

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032020\
 Data File : P0067373.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Mar 2020 18:58
 Operator : DD\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 20 22:39:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 19 16:36:53 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.941	3.952	1146960	1816651	53.965	51.966
2)	SA Decachlor...	10.927	9.247	1358067	1752973	47.265	44.941
Target Compounds							
3)	L1 AR-1016-1	6.261	5.209	480405	768057	530.904	502.099
4)	L1 AR-1016-2	6.285	5.229	667047	1024055	535.381	507.604
5)	L1 AR-1016-3	6.350	5.420	409268	566659	522.487	507.743
6)	L1 AR-1016-4	6.457	5.473	333240	464330	523.917	499.243
7)	L1 AR-1016-5	6.772	5.701	336470	592802	520.745	499.912
8)	L2 AR-1221-1	0.000	4.209	0	68579	N.D.	162.561 #
9)	L2 AR-1221-2	0.000	4.308	0	98612	N.D.	308.737 #
10)	L2 AR-1221-3	5.378	4.398	227990	375151	390.032	380.557
11)	L3 AR-1232-1	5.378	4.398	227990	375151	531.154	518.376
12)	L3 AR-1232-2	5.966	5.229	328271	1024055	1407.862	1395.810
13)	L3 AR-1232-3	6.285	5.420	667047	566659	1584.987	1450.125
14)	L3 AR-1232-4	6.457	5.518	333240	557648	1538.302	1561.223
15)	L3 AR-1232-5	6.555	5.701	276517	592802	1716.254	1508.334
16)	L4 AR-1242-1	6.261	5.209	480405	768057	703.279	658.012
17)	L4 AR-1242-2	6.285	5.229	667047	1024055	718.047	668.743
18)	L4 AR-1242-3	6.350	5.420	409268	566659	690.745	671.636
19)	L4 AR-1242-4	6.457	5.518	333240	557648	697.453	659.521
20)	L4 AR-1242-5	7.170	6.081	163745	437198	300.715	408.832 #
21)	L5 AR-1248-1	6.261	5.209	480405	768057	1063.179	968.937
22)	L5 AR-1248-2	6.555	5.473	276517	464330	458.656	450.043
23)	L5 AR-1248-3	6.772	5.518	336470	557648	476.499	529.839
24)	L5 AR-1248-4	7.170	5.701	163745	592802	197.158	468.740 #
25)	L5 AR-1248-5	7.170	6.124	163745	81464	206.704	64.942 #
26)	L6 AR-1254-1	7.170	6.081	163745	437198	194.641	224.544
27)	L6 AR-1254-2	7.397	6.241	255825	404316	190.776	234.569
28)	L6 AR-1254-3	7.778	6.662	151000	241927	104.196	86.258
29)	L6 AR-1254-4	8.072	6.899	103606	130561	91.648	70.952
30)	L6 AR-1254-5	8.499	7.328	885445	1427933	718.045	575.489
31)	L7 AR-1260-1	7.944	6.799	616536	1026647	508.200	479.117
32)	L7 AR-1260-2	8.209	6.996	755142	1255580	504.296	475.160
33)	L7 AR-1260-3	8.573	7.150	580127	1159584	503.214	475.154
34)	L7 AR-1260-4	8.802	7.633	670492	998753	499.246	470.533
35)	L7 AR-1260-5	9.126	7.880	1354787	2354899	476.771	472.364
36)	L8 AR-1262-1	8.573	7.328	580127	1427933	398.391	993.770 #
37)	L8 AR-1262-2	9.126	7.880	1354787	2354899	490.234	510.151
38)	L8 AR-1262-3	9.455	8.167	912147	577251	469.257	289.126 #
39)	L8 AR-1262-4	9.508	8.229	568614	1723155	388.368	491.065 #
40)	L8 AR-1262-5	10.185	8.726	438495	668536	401.641	393.529
41)	L9 AR-1268-1	9.455	8.167	912147	577251	278.749	108.780 #

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 ALS Vial : 3 Sample Multiplier: 1

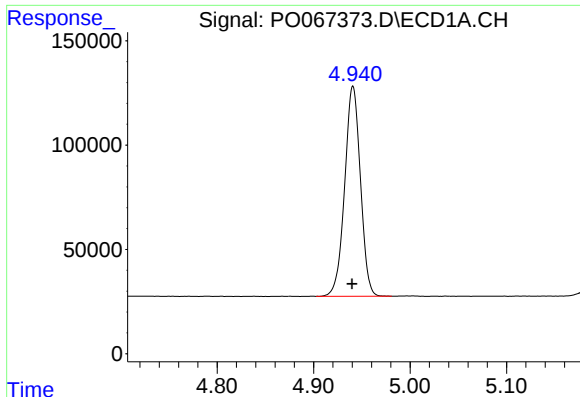
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 22:39:52 2020
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.508	8.229	568614	1723155	186.217	362.278 #
44) L9	AR-1268-4	10.185	8.726	438495	668536	361.281	357.480
45) L9	AR-1268-5	10.594	9.004	126861	182663	14.208	15.127

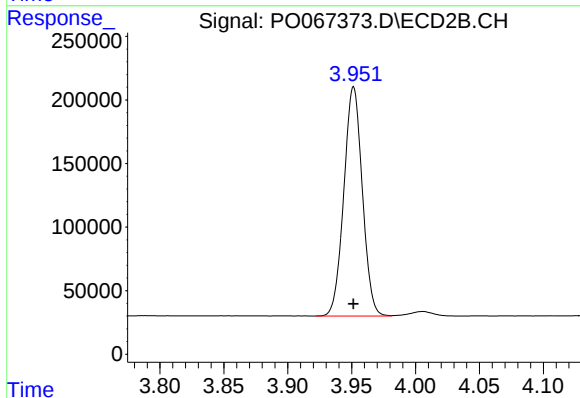
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

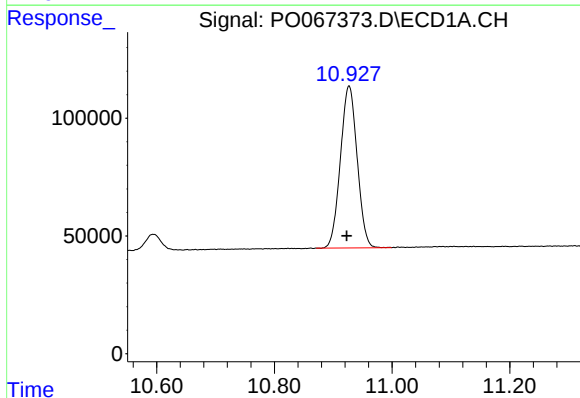
R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 1146960
Conc: 53.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



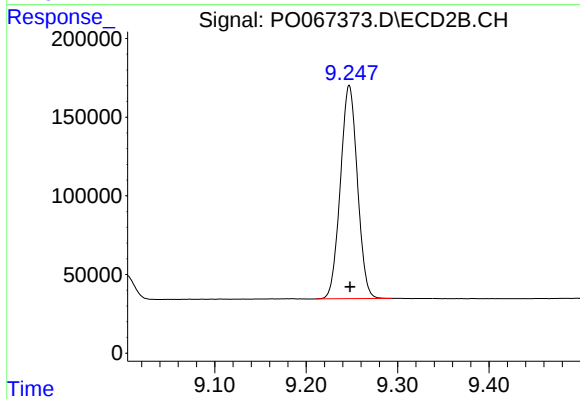
#1 Tetrachloro-m-xylene

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 1816651
Conc: 51.97 ng/ml



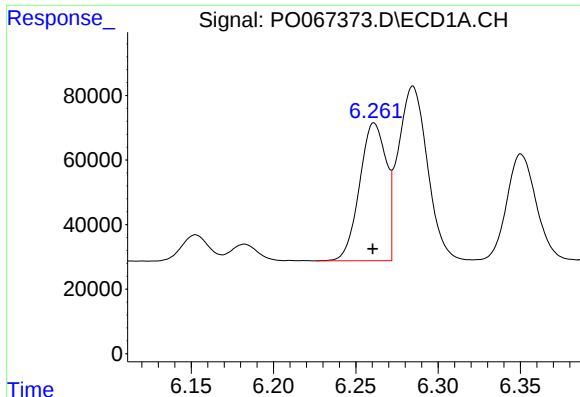
#2 Decachlorobiphenyl

R.T.: 10.927 min
Delta R.T.: 0.004 min
Response: 1358067
Conc: 47.26 ng/ml



#2 Decachlorobiphenyl

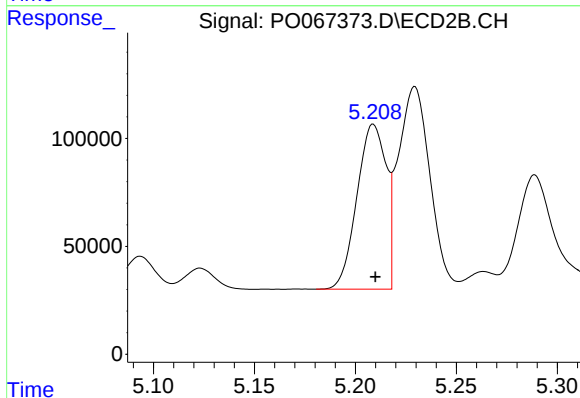
R.T.: 9.247 min
Delta R.T.: -0.001 min
Response: 1752973
Conc: 44.94 ng/ml



#3 AR-1016-1

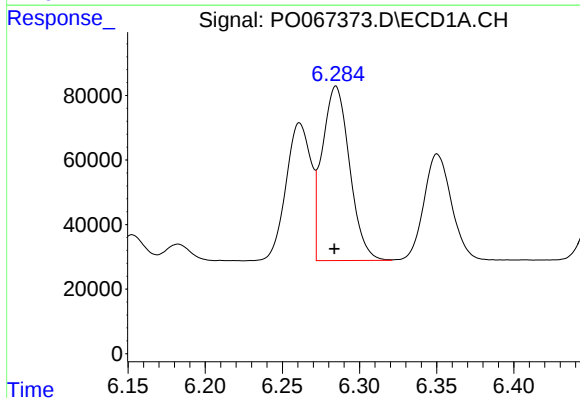
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 480405
Conc: 530.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



