

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122419\
 Data File : PR044168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Dec 2019 15:17
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660395

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 03:40:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.699	3.953	103.5E6	259.4E6	25.900	23.506
2)	SA Decachlor...	10.596	9.038	208.6E6	427.9E6	43.724	42.416
Target Compounds							
3)	L1 AR-1016-1	5.875	5.045	76950523	154.4E6	484.293	447.372
4)	L1 AR-1016-2	5.898	5.065	111.3E6	208.5E6	489.782	433.390
5)	L1 AR-1016-3	5.961	5.243	65752948	102.1E6	488.917	468.705
6)	L1 AR-1016-4	6.061	5.283	54548696	76410244	483.028	423.236
7)	L1 AR-1016-5	6.354	5.499	54476605	108.7E6	482.204	460.222
8)	L2 AR-1221-1	0.000	4.120f	0	319180	N.D.	2.796 #
9)	L2 AR-1221-2	4.995	4.327f	4684867	19016786	172.996	233.088 #
10)	L2 AR-1221-3	5.073	4.327	32106744	19016786	327.360	68.159 #
11)	L3 AR-1232-1	5.073	4.327	32106744	19016786	400.704	82.412 #
12)	L3 AR-1232-2	5.607	5.096	51133706	11126861	1157.539	51.104 #
13)	L3 AR-1232-3	5.898	5.243	111.3E6	102.1E6	1166.305	1077.306
14)	L3 AR-1232-4	6.061	5.357	54548696	30871337	1165.434	356.523 #
15)	L3 AR-1232-5	6.148	5.499	47918812	108.7E6	1399.602	1105.833
16)	L4 AR-1242-1	5.898	5.065	111.3E6	208.5E6	879.867	724.585
17)	L4 AR-1242-2	5.898	5.096	111.3E6	11126861	614.359	28.138 #
18)	L4 AR-1242-3	5.961	5.243	65752948	102.1E6	605.635	537.414
19)	L4 AR-1242-4	6.061	5.357	54548696	30871337	604.195	168.855 #
20)	L4 AR-1242-5	6.798	5.851	8916236	103.9E6	81.160	350.414 #
21)	L5 AR-1248-1	5.875	5.045	76950523	154.4E6	768.388	670.960
22)	L5 AR-1248-2	6.148	5.283	47918812	76410244	349.518	292.025
23)	L5 AR-1248-3	6.354	5.325	54476605	92569009	344.601	349.648
24)	L5 AR-1248-4	6.798	5.499	8916236	108.7E6	45.918	326.768 #
25)	L5 AR-1248-5	6.798	5.893	8916236	30015763	48.622	73.426 #
26)	L6 AR-1254-1	6.731	5.851	51918204	103.9E6	271.670	172.630 #
27)	L6 AR-1254-2	6.947	5.998	41900491	108.4E6	137.437	199.692 #
28)	L6 AR-1254-3	7.318	6.418	26440187	209.1E6	76.672	219.365 #
29)	L6 AR-1254-4	7.603	6.632	21592093	28342930	82.419	42.732 #
30)	L6 AR-1254-5	8.021	7.050	166.9E6	333.7E6	589.023	383.482 #
31)	L7 AR-1260-1	7.479	6.534	104.1E6	232.3E6	450.482	425.108
32)	L7 AR-1260-2	7.734	6.721	129.0E6	347.2E6	452.166	432.642
33)	L7 AR-1260-3	8.095	6.876	96905896	280.0E6	431.573	419.213
34)	L7 AR-1260-4	8.333	7.349	112.3E6	245.7E6	433.537	437.695
35)	L7 AR-1260-5	8.669	7.589	233.9E6	711.9E6	418.806	422.892
36)	L8 AR-1262-1	8.154	7.088	50135599	320.2E6	348.554	647.367 #
37)	L8 AR-1262-2	8.669	7.589	233.9E6	711.9E6	329.508	327.391
38)	L8 AR-1262-3	9.020	7.873	145.7E6	154.0E6	316.328	178.244 #
39)	L8 AR-1262-4	9.077f	7.938	90839784	453.6E6	266.400	318.986
40)	L8 AR-1262-5	9.795	8.451	52846318	158.0E6	220.121	247.141
41)	L9 AR-1268-1	9.020	7.873	145.7E6	154.0E6	180.950	62.964 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122419\
 Data File : PR044168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Dec 2019 15:17
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

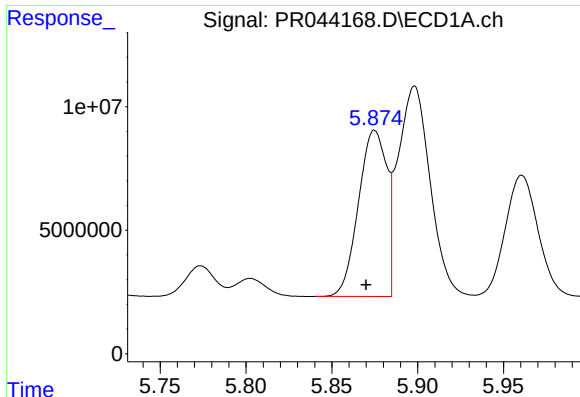
Instrument :
 ECD_R
 ClientSampleId :
 AR1660395

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 03:40:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.077f	7.938	90839784	453.6E6	123.288	216.847 #
43) L9	AR-1268-3	9.338	8.148	3398497	8952954	5.523	4.972
44) L9	AR-1268-4	9.795	8.451	52846318	158.0E6	199.756	224.215
45) L9	AR-1268-5	10.236	8.764	18038061	37706011	8.746	7.726

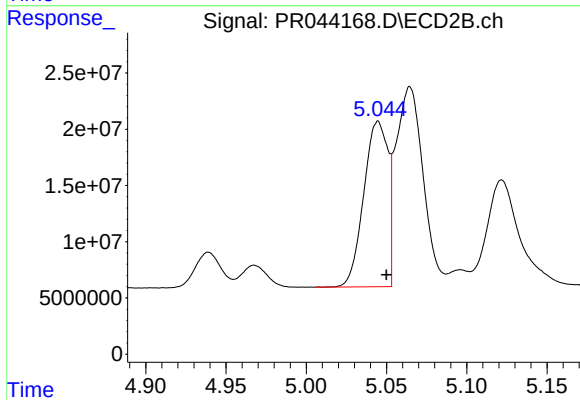
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

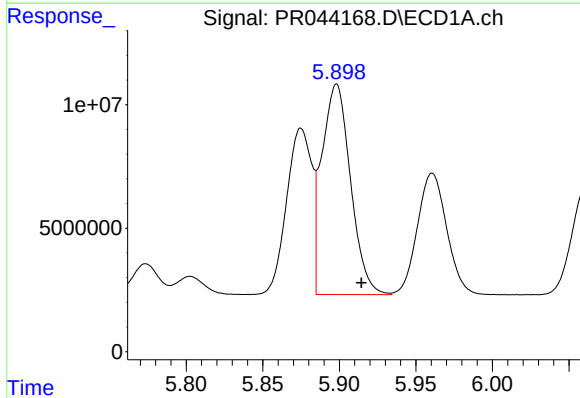
R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 76950523
Conc: 484.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



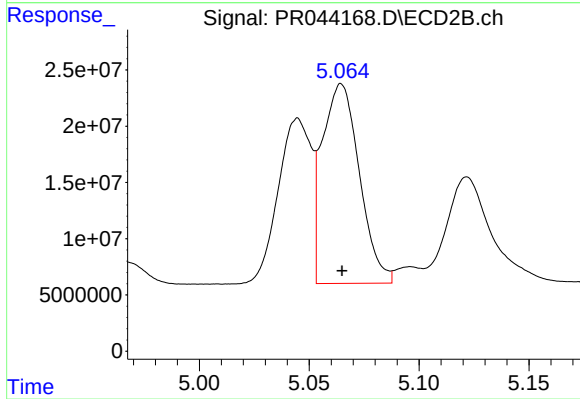
#3 AR-1016-1

R.T.: 5.045 min
Delta R.T.: -0.005 min
Response: 154376995
Conc: 447.37 ng/ml



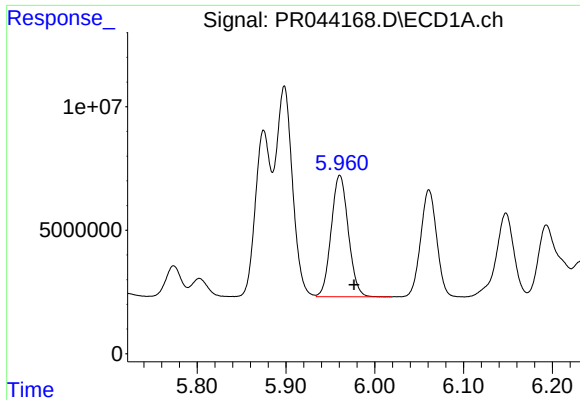
#4 AR-1016-2

R.T.: 5.898 min
Delta R.T.: -0.017 min
Response: 111324198
Conc: 489.78 ng/ml



#4 AR-1016-2

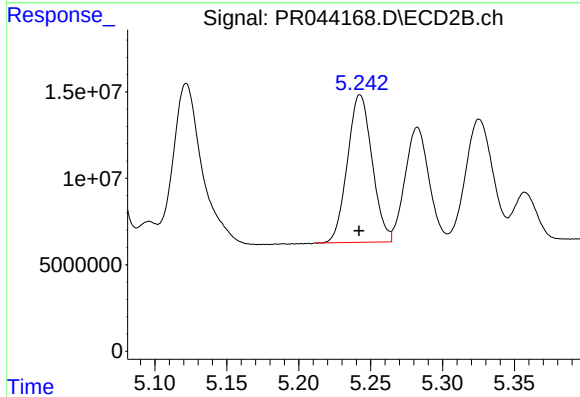
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 208461827
Conc: 433.39 ng/ml



#5 AR-1016-3

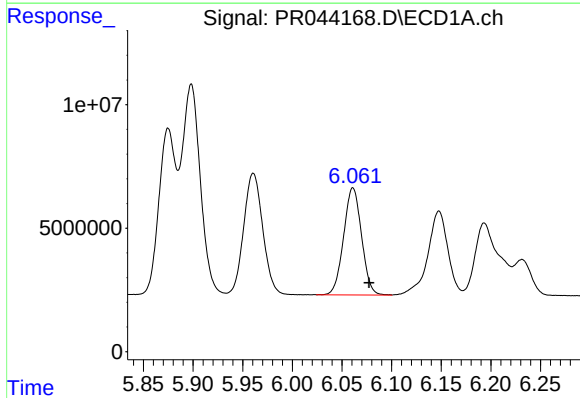
R.T.: 5.961 min
Delta R.T.: -0.016 min
Response: 65752948
Conc: 488.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



