

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012825\
 Data File : P0109172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 19:59
 Operator : YP/AJ
 Sample : Q1168-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 22:23:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.700	3.697	137.9E6	96383574	18.256	17.981
2)	SA Decachlor...	8.764	8.714	133.6E6	64684323	19.291	18.810
Target Compounds							
3)	L1 AR-1016-1	4.795	4.801	12151350	10906214	48.165	67.356 #
4)	L1 AR-1016-2	4.815	4.833	16124631	988355	46.754	4.149 #
5)	L1 AR-1016-3	4.871	5.019	11638625	5645206	47.676	43.299
6)	L1 AR-1016-4	4.992	5.019	8890050	5645206	46.586	51.079
7)	L1 AR-1016-5	5.249	5.273	11203778	3519750	53.668	24.521 #
8)	L2 AR-1221-1	3.912	3.908	1405885	802190	14.045	12.249
9)	L2 AR-1221-2	4.002	3.996	4271545	2791110	57.408	56.514
10)	L2 AR-1221-3	4.077	4.070	6515682	4450514	31.323	30.659
11)	L3 AR-1232-1	4.077	4.070	6515682	4450514	39.460	38.530
12)	L3 AR-1232-2	4.572	4.801	8989677	10906214	98.808	100.137
13)	L3 AR-1232-3	4.815	4.977	16124631	6218758	100.683	103.703
14)	L3 AR-1232-4	4.992	5.061	8890050	6909563	101.022	120.666
15)	L3 AR-1232-5	5.034	5.232	7893746	7684352	121.783	126.654
16)	L4 AR-1242-1	4.795	4.782	12151350	8205555	57.199	57.417
17)	L4 AR-1242-2	4.815	4.801	16124631	10906214	56.237	55.301
18)	L4 AR-1242-3	4.871	4.977	11638625	6218758	56.854	57.030
19)	L4 AR-1242-4	4.992	5.061	8890050	6909563	55.958	60.800
20)	L4 AR-1242-5	5.646	5.584	3464295	8001452	20.740	58.496 #
21)	L5 AR-1248-1	4.795	4.782	12151350	8205555	76.150	76.459
22)	L5 AR-1248-2	5.034	5.019	7893746	5645206	35.320	36.663
23)	L5 AR-1248-3	5.249	5.061	11203778	6909563	40.911	41.781
24)	L5 AR-1248-4	5.605	5.232	11117453	7684352	28.911	40.126 #
25)	L5 AR-1248-5	5.646	5.625	3464295	3019284	13.040	16.480 #
26)	L6 AR-1254-1	5.605	5.584	11117453	8001452	26.884	28.467
27)	L6 AR-1254-2	5.754	5.732	7638406	6359017	21.111	25.409
28)	L6 AR-1254-3	6.143	6.118	1418099	2458285	2.514	6.258 #
29)	L6 AR-1254-4	6.389	6.363	2021422	1377058	5.866	6.249
30)	L6 AR-1254-5	6.810	6.780	24793929	15241139	48.322	46.650
31)	L7 AR-1260-1	6.292	6.266	19405399	13393229	50.912	53.137
32)	L7 AR-1260-2	6.481	6.453	24150868	16004980	51.431	53.207
33)	L7 AR-1260-3	6.851	6.607	20122525	14102224	51.390	50.657
34)	L7 AR-1260-4	7.110	7.116	19360586	1767690	54.086	7.834 #
35)	L7 AR-1260-5	7.352	7.319	41931308	24381437	50.241	48.697
36)	L8 AR-1262-1	6.851	6.820	20122525	12333217	37.682	36.236
37)	L8 AR-1262-2	7.352	7.319	41931308	24381437	45.604	43.962
38)	L8 AR-1262-3	7.638	7.604	9630637	5743427	26.416	26.783
39)	L8 AR-1262-4	7.700	7.665	29273194	16796820	42.571	42.861
40)	L8 AR-1262-5	8.200	8.160	11518930	5320596	38.127	33.366
41)	L9 AR-1268-1	7.638	7.604	9630637	5743427	9.045	9.124

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 Acq On : 28 Jan 2025 19:59
 Operator : YP/AJ
 Sample : Q1168-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 33 Sample Multiplier: 1

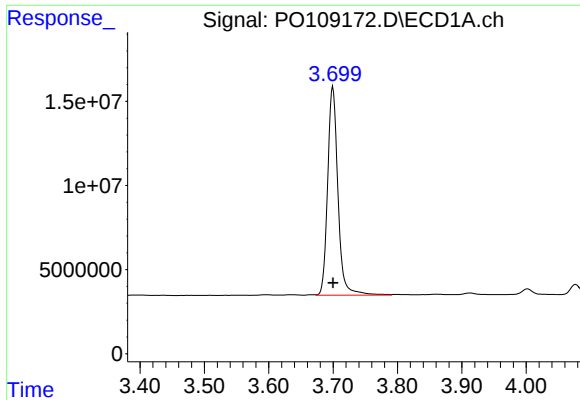
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 22:23:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
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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	7.700	7.665	29273194	16796820	30.206	29.410
43) L9	AR-1268-3	7.905	7.868	2464080	1037238	3.059	2.252 #
44) L9	AR-1268-4	8.200	8.160	11518930	5320596	33.625	29.475
45) L9	AR-1268-5	8.499	8.454	3962239	1848527	1.657	1.545