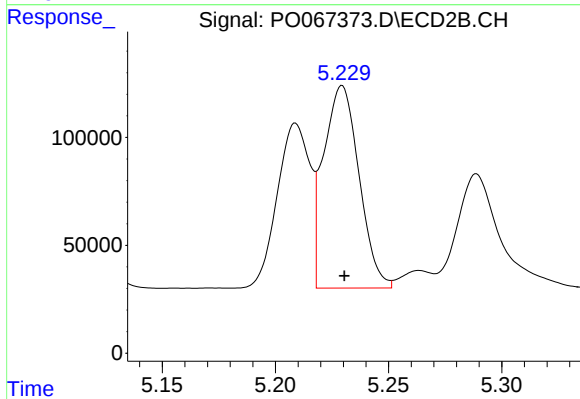
#3 AR-1016-1

R.T.: 5.209 min
Delta R.T.: -0.001 min
Response: 768057
Conc: 502.10 ng/ml



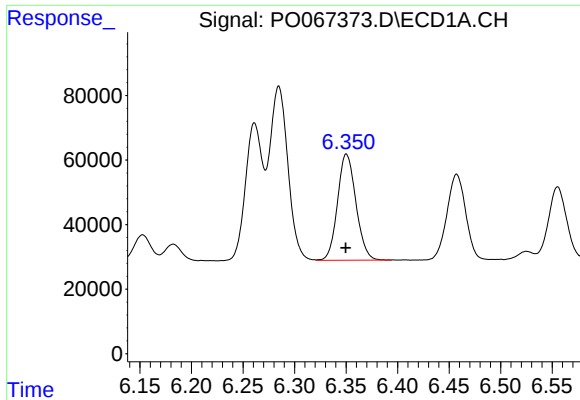
#4 AR-1016-2

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 667047
Conc: 535.38 ng/ml



#4 AR-1016-2

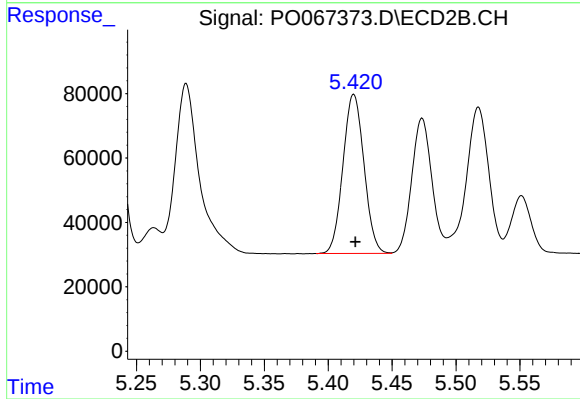
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 1024055
Conc: 507.60 ng/ml



#5 AR-1016-3

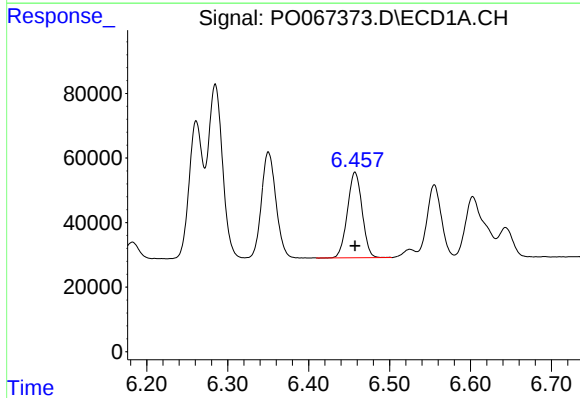
R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 409268
Conc: 522.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



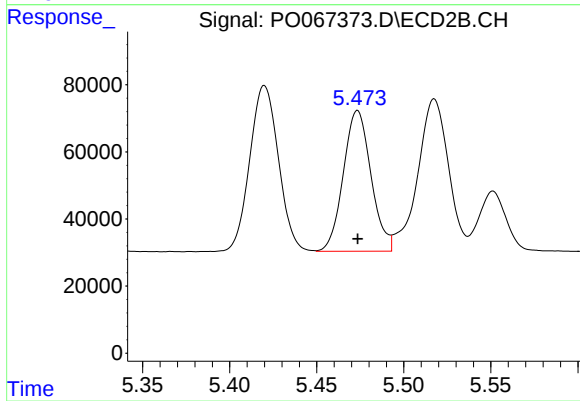
#5 AR-1016-3

R.T.: 5.420 min
Delta R.T.: -0.001 min
Response: 566659
Conc: 507.74 ng/ml



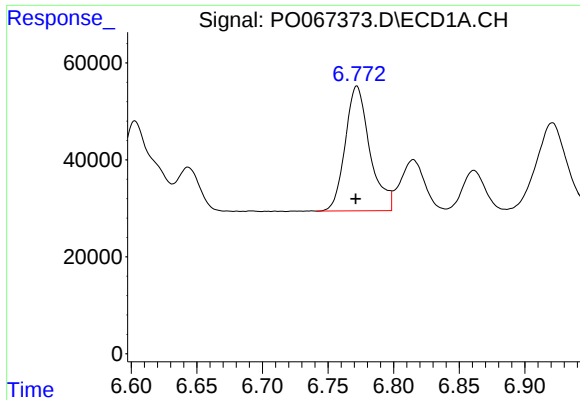
#6 AR-1016-4

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 333240
Conc: 523.92 ng/ml



#6 AR-1016-4

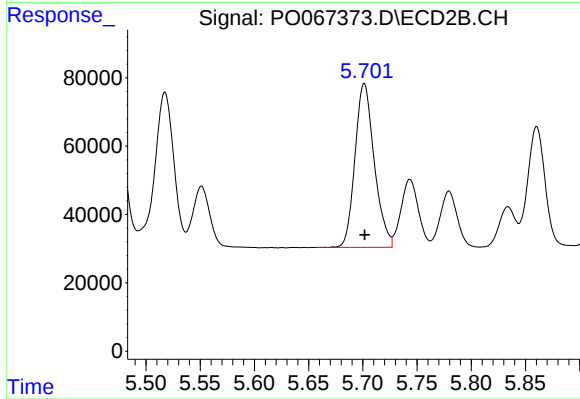
R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 464330
Conc: 499.24 ng/ml



#7 AR-1016-5

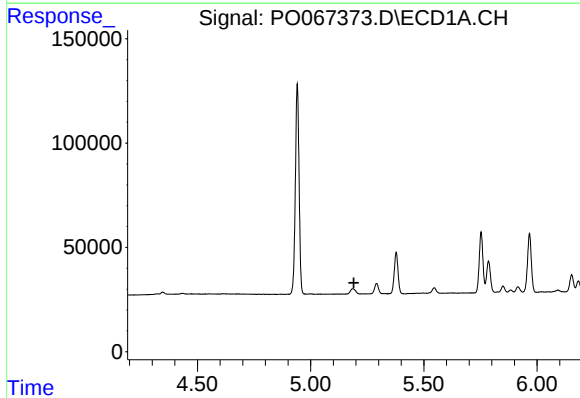
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 336470
Conc: 520.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



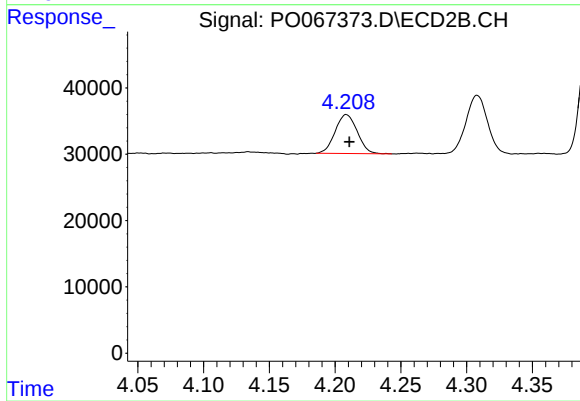
#7 AR-1016-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 592802
Conc: 499.91 ng/ml



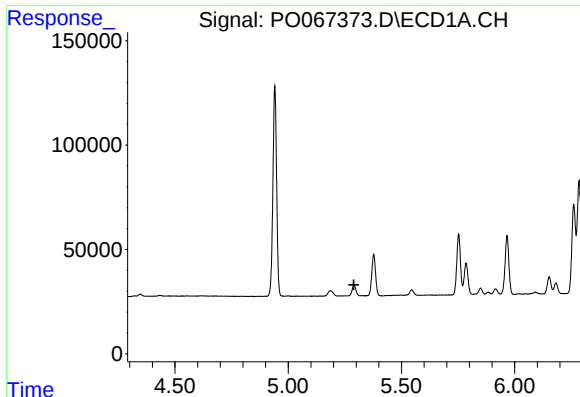
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.191 min
Response: 0
Conc: N.D.



#8 AR-1221-1

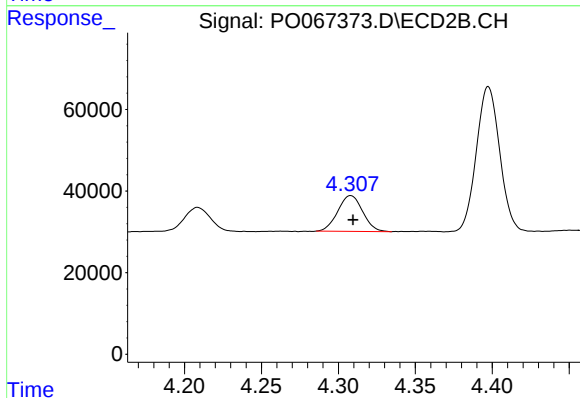
R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 68579
Conc: 162.56 ng/ml



#9 AR-1221-2

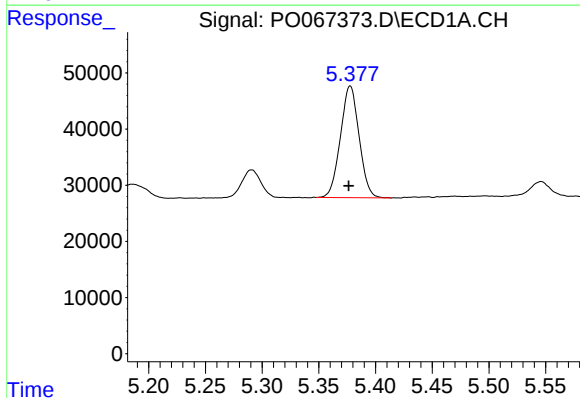
R.T.: 0.000 min
Exp R.T.: 5.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