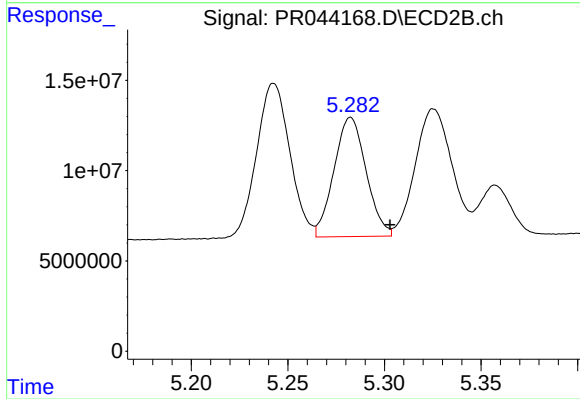
#5 AR-1016-3

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 102140545
Conc: 468.70 ng/ml



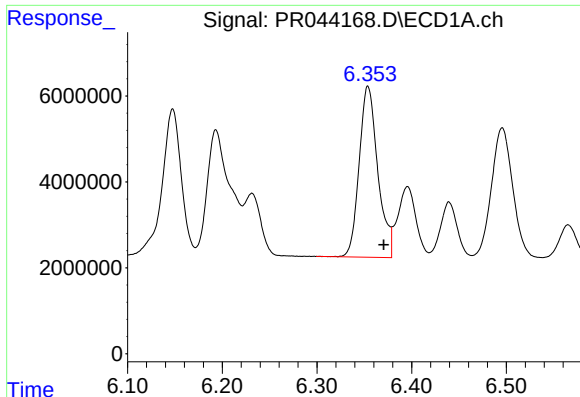
#6 AR-1016-4

R.T.: 6.061 min
Delta R.T.: -0.016 min
Response: 54548696
Conc: 483.03 ng/ml



#6 AR-1016-4

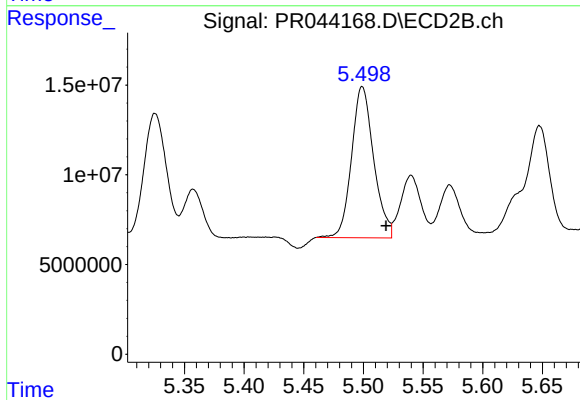
R.T.: 5.283 min
Delta R.T.: -0.020 min
Response: 76410244
Conc: 423.24 ng/ml



#7 AR-1016-5

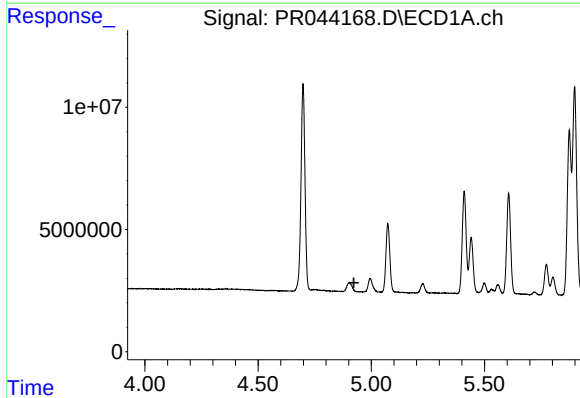
R.T.: 6.354 min
Delta R.T.: -0.017 min
Response: 54476605
Conc: 482.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



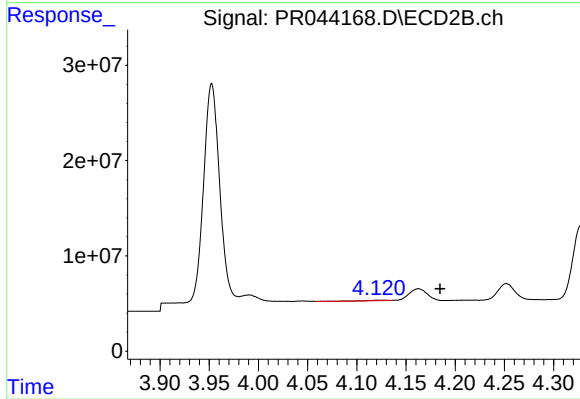
#7 AR-1016-5

R.T.: 5.499 min
Delta R.T.: -0.020 min
Response: 108738795
Conc: 460.22 ng/ml



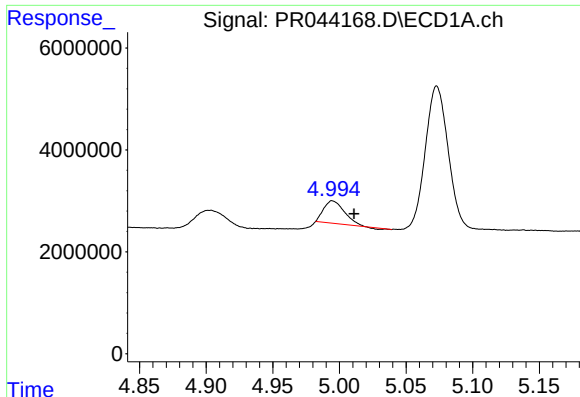
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#8 AR-1221-1

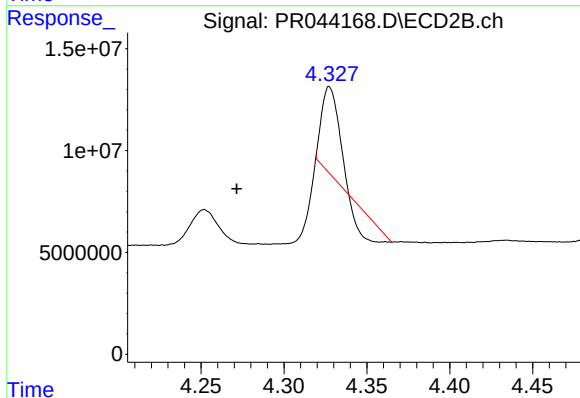
R.T.: 4.120 min
Delta R.T.: -0.064 min
Response: 319180
Conc: 2.80 ng/ml



#9 AR-1221-2

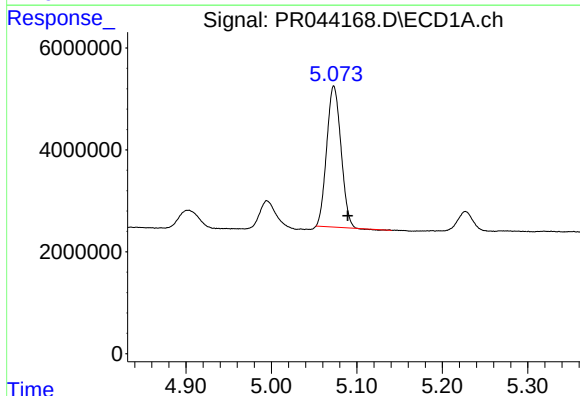
R.T.: 4.995 min
Delta R.T.: -0.016 min
Response: 4684867
Conc: 173.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



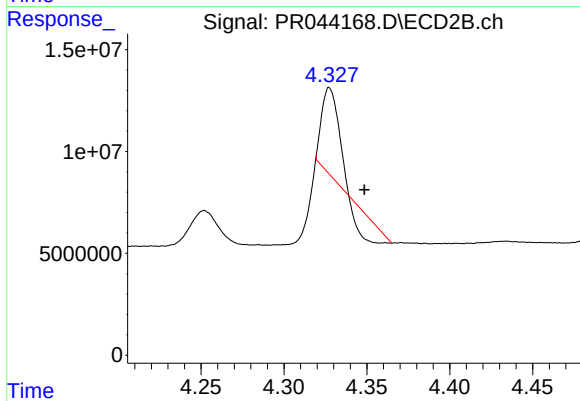
#9 AR-1221-2

R.T.: 4.327 min
Delta R.T.: 0.056 min
Response: 19016786
Conc: 233.09 ng/ml



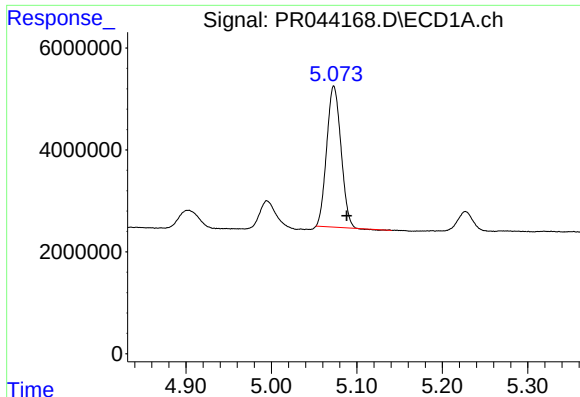
#10 AR-1221-3

R.T.: 5.073 min
Delta R.T.: -0.016 min
Response: 32106744
Conc: 327.36 ng/ml



#10 AR-1221-3

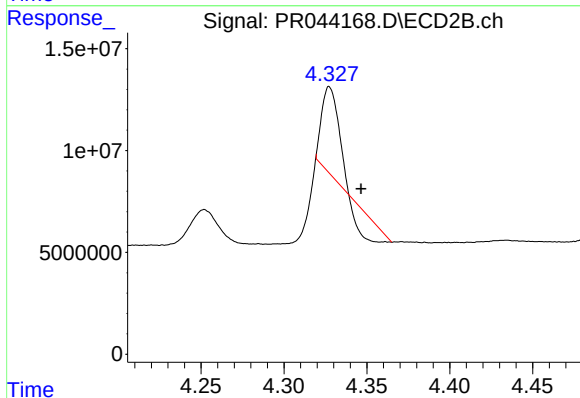
R.T.: 4.327 min
Delta R.T.: -0.021 min
Response: 19016786
Conc: 68.16 ng/ml



