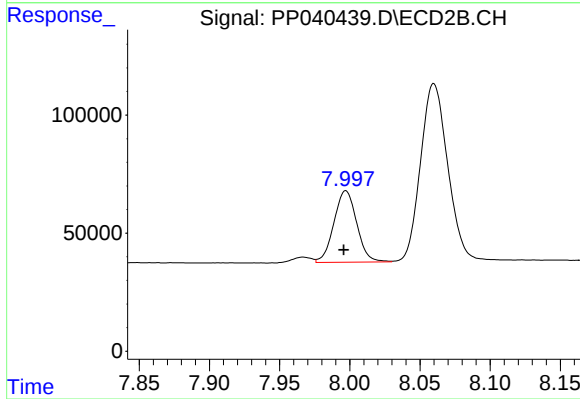
R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 393025
Conc: 344.83 ng/ml



#41 AR-1268-1

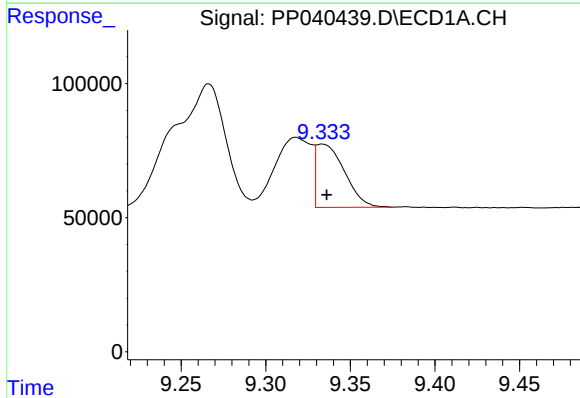
R.T.: 9.266 min
Delta R.T.: 0.024 min
Response: 1021468
Conc: 247.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



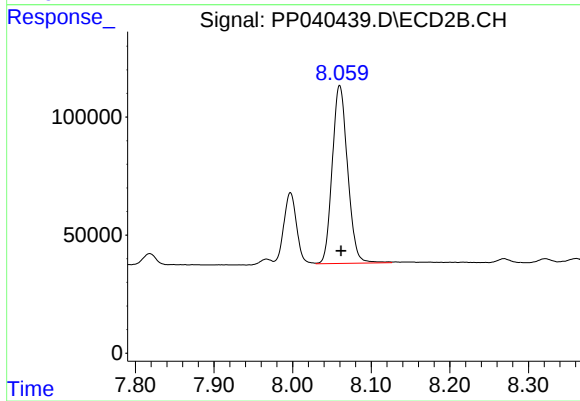
#41 AR-1268-1

R.T.: 7.997 min
Delta R.T.: 0.001 min
Response: 342973
Conc: 97.02 ng/ml



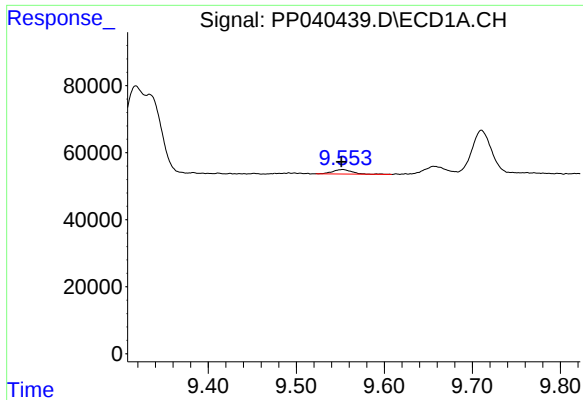
#42 AR-1268-2

R.T.: 9.333 min
Delta R.T.: -0.003 min
Response: 273946
Conc: 69.85 ng/ml



#42 AR-1268-2

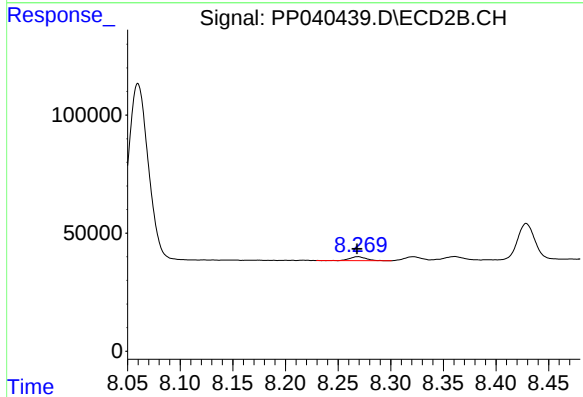
R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 1023290
Conc: 303.64 ng/ml