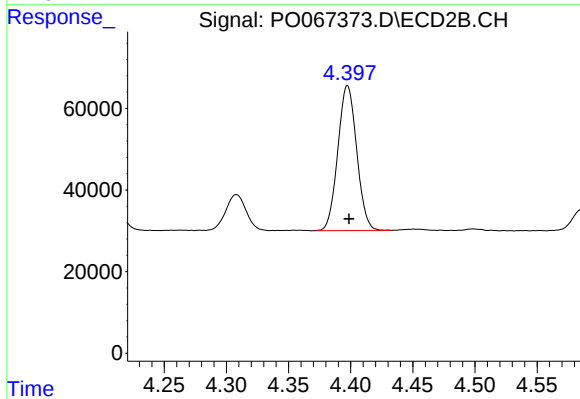
#9 AR-1221-2

R.T.: 4.308 min
Delta R.T.: -0.001 min
Response: 98612
Conc: 308.74 ng/ml



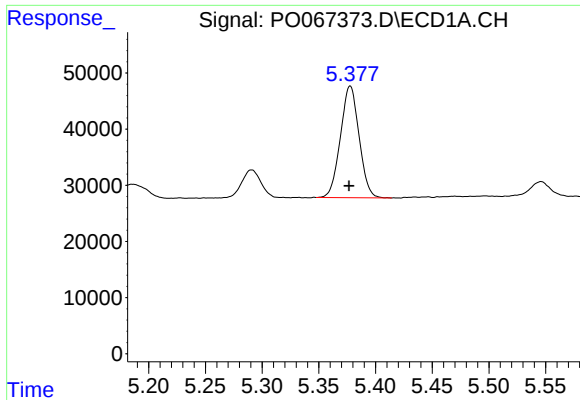
#10 AR-1221-3

R.T.: 5.378 min
Delta R.T.: 0.002 min
Response: 227990
Conc: 390.03 ng/ml



#10 AR-1221-3

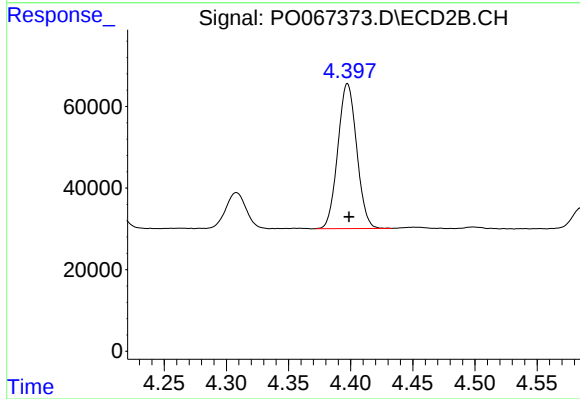
R.T.: 4.398 min
Delta R.T.: -0.001 min
Response: 375151
Conc: 380.56 ng/ml



#11 AR-1232-1

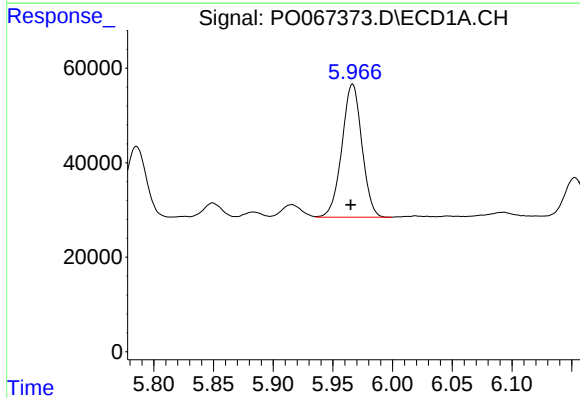
R.T.: 5.378 min
Delta R.T.: 0.001 min
Response: 227990
Conc: 531.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



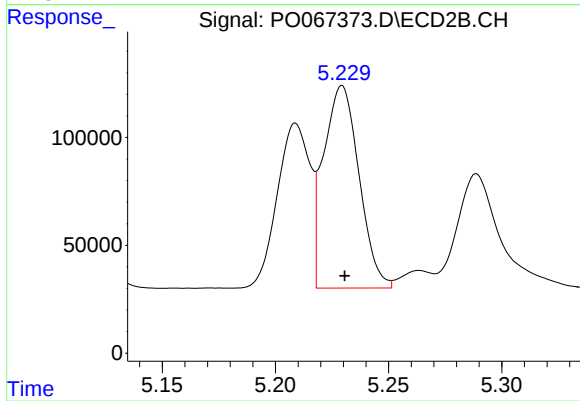
#11 AR-1232-1

R.T.: 4.398 min
Delta R.T.: -0.001 min
Response: 375151
Conc: 518.38 ng/ml



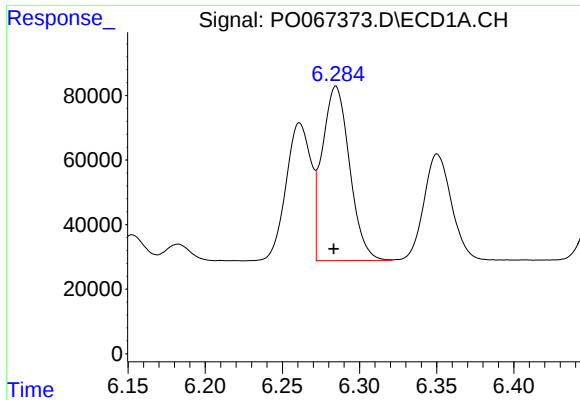
#12 AR-1232-2

R.T.: 5.966 min
Delta R.T.: 0.001 min
Response: 328271
Conc: 1407.86 ng/ml



#12 AR-1232-2

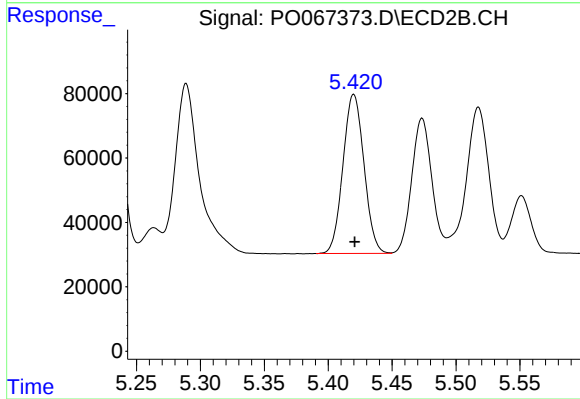
R.T.: 5.229 min
Delta R.T.: -0.001 min
Response: 1024055
Conc: 1395.81 ng/ml



#13 AR-1232-3

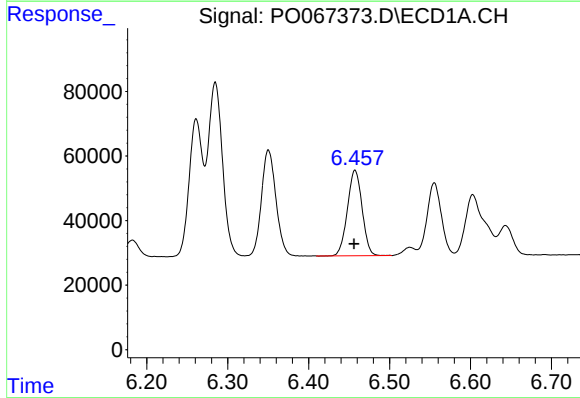
R.T.: 6.285 min
Delta R.T.: 0.001 min
Response: 667047
Conc: 1584.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



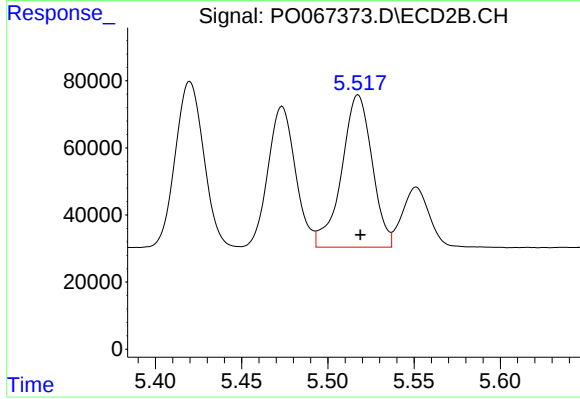
#13 AR-1232-3

R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 566659
Conc: 1450.12 ng/ml



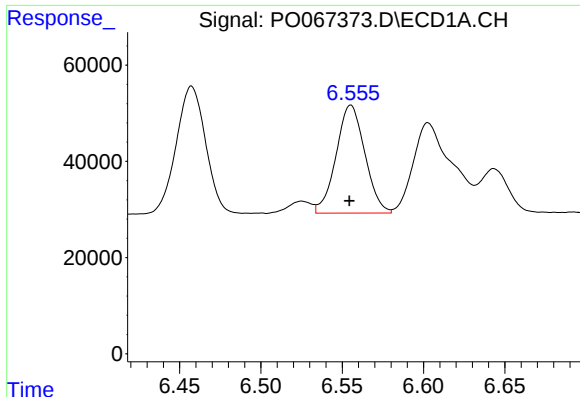
#14 AR-1232-4

R.T.: 6.457 min
Delta R.T.: 0.001 min
Response: 333240
Conc: 1538.30 ng/ml



#14 AR-1232-4

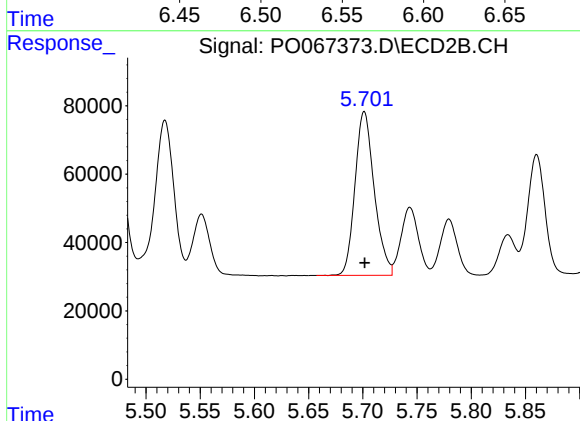
R.T.: 5.518 min
Delta R.T.: -0.001 min
Response: 557648
Conc: 1561.22 ng/ml