#11 AR-1232-1

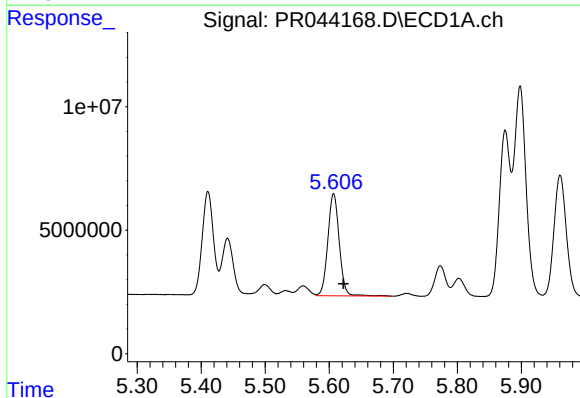
R.T.: 5.073 min
Delta R.T.: -0.015 min
Response: 32106744
Conc: 400.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



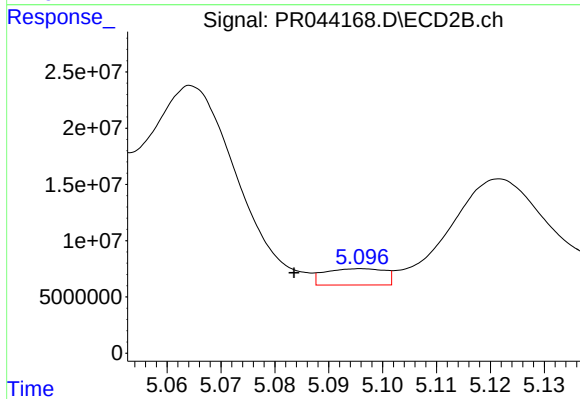
#11 AR-1232-1

R.T.: 4.327 min
Delta R.T.: -0.019 min
Response: 19016786
Conc: 82.41 ng/ml



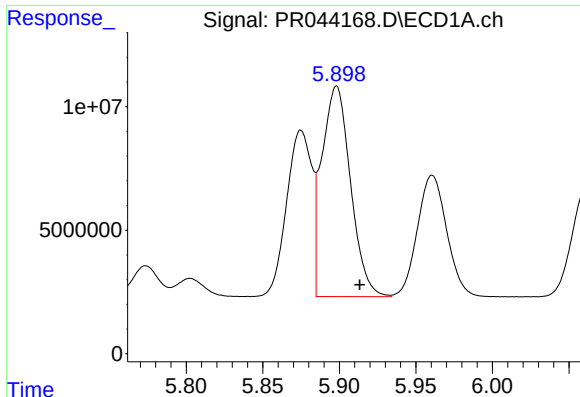
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.015 min
Response: 51133706
Conc: 1157.54 ng/ml



#12 AR-1232-2

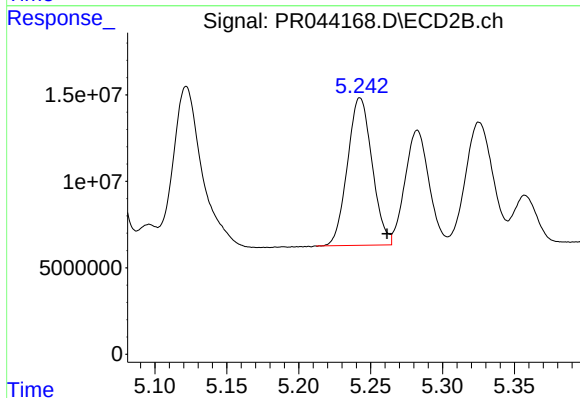
R.T.: 5.096 min
Delta R.T.: 0.012 min
Response: 11126861
Conc: 51.10 ng/ml



#13 AR-1232-3

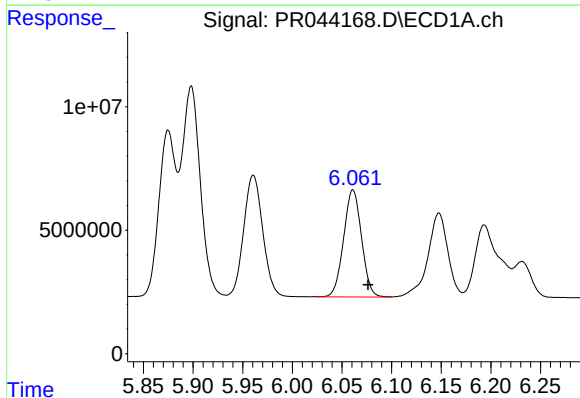
R.T.: 5.898 min
Delta R.T.: -0.015 min
Response: 111324198
Conc: 1166.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



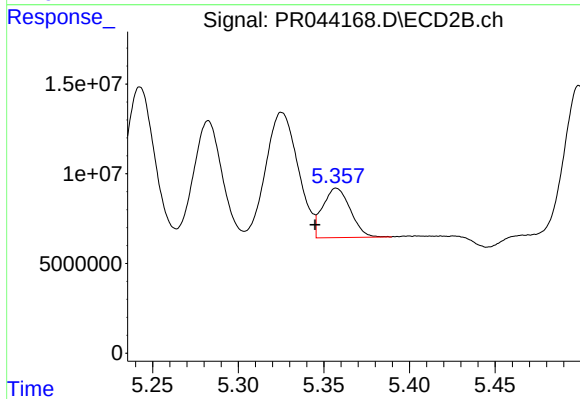
#13 AR-1232-3

R.T.: 5.243 min
Delta R.T.: -0.019 min
Response: 102140545
Conc: 1077.31 ng/ml



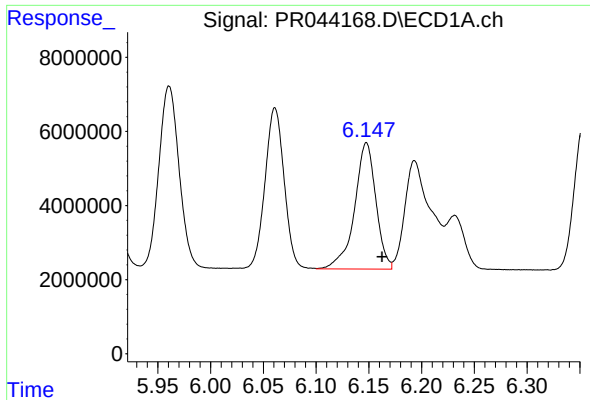
#14 AR-1232-4

R.T.: 6.061 min
Delta R.T.: -0.015 min
Response: 54548696
Conc: 1165.43 ng/ml



#14 AR-1232-4

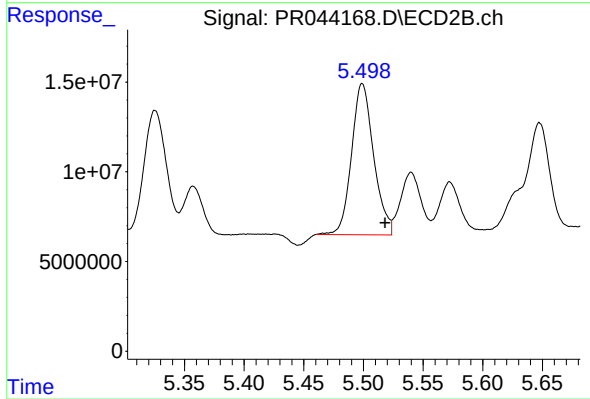
R.T.: 5.357 min
Delta R.T.: 0.012 min
Response: 30871337
Conc: 356.52 ng/ml



#15 AR-1232-5

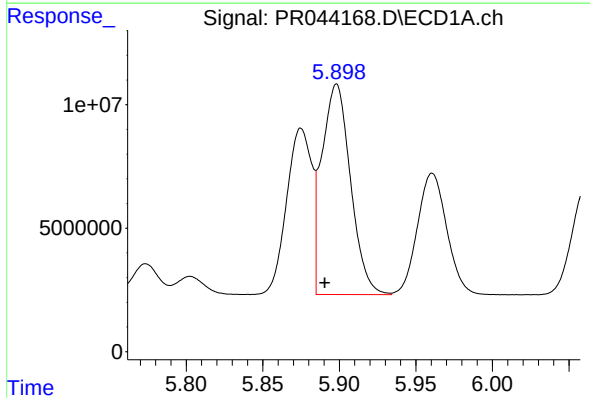
R.T.: 6.148 min
Delta R.T.: -0.015 min
Response: 47918812
Conc: 1399.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



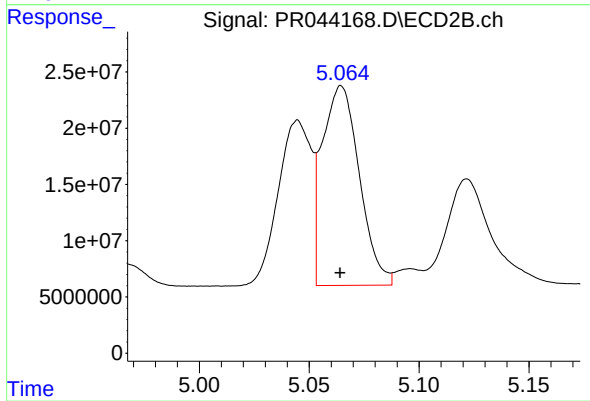
#15 AR-1232-5

R.T.: 5.499 min
Delta R.T.: -0.019 min
Response: 108738795
Conc: 1105.83 ng/ml



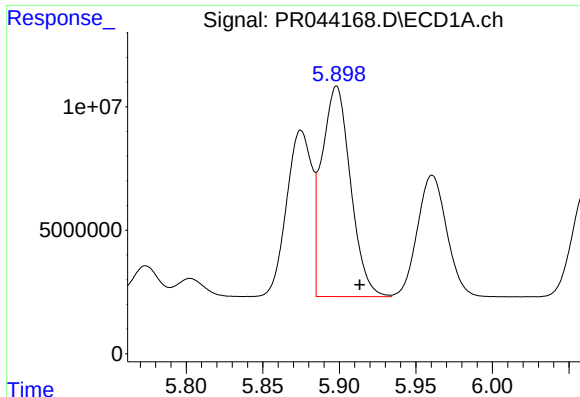
#16 AR-1242-1

R.T.: 5.898 min
Delta R.T.: 0.008 min
Response: 111324198
Conc: 879.87 ng/ml



#16 AR-1242-1

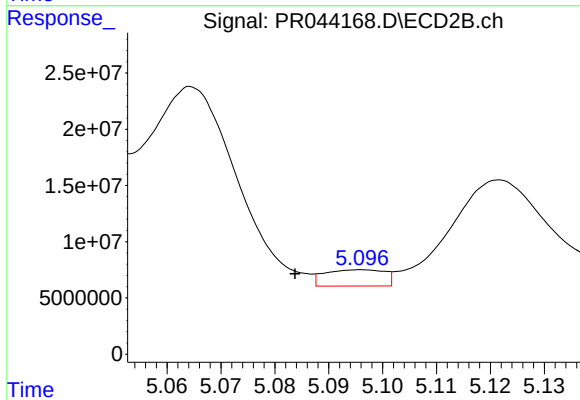
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 208461827
Conc: 724.59 ng/ml