#43 AR-1268-3

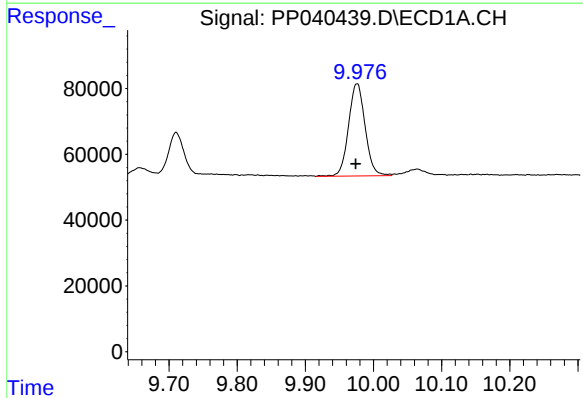
R.T.: 9.553 min
Delta R.T.: 0.001 min
Response: 20786
Conc: 6.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



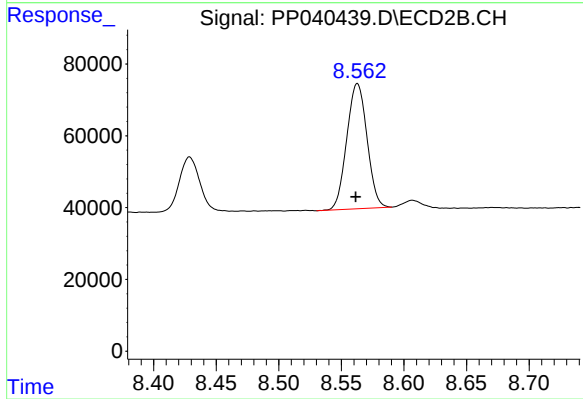
#43 AR-1268-3

R.T.: 8.269 min
Delta R.T.: 0.000 min
Response: 18036
Conc: 6.14 ng/ml



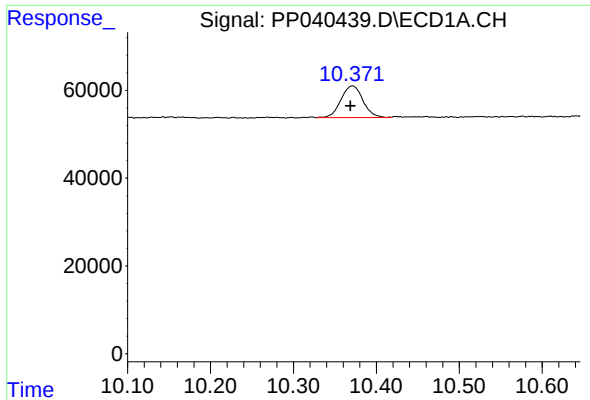
#44 AR-1268-4

R.T.: 9.976 min
Delta R.T.: 0.002 min
Response: 475757
Conc: 340.42 ng/ml



#44 AR-1268-4

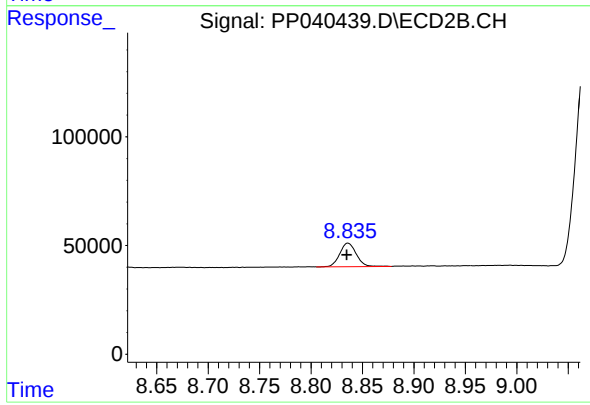
R.T.: 8.563 min
Delta R.T.: 0.001 min
Response: 393025
Conc: 323.70 ng/ml



#45 AR-1268-5

R.T.: 10.371 min
Delta R.T.: 0.002 min
Response: 133053
Conc: 13.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.836 min
Delta R.T.: 0.001 min
Response: 121282
Conc: 13.50 ng/ml