#15 AR-1232-5

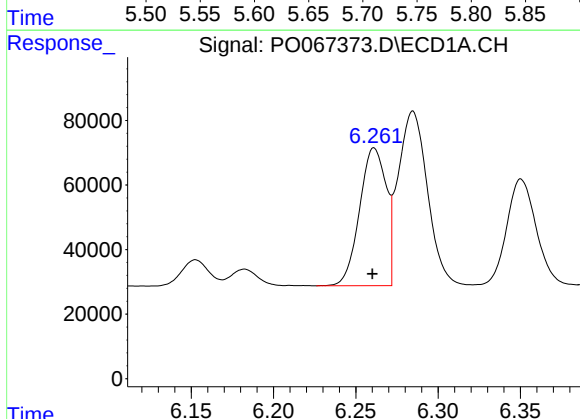
R.T.: 6.555 min
Delta R.T.: 0.001 min
Response: 276517
Conc: 1716.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



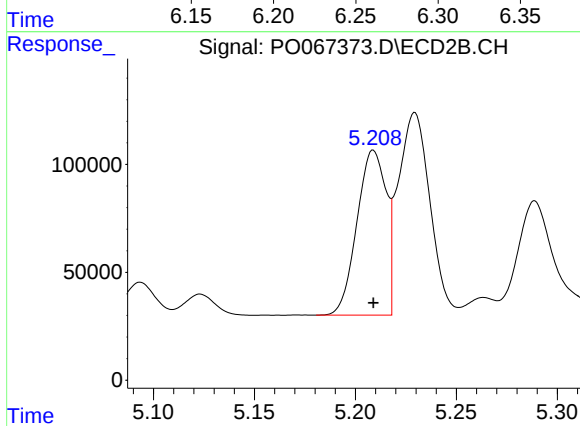
#15 AR-1232-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 592802
Conc: 1508.33 ng/ml



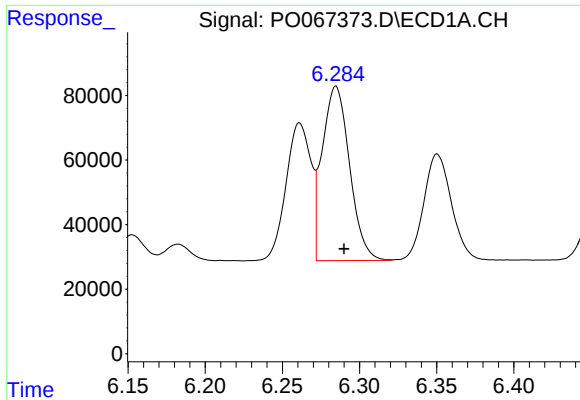
#16 AR-1242-1

R.T.: 6.261 min
Delta R.T.: 0.001 min
Response: 480405
Conc: 703.28 ng/ml



#16 AR-1242-1

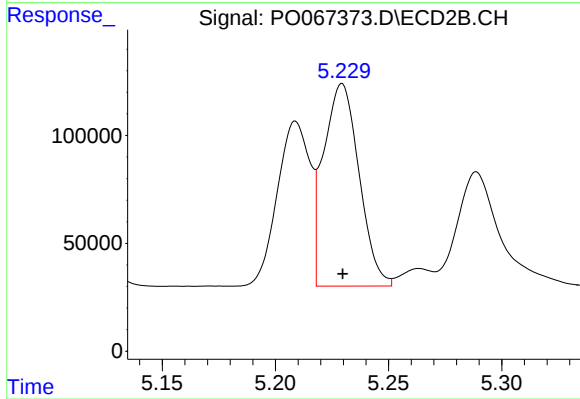
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 768057
Conc: 658.01 ng/ml



#17 AR-1242-2

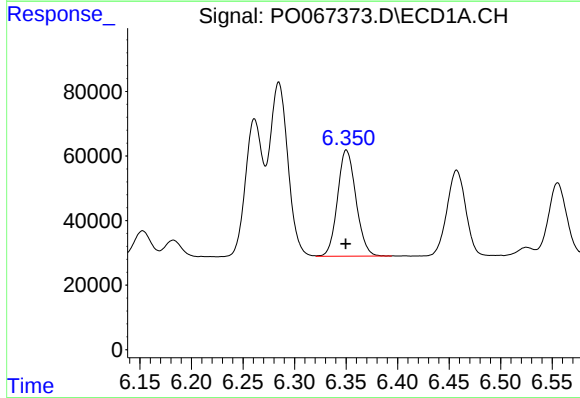
R.T.: 6.285 min
Delta R.T.: -0.005 min
Response: 667047
Conc: 718.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



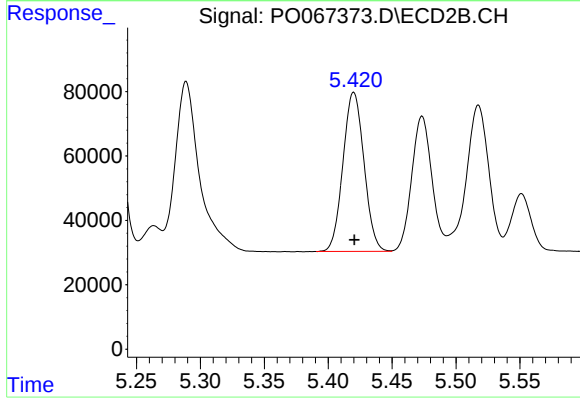
#17 AR-1242-2

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 1024055
Conc: 668.74 ng/ml



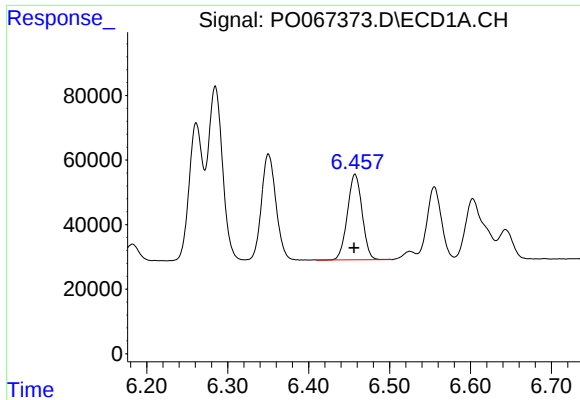
#18 AR-1242-3

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 409268
Conc: 690.74 ng/ml



#18 AR-1242-3

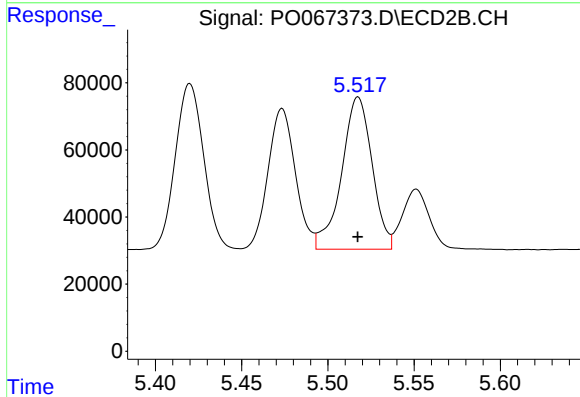
R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 566659
Conc: 671.64 ng/ml



#19 AR-1242-4

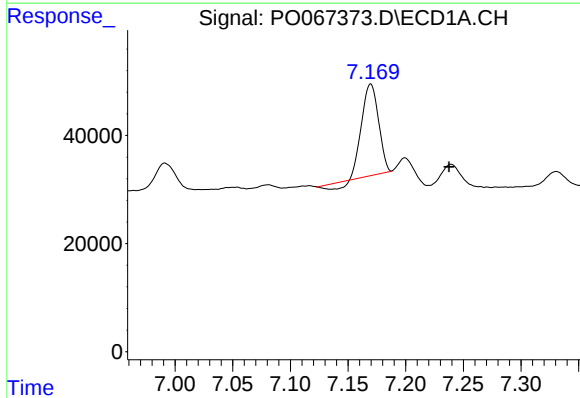
R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 333240
Conc: 697.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



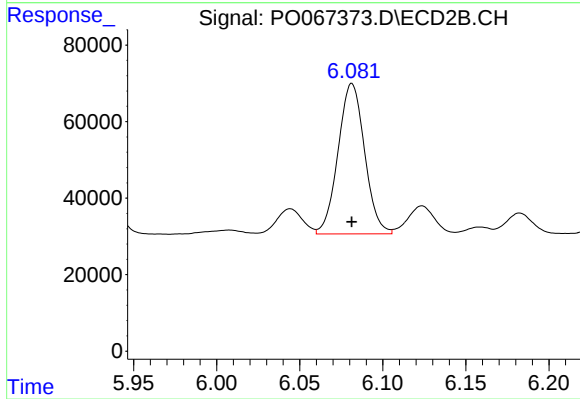
#19 AR-1242-4

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 557648
Conc: 659.52 ng/ml



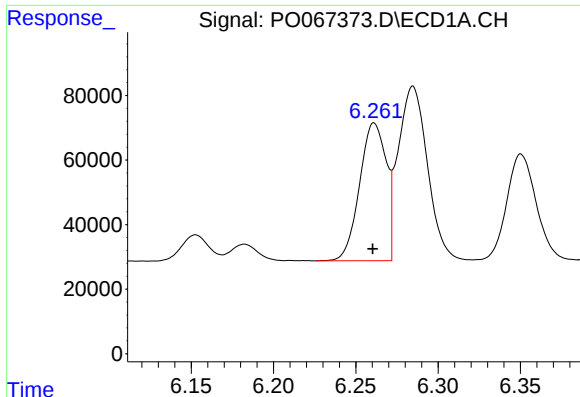
#20 AR-1242-5

R.T.: 7.170 min
Delta R.T.: -0.068 min
Response: 163745
Conc: 300.72 ng/ml



#20 AR-1242-5

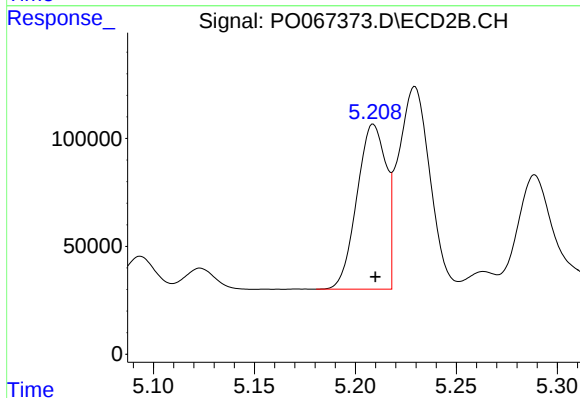
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 437198
Conc: 408.83 ng/ml