#17 AR-1242-2

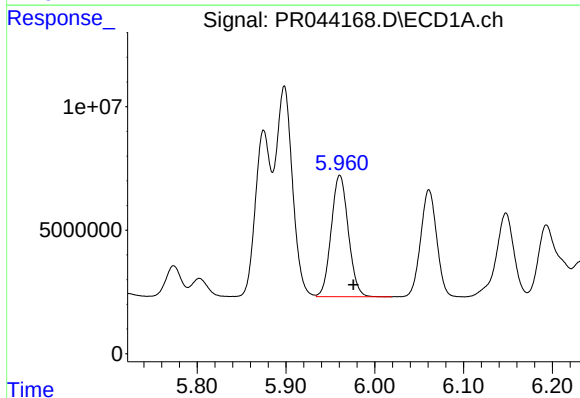
R.T.: 5.898 min
Delta R.T.: -0.015 min
Response: 111324198
Conc: 614.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



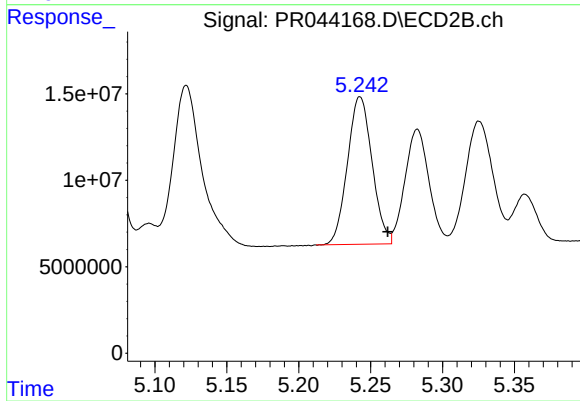
#17 AR-1242-2

R.T.: 5.096 min
Delta R.T.: 0.012 min
Response: 11126861
Conc: 28.14 ng/ml



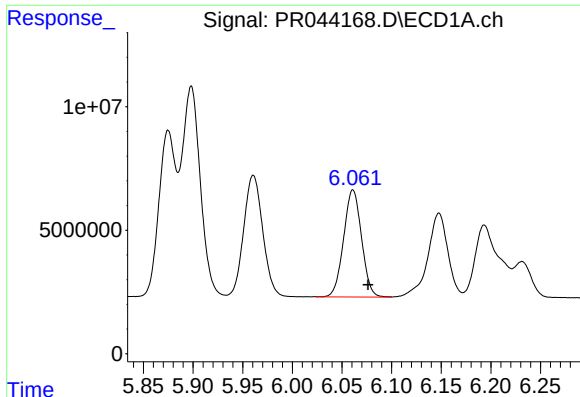
#18 AR-1242-3

R.T.: 5.961 min
Delta R.T.: -0.015 min
Response: 65752948
Conc: 605.64 ng/ml



#18 AR-1242-3

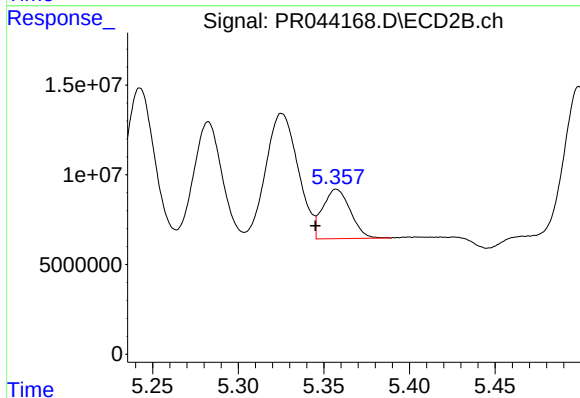
R.T.: 5.243 min
Delta R.T.: -0.019 min
Response: 102140545
Conc: 537.41 ng/ml



#19 AR-1242-4

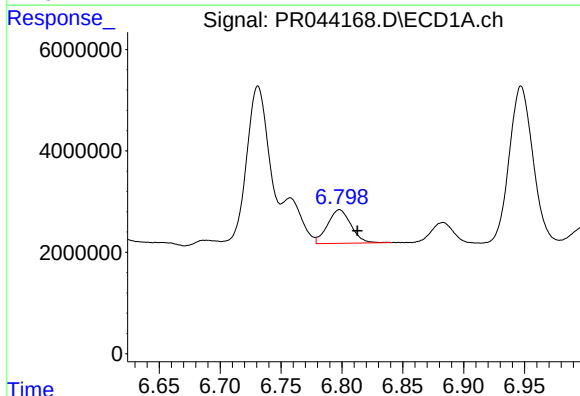
R.T.: 6.061 min
Delta R.T.: -0.015 min
Response: 54548696
Conc: 604.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



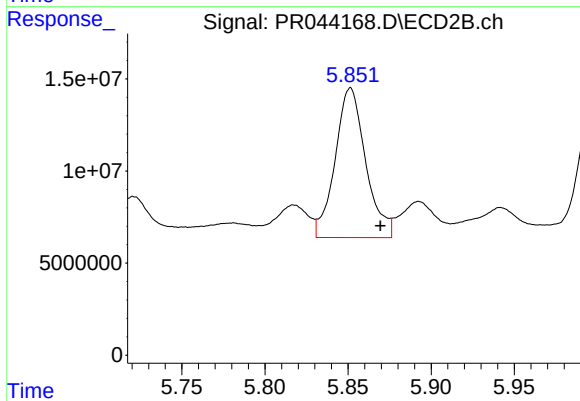
#19 AR-1242-4

R.T.: 5.357 min
Delta R.T.: 0.012 min
Response: 30871337
Conc: 168.85 ng/ml



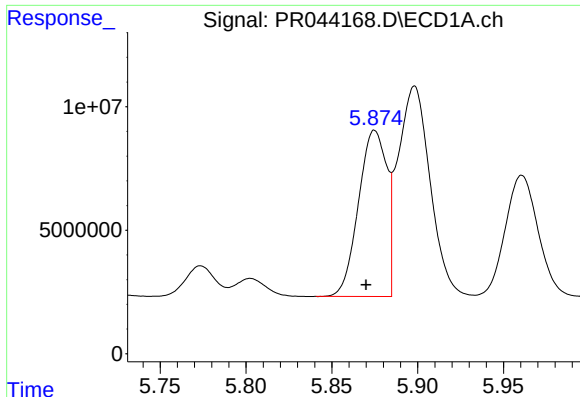
#20 AR-1242-5

R.T.: 6.798 min
Delta R.T.: -0.015 min
Response: 8916236
Conc: 81.16 ng/ml



#20 AR-1242-5

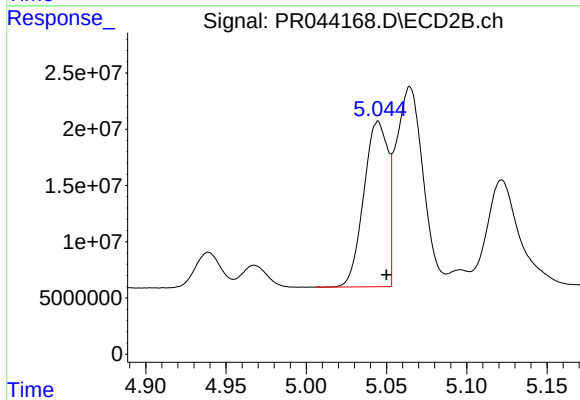
R.T.: 5.851 min
Delta R.T.: -0.018 min
Response: 103946038
Conc: 350.41 ng/ml



#21 AR-1248-1

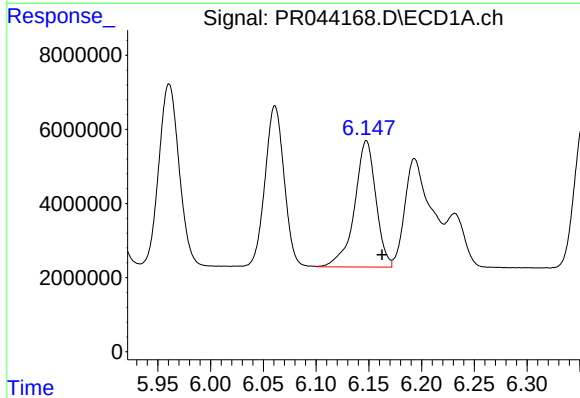
R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 76950523
Conc: 768.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



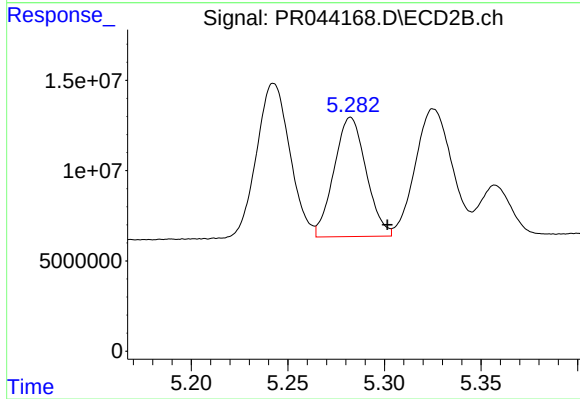
#21 AR-1248-1

R.T.: 5.045 min
Delta R.T.: -0.005 min
Response: 154376995
Conc: 670.96 ng/ml



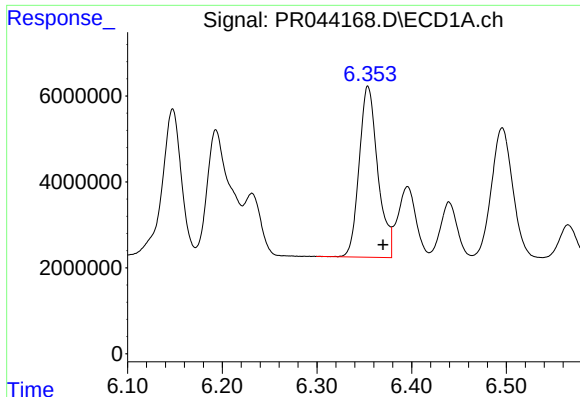
#22 AR-1248-2

R.T.: 6.148 min
Delta R.T.: -0.015 min
Response: 47918812
Conc: 349.52 ng/ml



#22 AR-1248-2

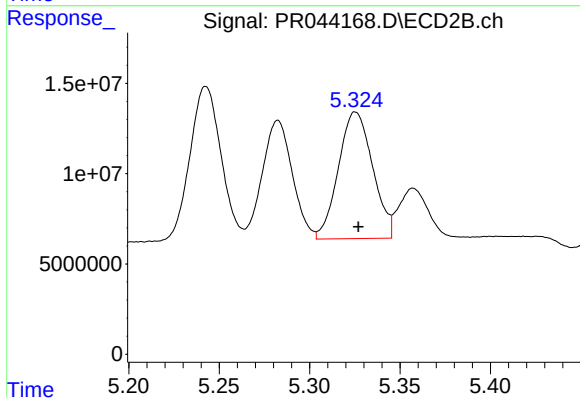
R.T.: 5.283 min
Delta R.T.: -0.019 min
Response: 76410244
Conc: 292.02 ng/ml