#21 AR-1248-1

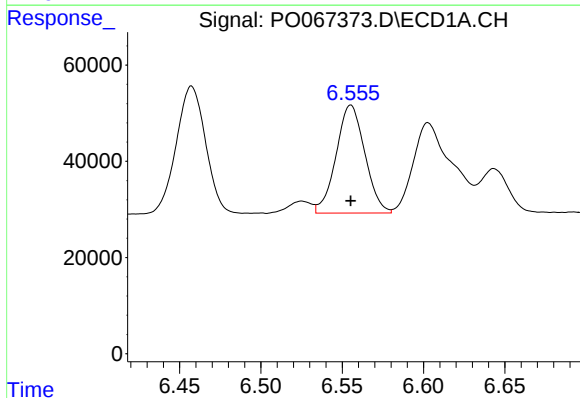
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 480405
Conc: 1063.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



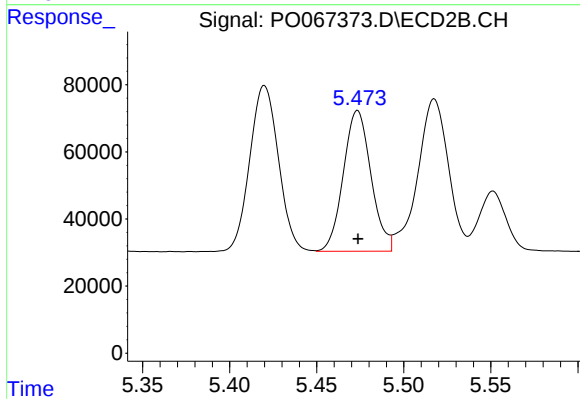
#21 AR-1248-1

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 768057
Conc: 968.94 ng/ml



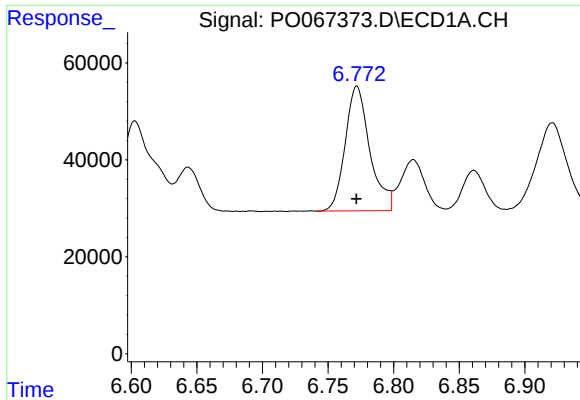
#22 AR-1248-2

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 276517
Conc: 458.66 ng/ml



#22 AR-1248-2

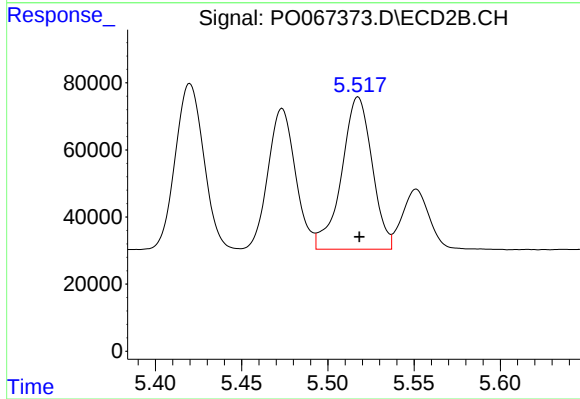
R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 464330
Conc: 450.04 ng/ml



#23 AR-1248-3

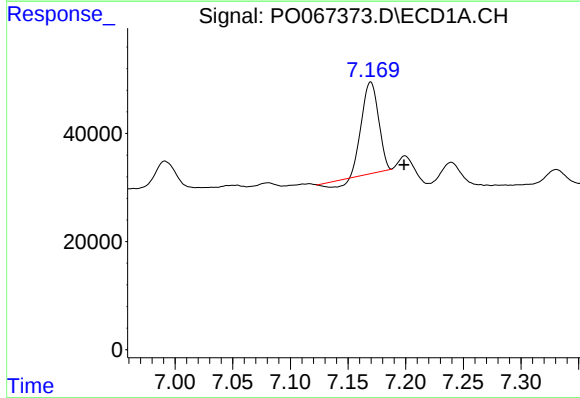
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 336470
Conc: 476.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



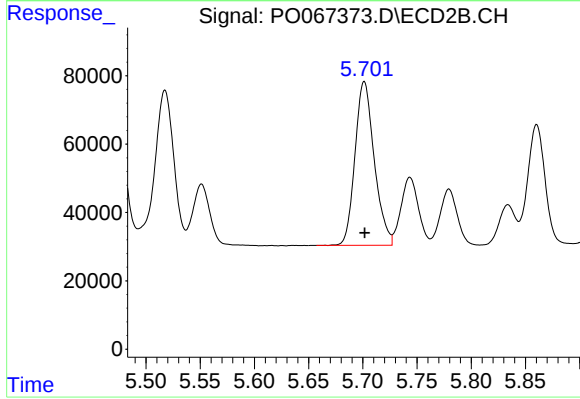
#23 AR-1248-3

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 557648
Conc: 529.84 ng/ml



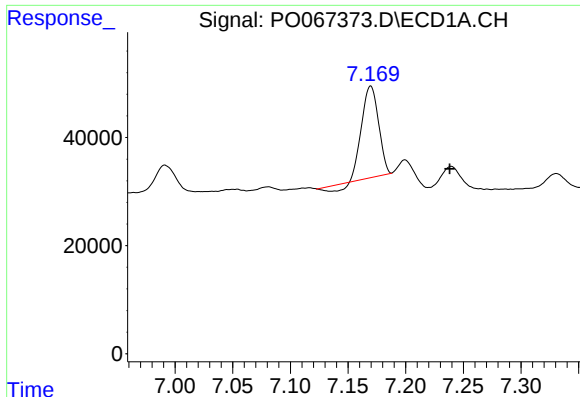
#24 AR-1248-4

R.T.: 7.170 min
Delta R.T.: -0.029 min
Response: 163745
Conc: 197.16 ng/ml



#24 AR-1248-4

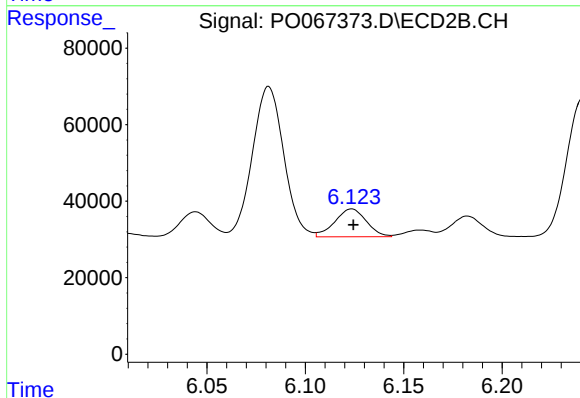
R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 592802
Conc: 468.74 ng/ml



#25 AR-1248-5

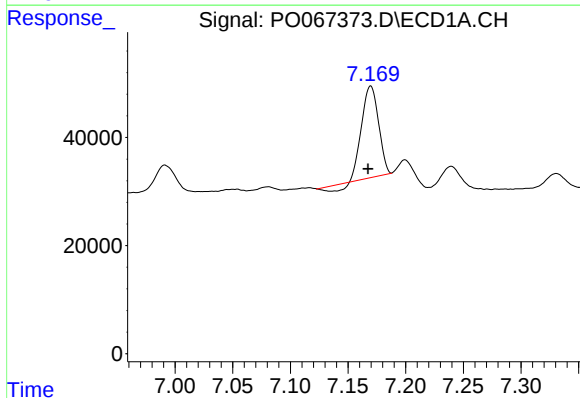
R.T.: 7.170 min
Delta R.T.: -0.069 min
Response: 163745
Conc: 206.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



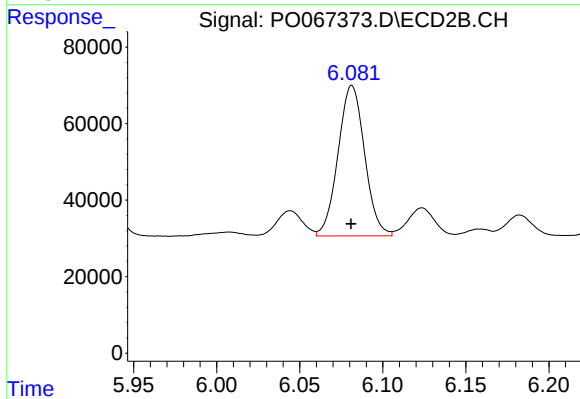
#25 AR-1248-5

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 81464
Conc: 64.94 ng/ml



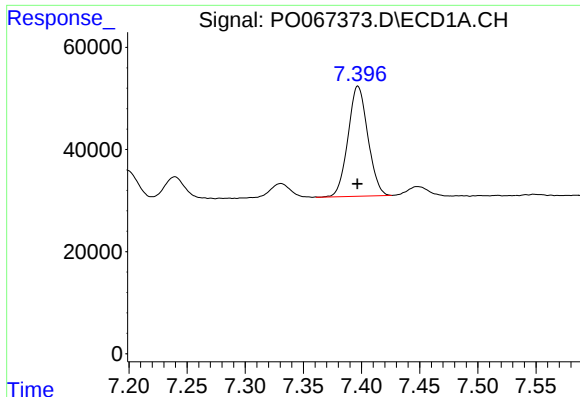
#26 AR-1254-1

R.T.: 7.170 min
Delta R.T.: 0.002 min
Response: 163745
Conc: 194.64 ng/ml



#26 AR-1254-1

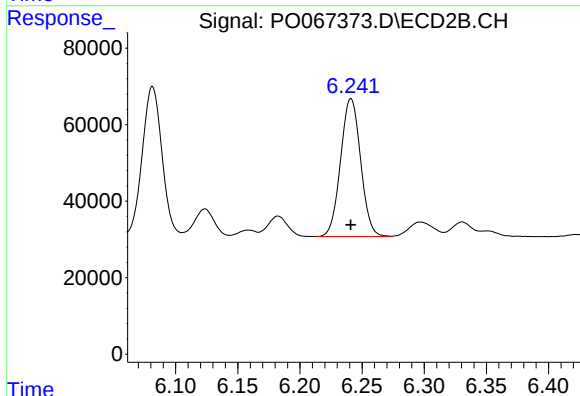
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 437198
Conc: 224.54 ng/ml



#27 AR-1254-2

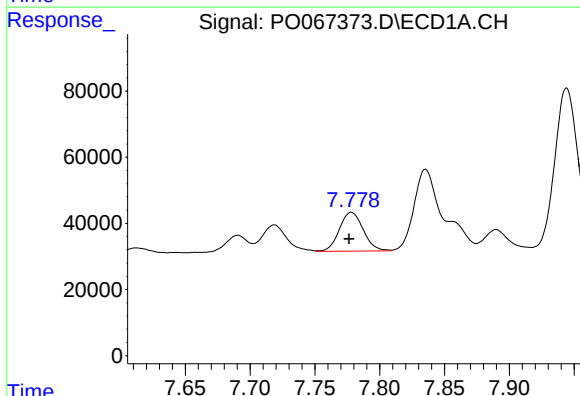
R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 255825
Conc: 190.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



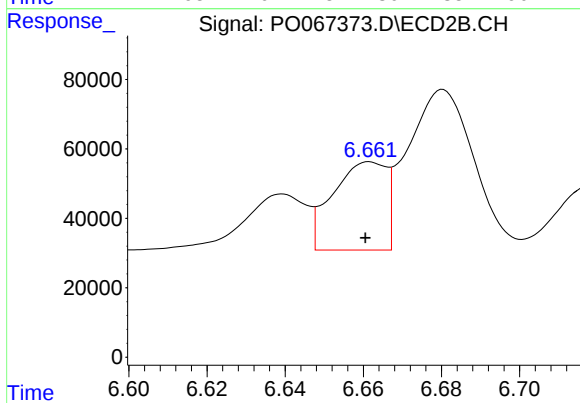
#27 AR-1254-2

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 404316
Conc: 234.57 ng/ml



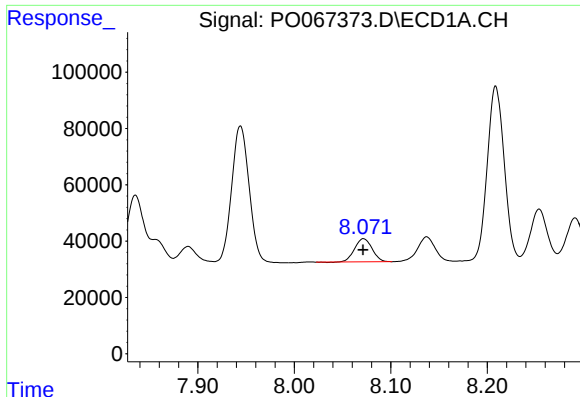
#28 AR-1254-3

R.T.: 7.778 min
Delta R.T.: 0.002 min
Response: 151000
Conc: 104.20 ng/ml



#28 AR-1254-3

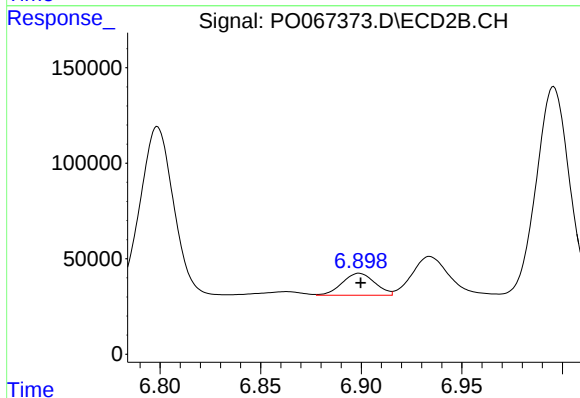
R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 241927
Conc: 86.26 ng/ml



#29 AR-1254-4

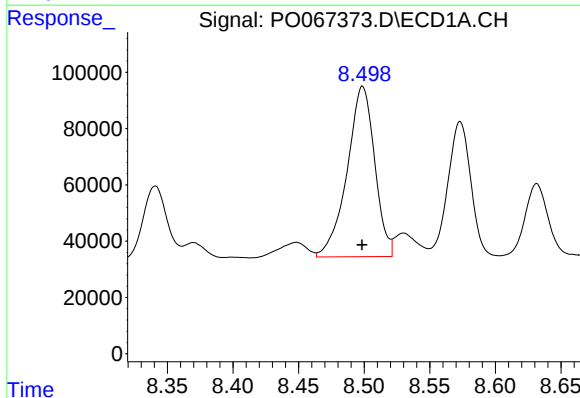
R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 103606
Conc: 91.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



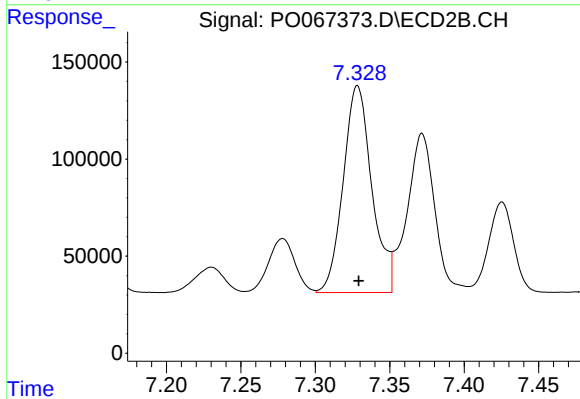
#29 AR-1254-4

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 130561
Conc: 70.95 ng/ml



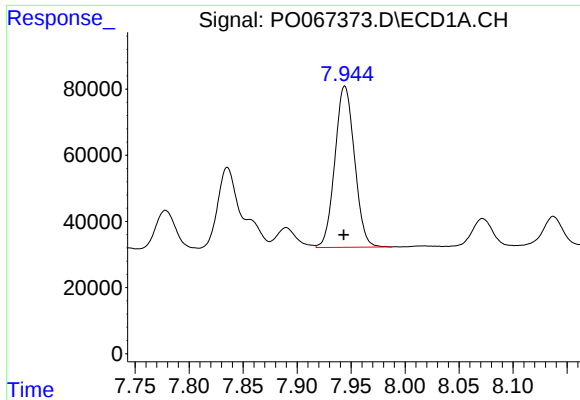
#30 AR-1254-5

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 885445
Conc: 718.05 ng/ml



#30 AR-1254-5

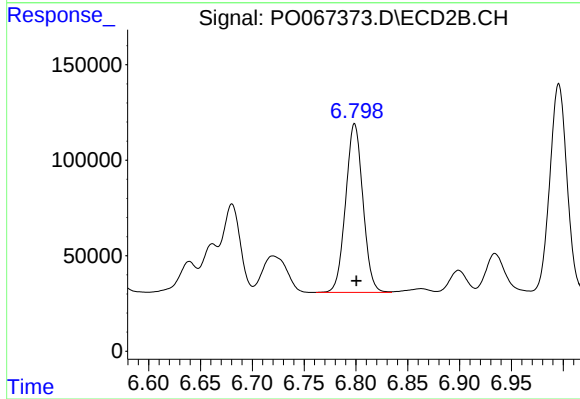
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 1427933
Conc: 575.49 ng/ml



#31 AR-1260-1

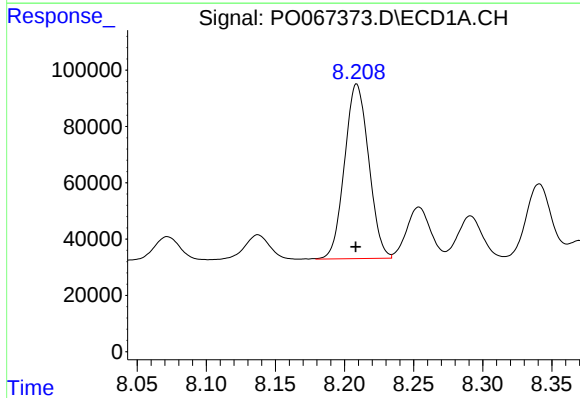
R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 616536
Conc: 508.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



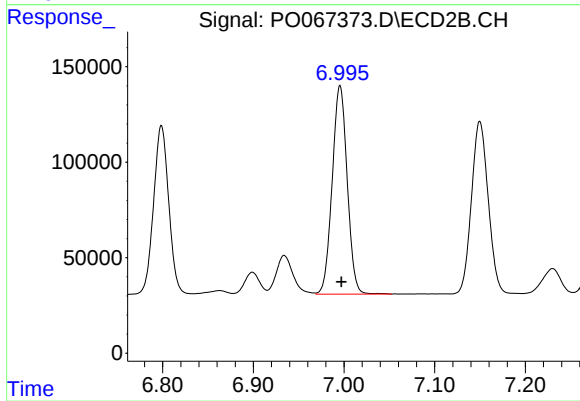
#31 AR-1260-1

R.T.: 6.799 min
Delta R.T.: -0.002 min
Response: 1026647
Conc: 479.12 ng/ml



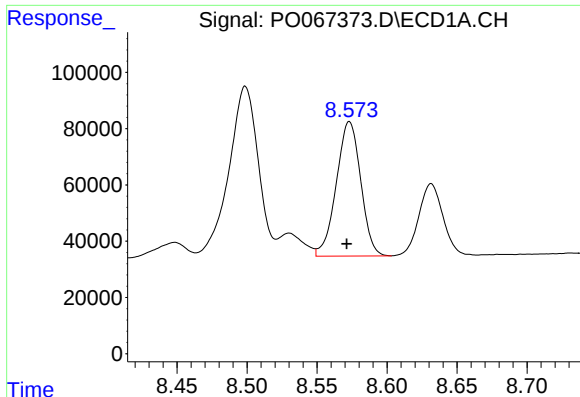
#32 AR-1260-2

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 755142
Conc: 504.30 ng/ml



#32 AR-1260-2

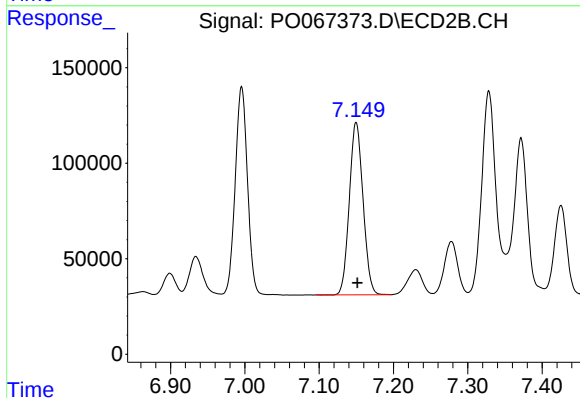
R.T.: 6.996 min
Delta R.T.: -0.002 min
Response: 1255580
Conc: 475.16 ng/ml