#23 AR-1248-3

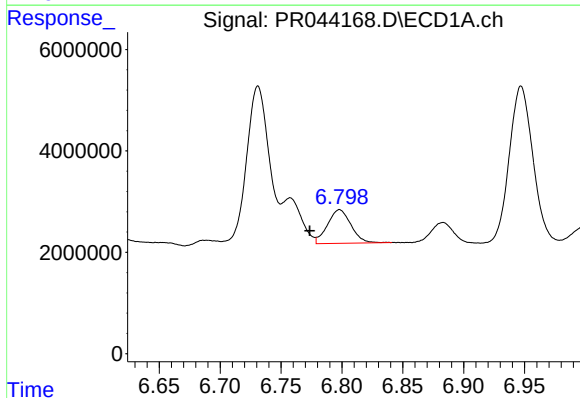
R.T.: 6.354 min
Delta R.T.: -0.016 min
Response: 54476605
Conc: 344.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



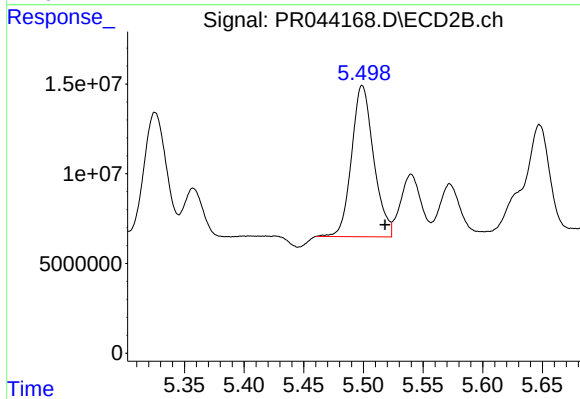
#23 AR-1248-3

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 92569009
Conc: 349.65 ng/ml



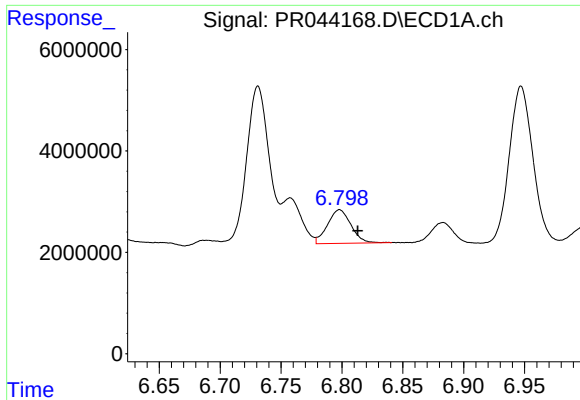
#24 AR-1248-4

R.T.: 6.798 min
Delta R.T.: 0.024 min
Response: 8916236
Conc: 45.92 ng/ml



#24 AR-1248-4

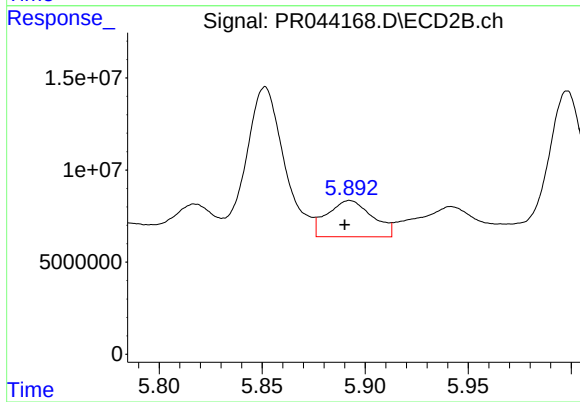
R.T.: 5.499 min
Delta R.T.: -0.019 min
Response: 108738795
Conc: 326.77 ng/ml



#25 AR-1248-5

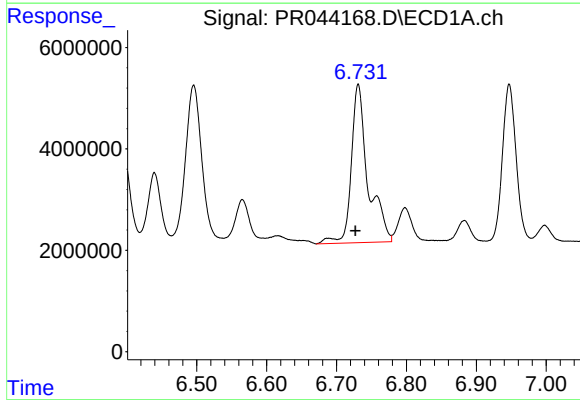
R.T.: 6.798 min
Delta R.T.: -0.015 min
Response: 8916236
Conc: 48.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



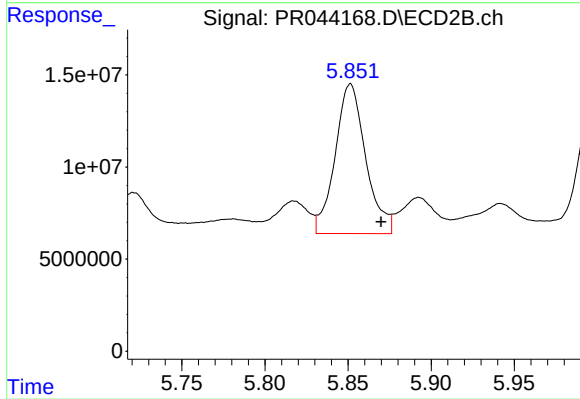
#25 AR-1248-5

R.T.: 5.893 min
Delta R.T.: 0.003 min
Response: 30015763
Conc: 73.43 ng/ml



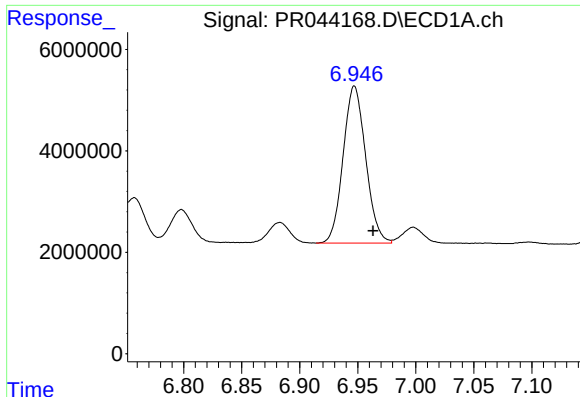
#26 AR-1254-1

R.T.: 6.731 min
Delta R.T.: 0.004 min
Response: 51918204
Conc: 271.67 ng/ml



#26 AR-1254-1

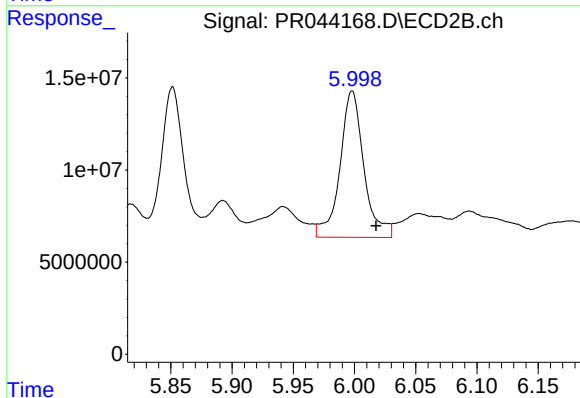
R.T.: 5.851 min
Delta R.T.: -0.019 min
Response: 103946038
Conc: 172.63 ng/ml



#27 AR-1254-2

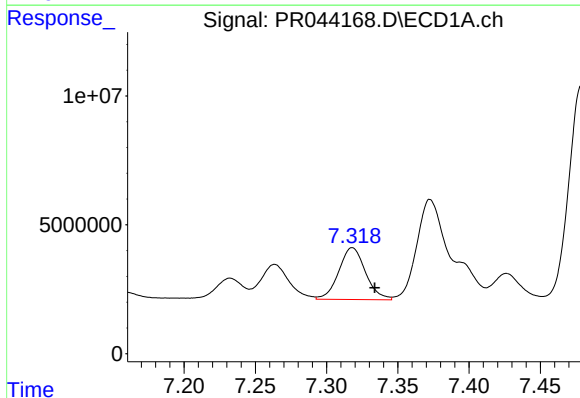
R.T.: 6.947 min
Delta R.T.: -0.016 min
Response: 41900491
Conc: 137.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