#33 AR-1260-3

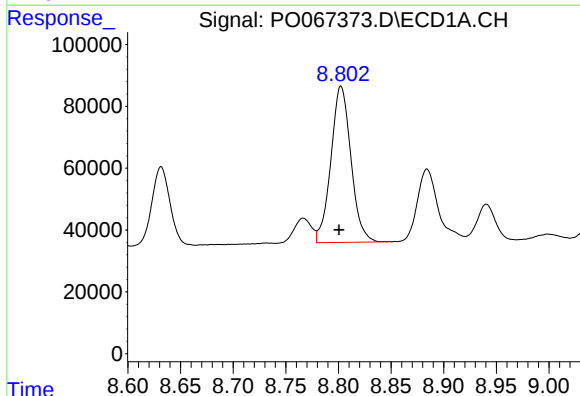
R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 580127
Conc: 503.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



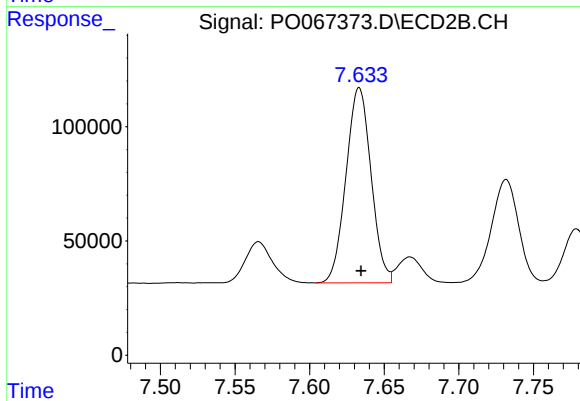
#33 AR-1260-3

R.T.: 7.150 min
Delta R.T.: -0.002 min
Response: 1159584
Conc: 475.15 ng/ml



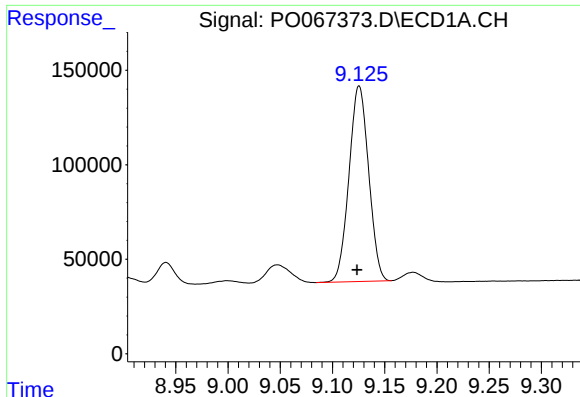
#34 AR-1260-4

R.T.: 8.802 min
Delta R.T.: 0.002 min
Response: 670492
Conc: 499.25 ng/ml



#34 AR-1260-4

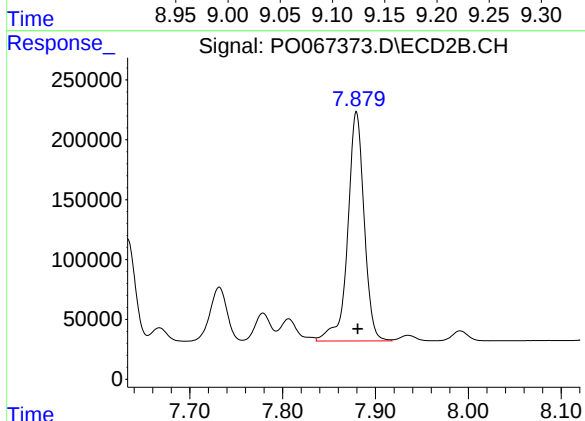
R.T.: 7.633 min
Delta R.T.: -0.001 min
Response: 998753
Conc: 470.53 ng/ml



#35 AR-1260-5

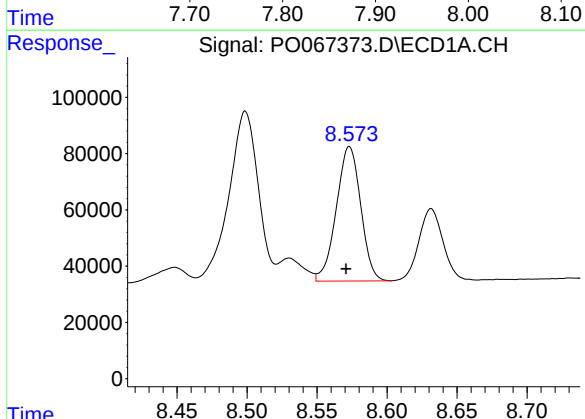
R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 1354787
Conc: 476.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



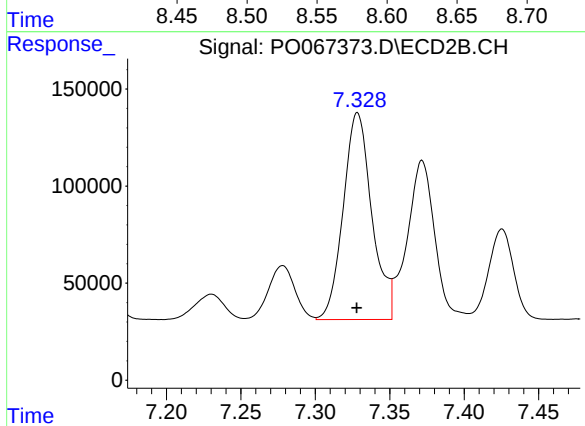
#35 AR-1260-5

R.T.: 7.880 min
Delta R.T.: -0.001 min
Response: 2354899
Conc: 472.36 ng/ml



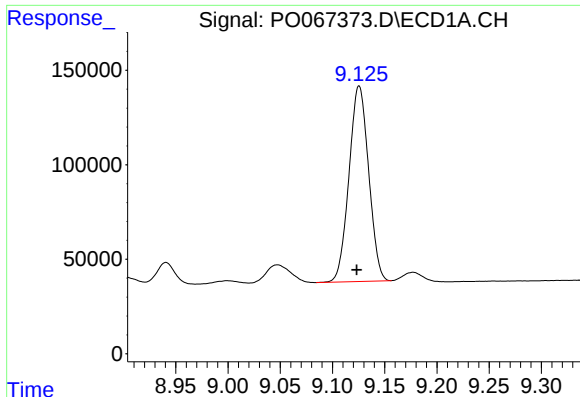
#36 AR-1262-1

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 580127
Conc: 398.39 ng/ml



#36 AR-1262-1

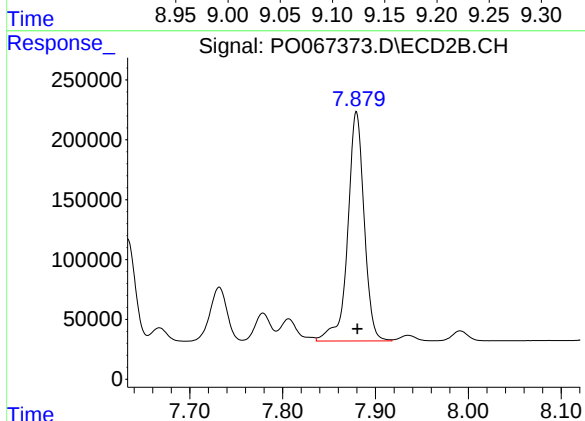
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 1427933
Conc: 993.77 ng/ml



#37 AR-1262-2

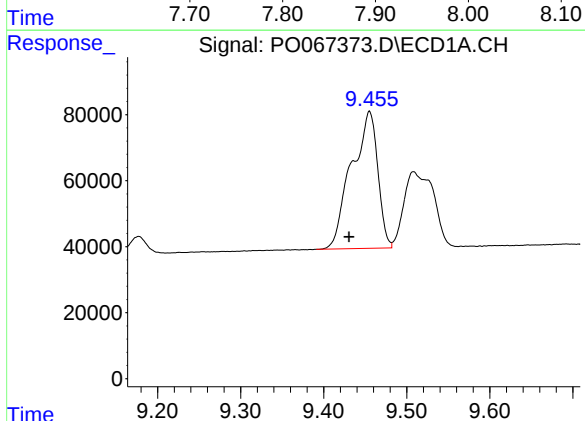
R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 1354787
Conc: 490.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



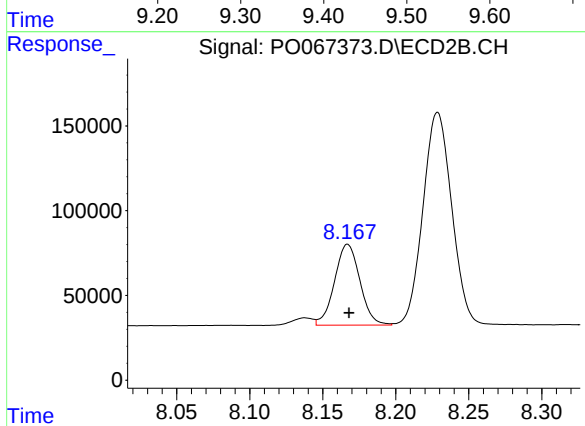
#37 AR-1262-2

R.T.: 7.880 min
Delta R.T.: 0.000 min
Response: 2354899
Conc: 510.15 ng/ml



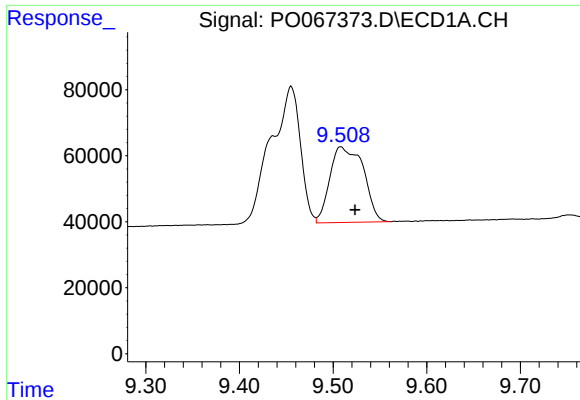
#38 AR-1262-3

R.T.: 9.455 min
Delta R.T.: 0.024 min
Response: 912147
Conc: 469.26 ng/ml



#38 AR-1262-3

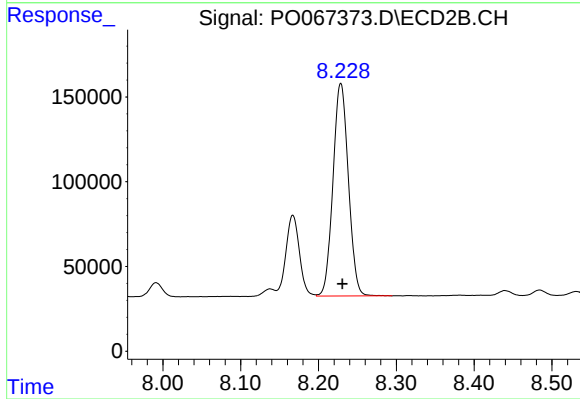
R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 577251
Conc: 289.13 ng/ml