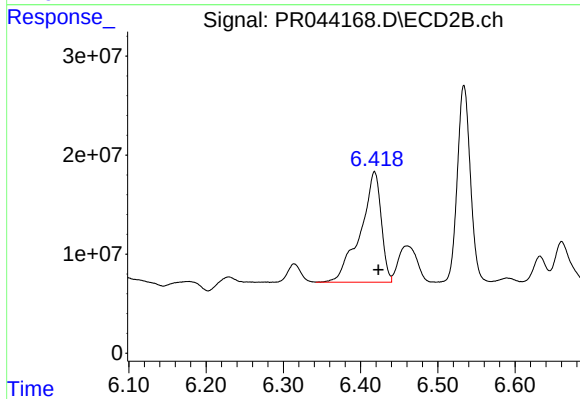
#27 AR-1254-2

R.T.: 5.998 min
Delta R.T.: -0.019 min
Response: 108365988
Conc: 199.69 ng/ml



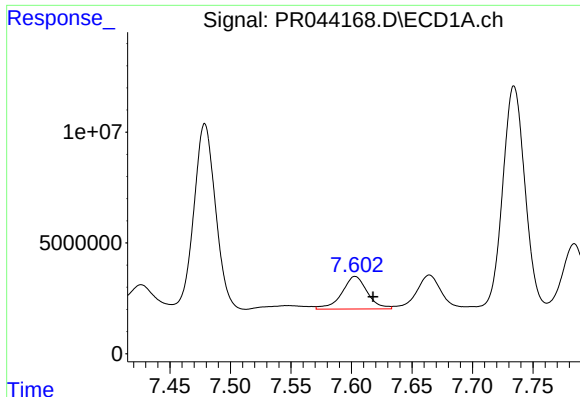
#28 AR-1254-3

R.T.: 7.318 min
Delta R.T.: -0.016 min
Response: 26440187
Conc: 76.67 ng/ml



#28 AR-1254-3

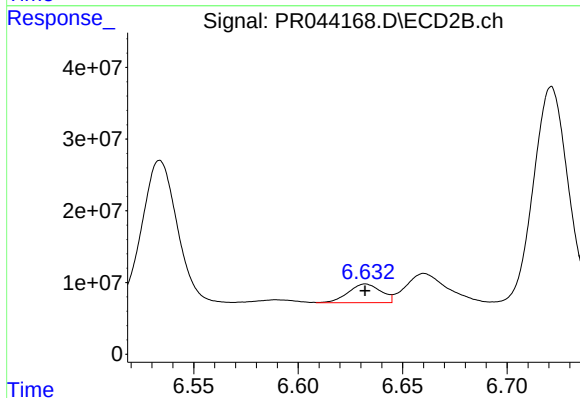
R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 209143994
Conc: 219.36 ng/ml



#29 AR-1254-4

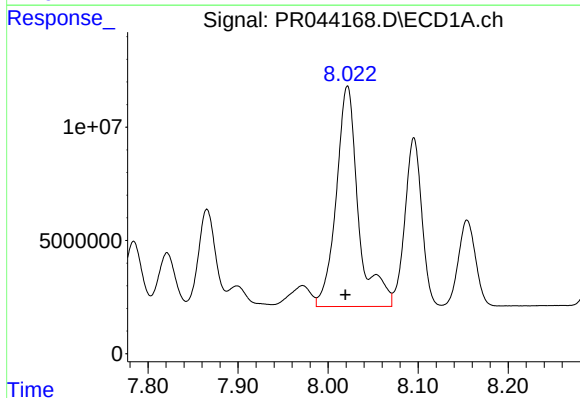
R.T.: 7.603 min
Delta R.T.: -0.015 min
Response: 21592093
Conc: 82.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



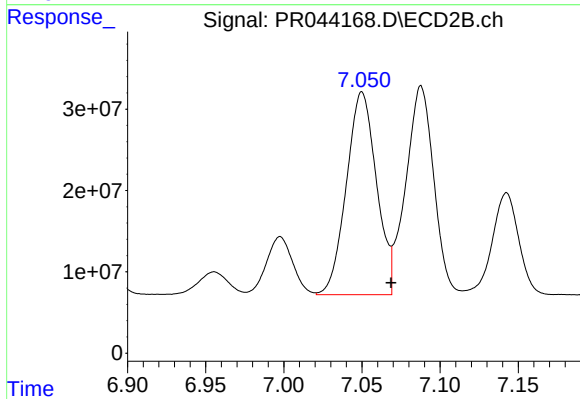
#29 AR-1254-4

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 28342930
Conc: 42.73 ng/ml



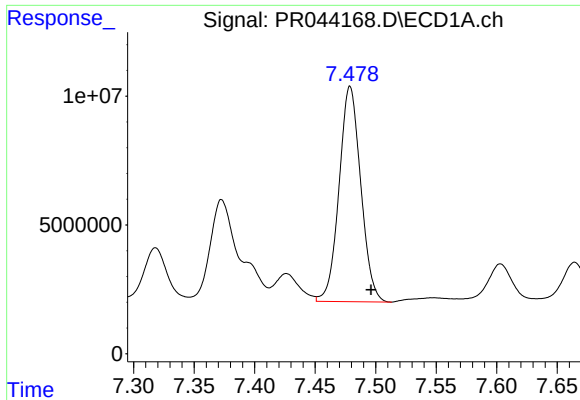
#30 AR-1254-5

R.T.: 8.021 min
Delta R.T.: 0.002 min
Response: 166918254
Conc: 589.02 ng/ml



#30 AR-1254-5

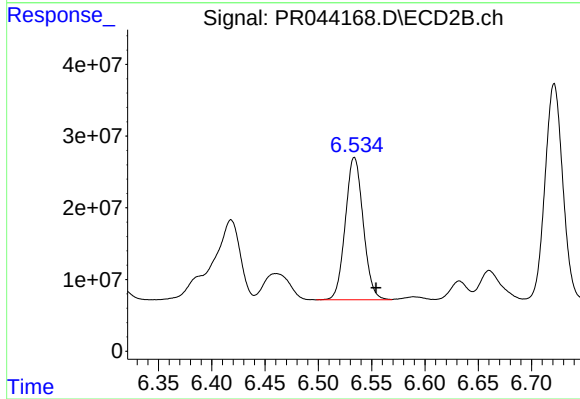
R.T.: 7.050 min
Delta R.T.: -0.019 min
Response: 333707212
Conc: 383.48 ng/ml



#31 AR-1260-1

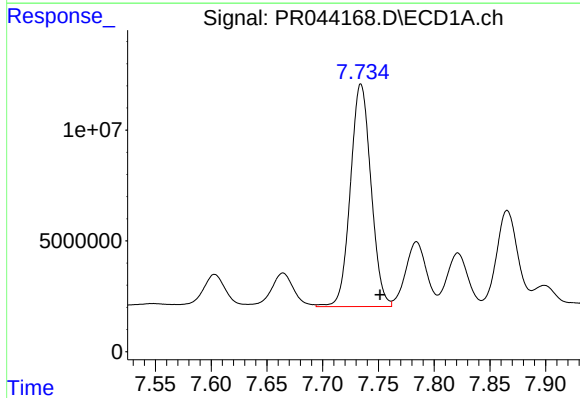
R.T.: 7.479 min
Delta R.T.: -0.017 min
Response: 104136376
Conc: 450.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



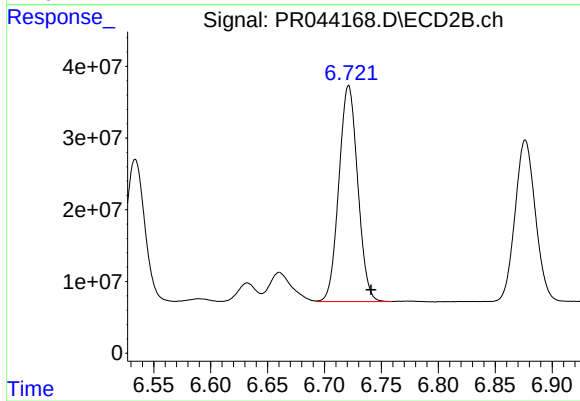
#31 AR-1260-1

R.T.: 6.534 min
Delta R.T.: -0.020 min
Response: 232319844
Conc: 425.11 ng/ml



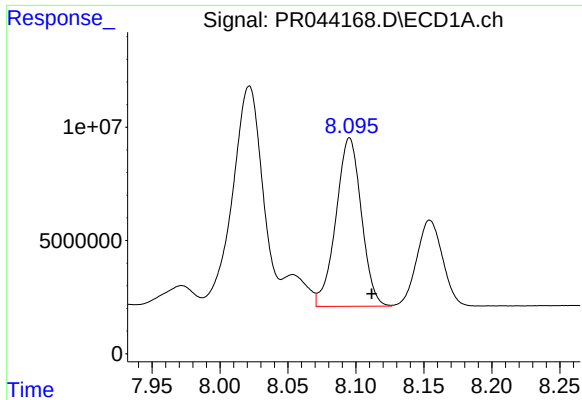
#32 AR-1260-2

R.T.: 7.734 min
Delta R.T.: -0.017 min
Response: 129017032
Conc: 452.17 ng/ml



#32 AR-1260-2

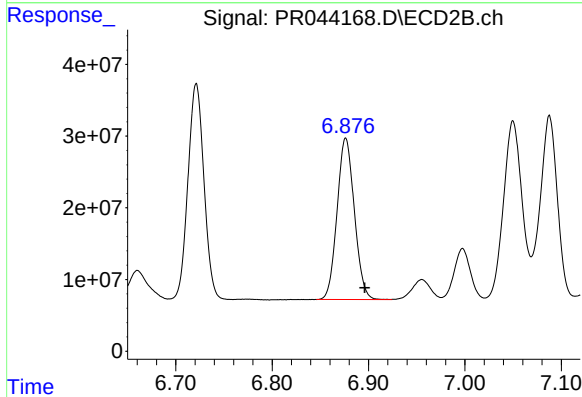
R.T.: 6.721 min
Delta R.T.: -0.020 min
Response: 347211473
Conc: 432.64 ng/ml



#33 AR-1260-3

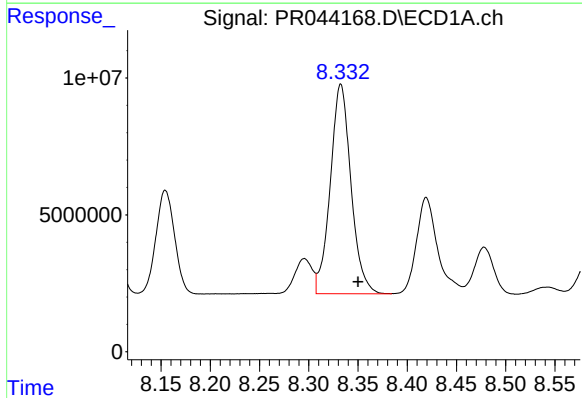
R.T.: 8.095 min
Delta R.T.: -0.016 min
Response: 96905896
Conc: 431.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



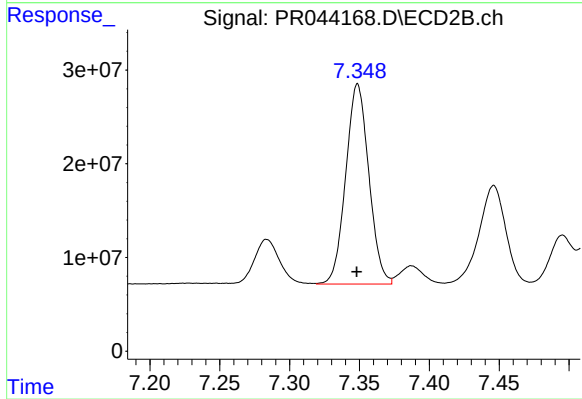
#33 AR-1260-3

R.T.: 6.876 min
Delta R.T.: -0.020 min
Response: 279974574
Conc: 419.21 ng/ml



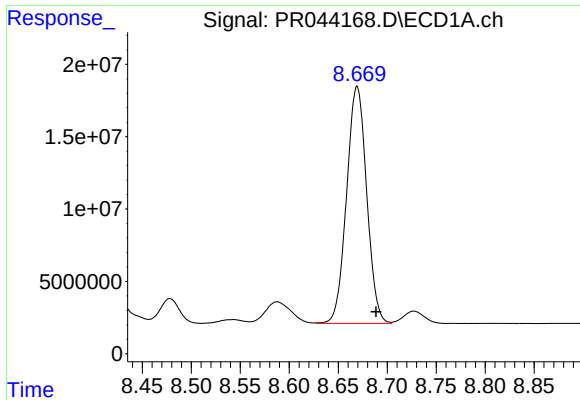
#34 AR-1260-4

R.T.: 8.333 min
Delta R.T.: -0.018 min
Response: 112258691
Conc: 433.54 ng/ml



#34 AR-1260-4

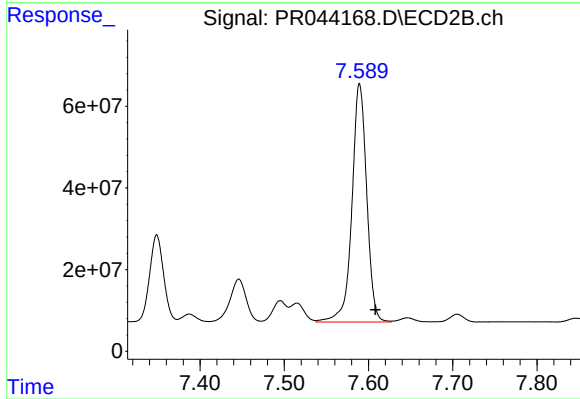
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 245705053
Conc: 437.70 ng/ml



#35 AR-1260-5

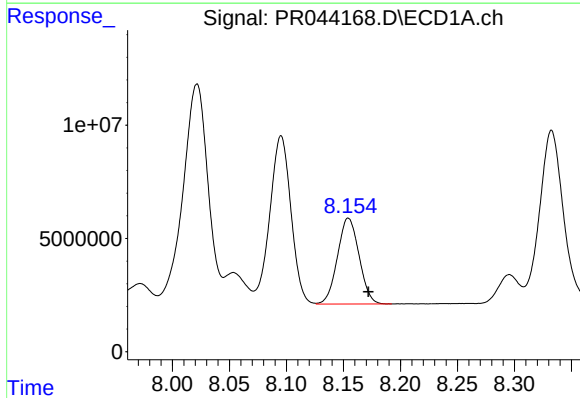
R.T.: 8.669 min
Delta R.T.: -0.019 min
Response: 233927172
Conc: 418.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



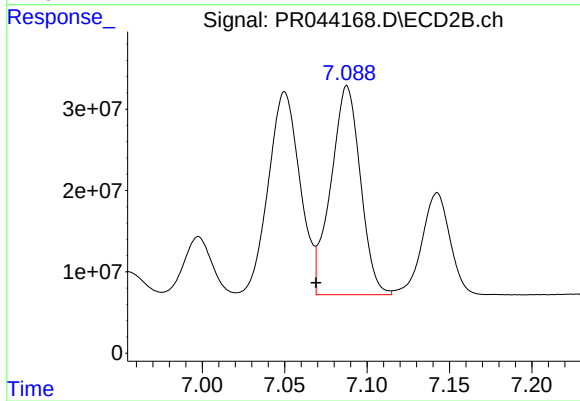
#35 AR-1260-5

R.T.: 7.589 min
Delta R.T.: -0.019 min
Response: 711889524
Conc: 422.89 ng/ml



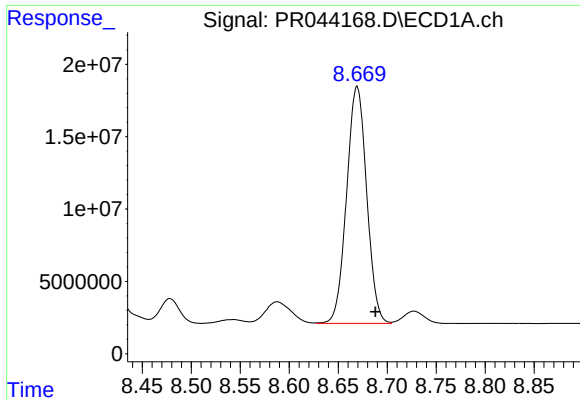
#36 AR-1262-1

R.T.: 8.154 min
Delta R.T.: -0.017 min
Response: 50135599
Conc: 348.55 ng/ml



#36 AR-1262-1

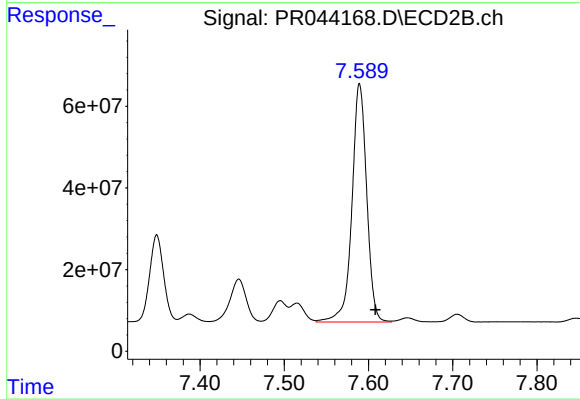
R.T.: 7.088 min
Delta R.T.: 0.019 min
Response: 320240290
Conc: 647.37 ng/ml



#37 AR-1262-2

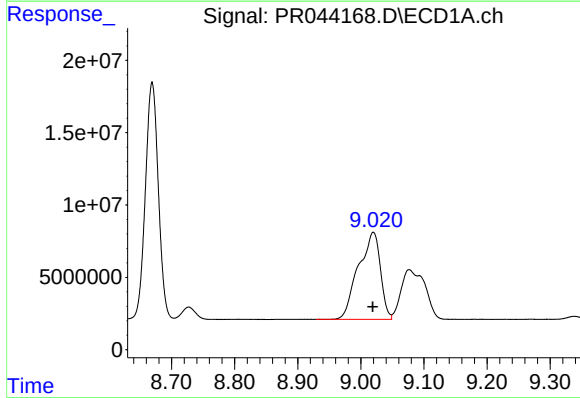
R.T.: 8.669 min
Delta R.T.: -0.019 min
Response: 233927172
Conc: 329.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



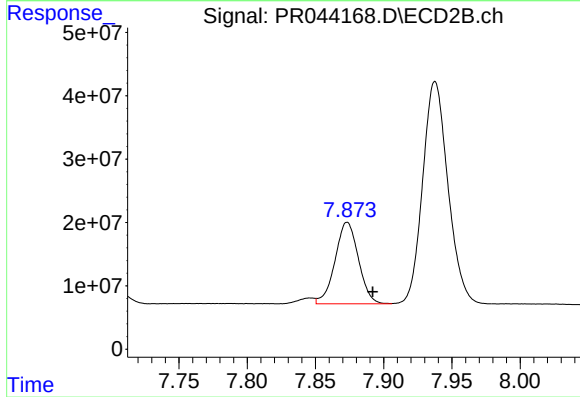
#37 AR-1262-2

R.T.: 7.589 min
Delta R.T.: -0.019 min
Response: 711889524
Conc: 327.39 ng/ml



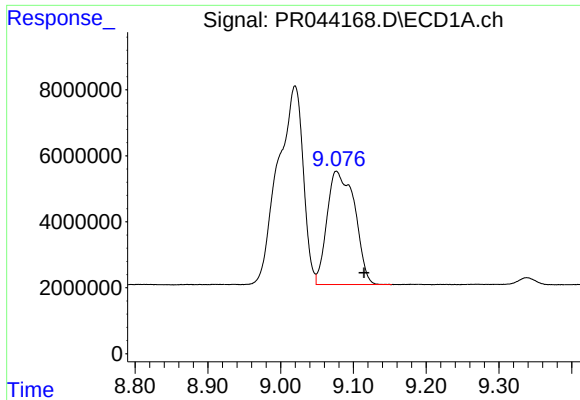
#38 AR-1262-3

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 145714188
Conc: 316.33 ng/ml



#38 AR-1262-3

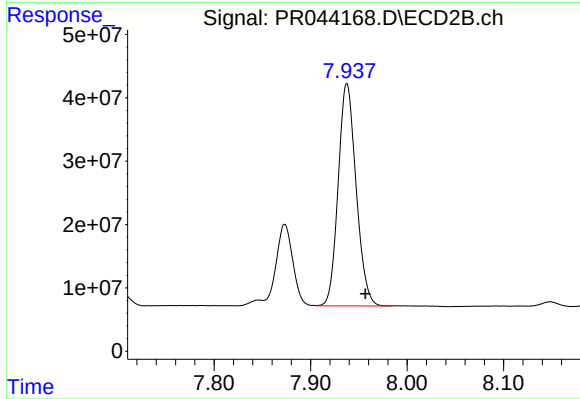
R.T.: 7.873 min
Delta R.T.: -0.019 min
Response: 153955145
Conc: 178.24 ng/ml



#39 AR-1262-4

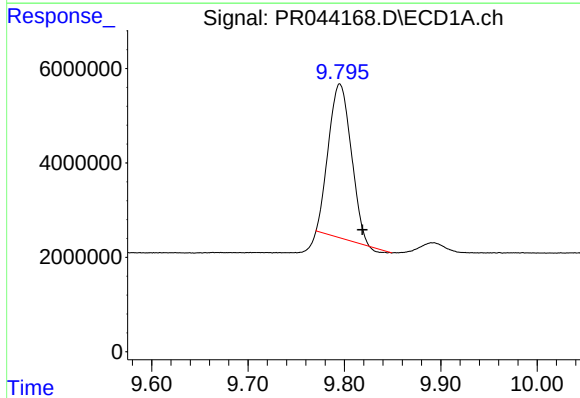
R.T.: 9.077 min
Delta R.T.: -0.038 min
Response: 90839784
Conc: 266.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