#39 AR-1262-4

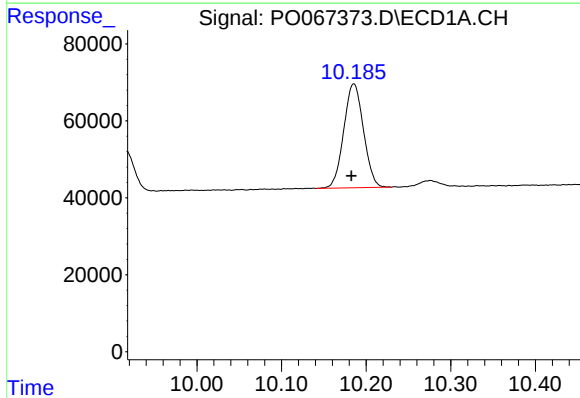
R.T.: 9.508 min
Delta R.T.: -0.015 min
Response: 568614
Conc: 388.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



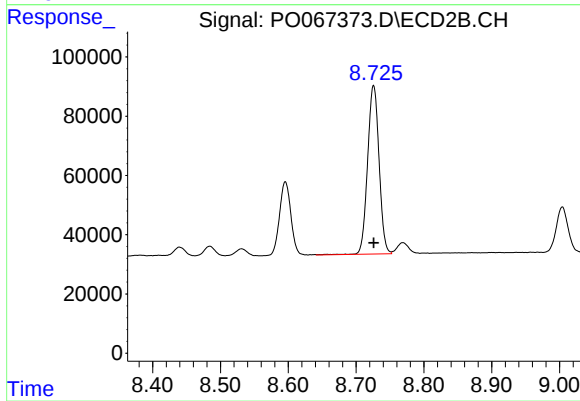
#39 AR-1262-4

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 1723155
Conc: 491.06 ng/ml



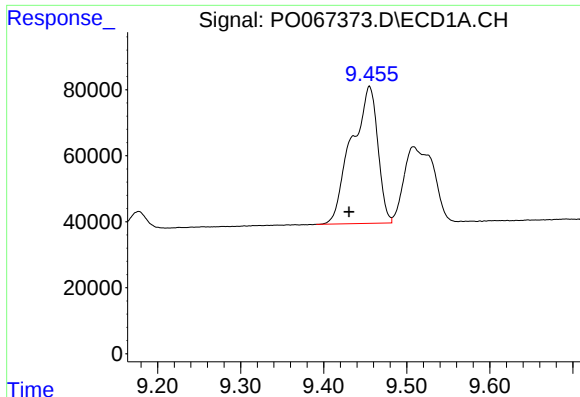
#40 AR-1262-5

R.T.: 10.185 min
Delta R.T.: 0.003 min
Response: 438495
Conc: 401.64 ng/ml



#40 AR-1262-5

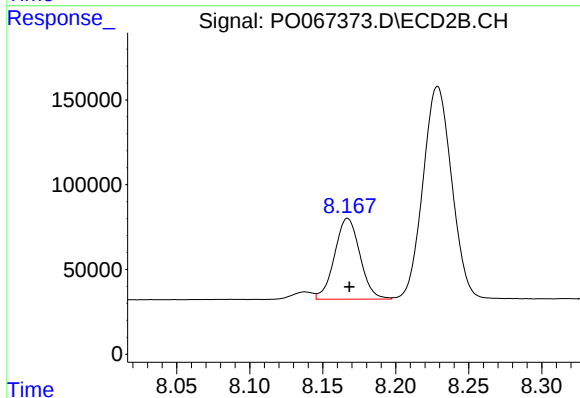
R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 668536
Conc: 393.53 ng/ml



#41 AR-1268-1

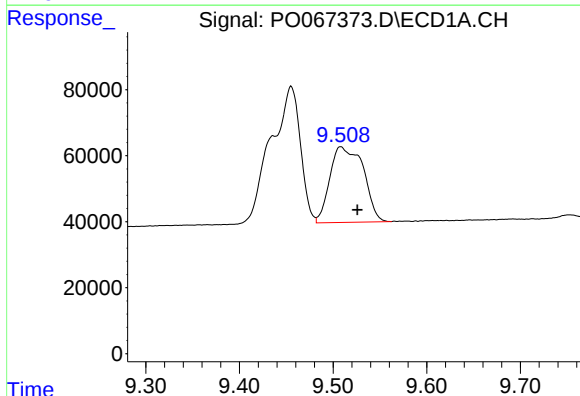
R.T.: 9.455 min
Delta R.T.: 0.025 min
Response: 912147
Conc: 278.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



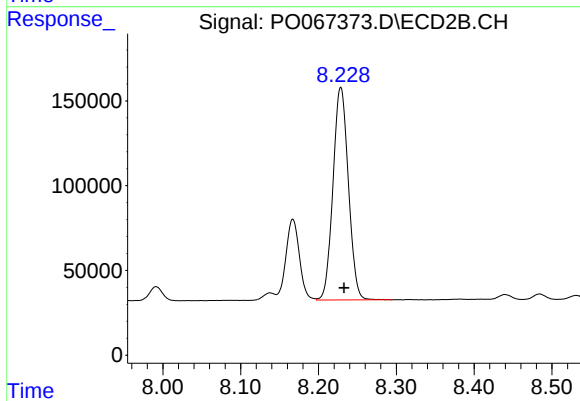
#41 AR-1268-1

R.T.: 8.167 min
Delta R.T.: -0.001 min
Response: 577251
Conc: 108.78 ng/ml



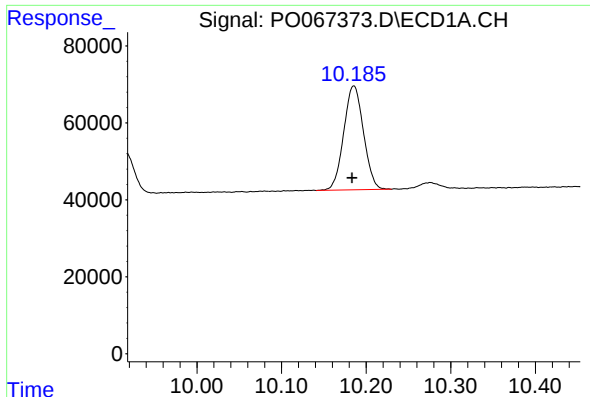
#42 AR-1268-2

R.T.: 9.508 min
Delta R.T.: -0.018 min
Response: 568614
Conc: 186.22 ng/ml



#42 AR-1268-2

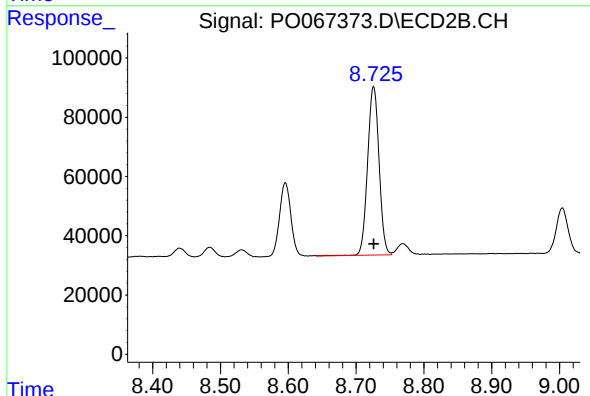
R.T.: 8.229 min
Delta R.T.: -0.004 min
Response: 1723155
Conc: 362.28 ng/ml



#44 AR-1268-4

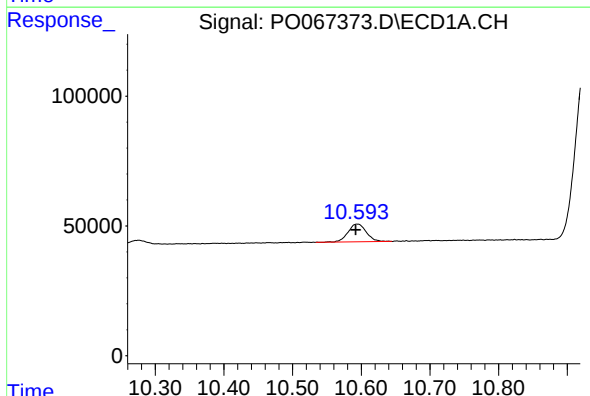
R.T.: 10.185 min
Delta R.T.: 0.002 min
Response: 438495
Conc: 361.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



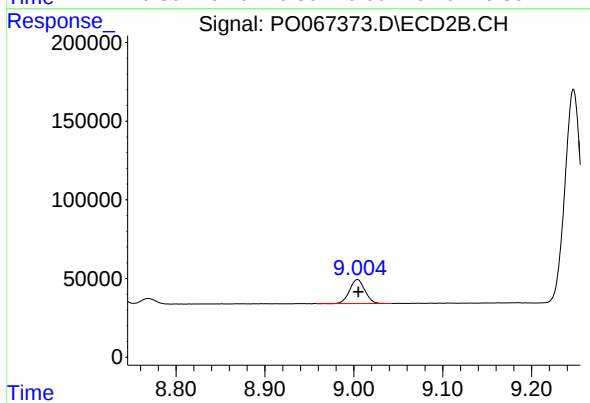
#44 AR-1268-4

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 668536
Conc: 357.48 ng/ml



#45 AR-1268-5

R.T.: 10.594 min
Delta R.T.: 0.002 min
Response: 126861
Conc: 14.21 ng/ml



#45 AR-1268-5

R.T.: 9.004 min
Delta R.T.: -0.001 min
Response: 182663
Conc: 15.13 ng/ml