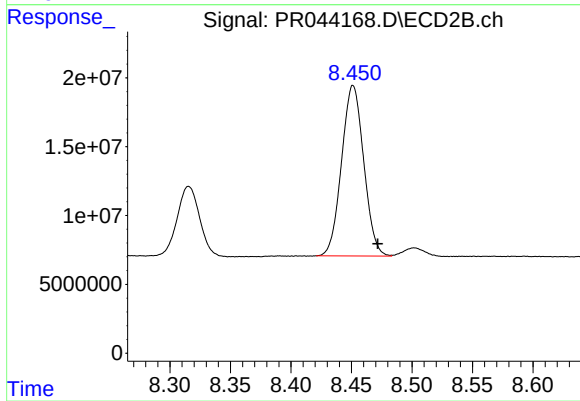
#39 AR-1262-4

R.T.: 7.938 min
Delta R.T.: -0.019 min
Response: 453564847
Conc: 318.99 ng/ml



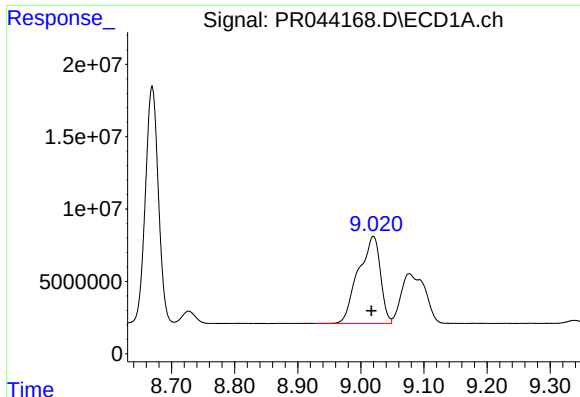
#40 AR-1262-5

R.T.: 9.795 min
Delta R.T.: -0.023 min
Response: 52846318
Conc: 220.12 ng/ml



#40 AR-1262-5

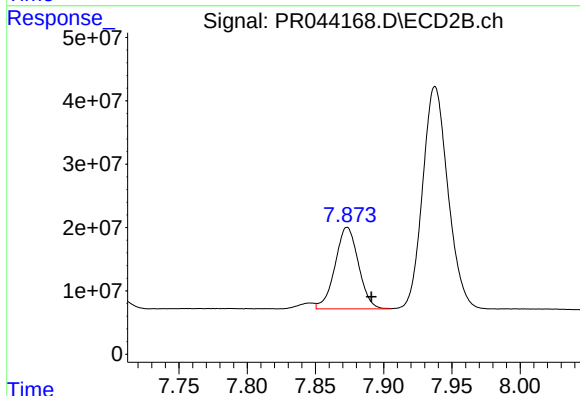
R.T.: 8.451 min
Delta R.T.: -0.020 min
Response: 157998757
Conc: 247.14 ng/ml



#41 AR-1268-1

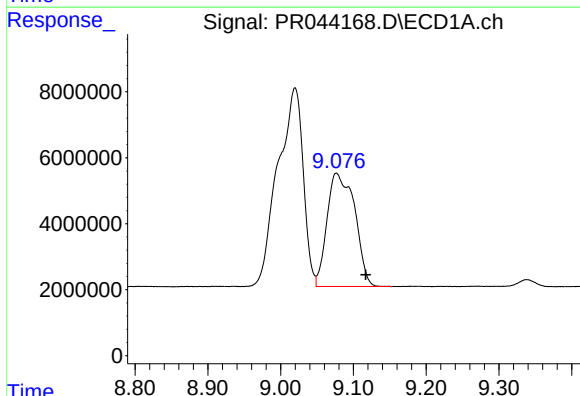
R.T.: 9.020 min
Delta R.T.: 0.003 min
Response: 145714188
Conc: 180.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



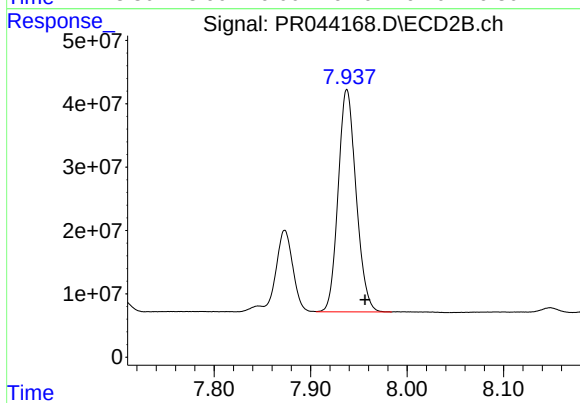
#41 AR-1268-1

R.T.: 7.873 min
Delta R.T.: -0.018 min
Response: 153955145
Conc: 62.96 ng/ml



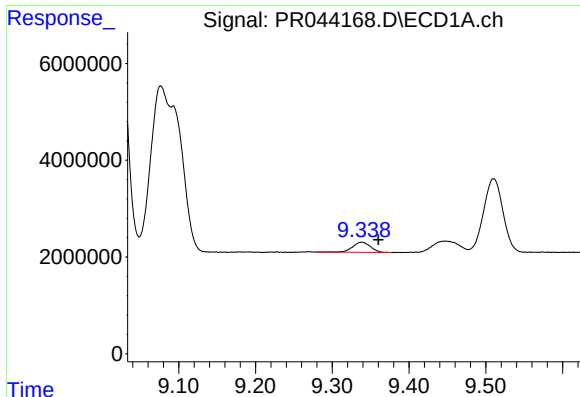
#42 AR-1268-2

R.T.: 9.077 min
Delta R.T.: -0.040 min
Response: 90839784
Conc: 123.29 ng/ml



#42 AR-1268-2

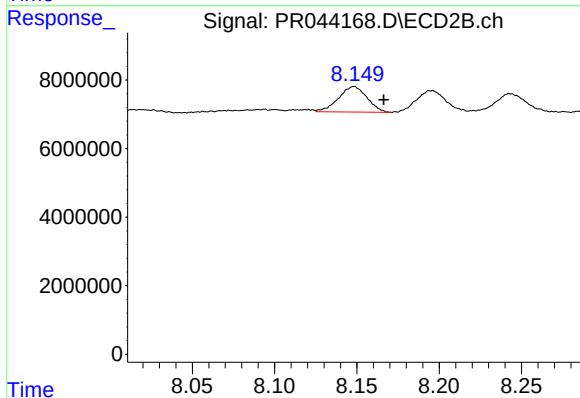
R.T.: 7.938 min
Delta R.T.: -0.019 min
Response: 453564847
Conc: 216.85 ng/ml



#43 AR-1268-3

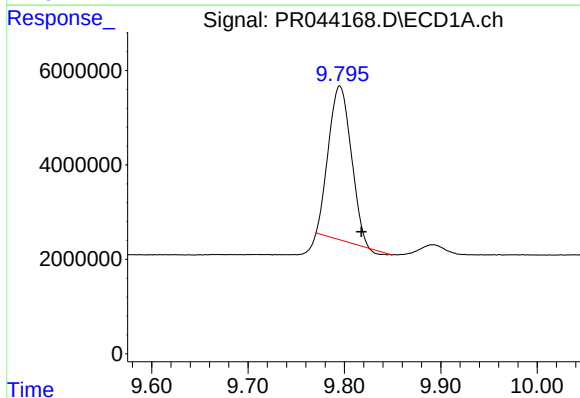
R.T.: 9.338 min
Delta R.T.: -0.022 min
Response: 3398497
Conc: 5.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



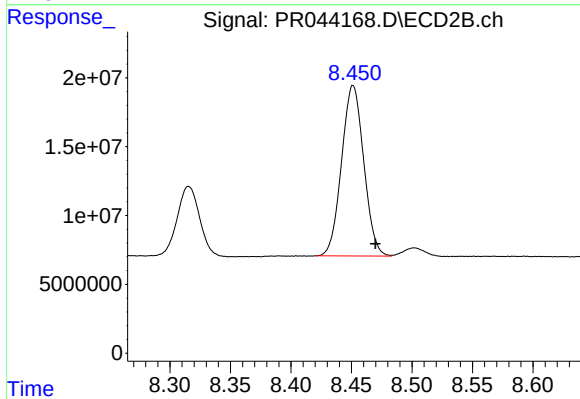
#43 AR-1268-3

R.T.: 8.148 min
Delta R.T.: -0.018 min
Response: 8952954
Conc: 4.97 ng/ml



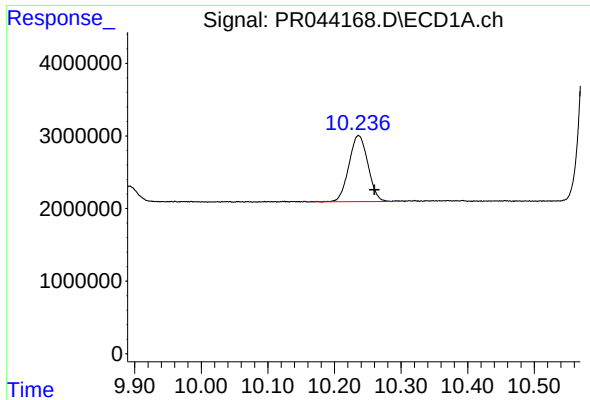
#44 AR-1268-4

R.T.: 9.795 min
Delta R.T.: -0.022 min
Response: 52846318
Conc: 199.76 ng/ml



#44 AR-1268-4

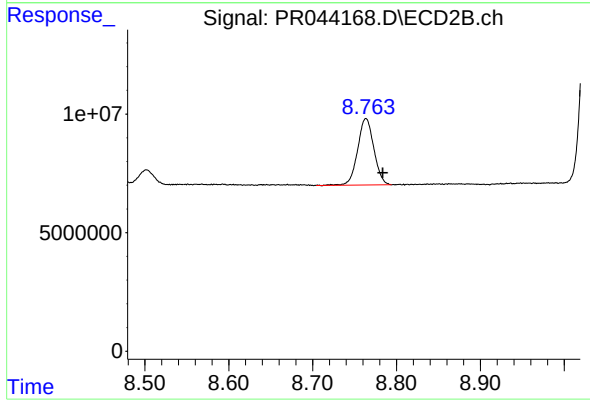
R.T.: 8.451 min
Delta R.T.: -0.018 min
Response: 157998757
Conc: 224.21 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: -0.024 min
Response: 18038061
Conc: 8.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660395



#45 AR-1268-5

R.T.: 8.764 min
Delta R.T.: -0.020 min
Response: 37706011
Conc: 7.73 ng/ml