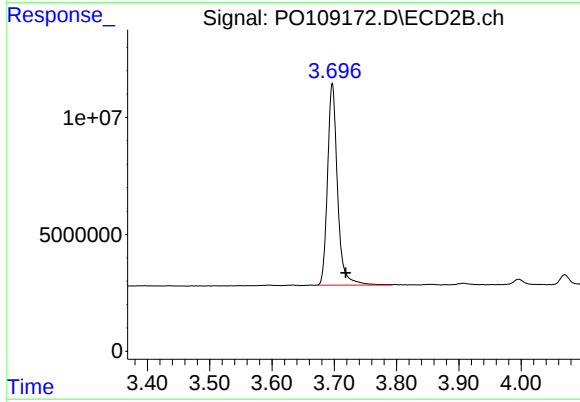
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

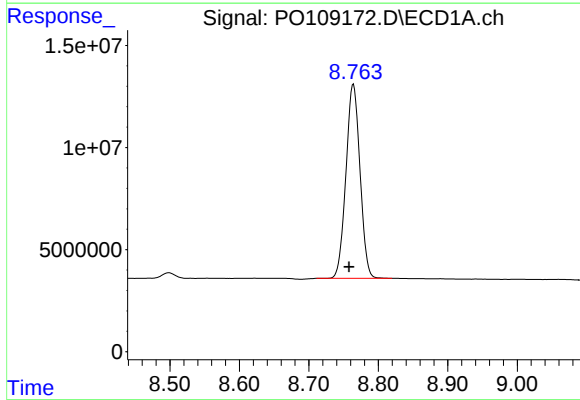
R.T.: 3.700 min
Delta R.T.: 0.000 min
Response: 137948010
Conc: 18.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



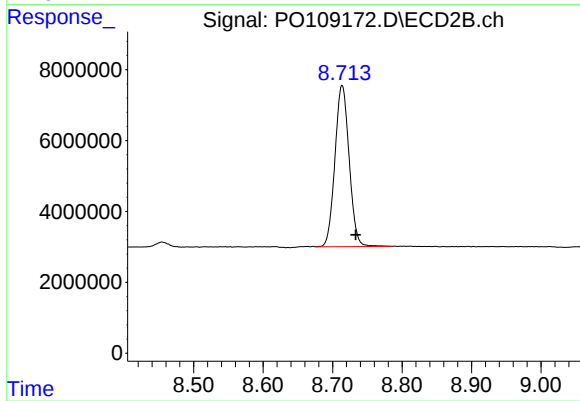
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.022 min
Response: 96383574
Conc: 17.98 ng/ml



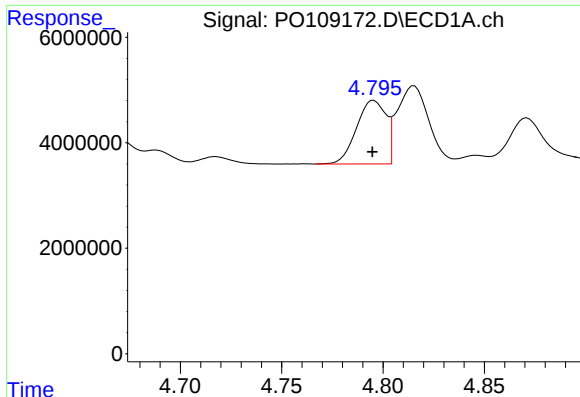
#2 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: 0.006 min
Response: 133643294
Conc: 19.29 ng/ml



#2 Decachlorobiphenyl

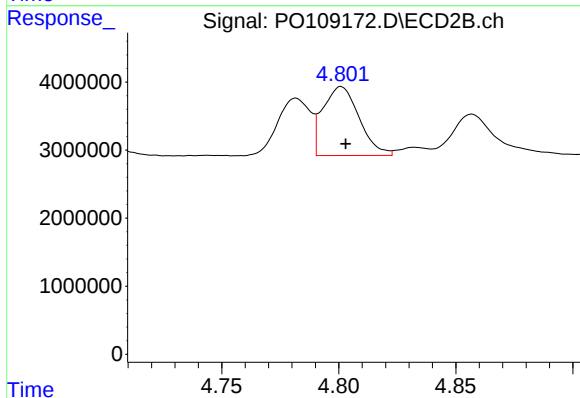
R.T.: 8.714 min
Delta R.T.: -0.019 min
Response: 64684323
Conc: 18.81 ng/ml



#3 AR-1016-1

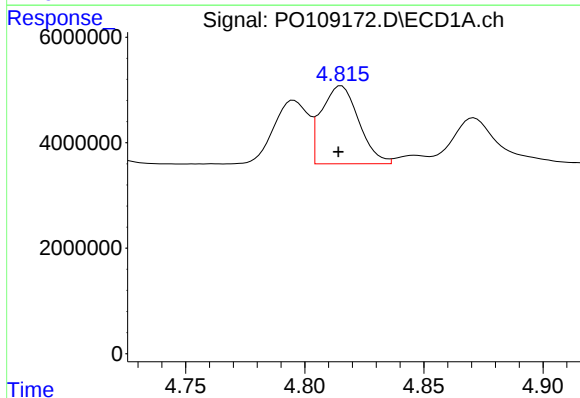
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 12151350
Conc: 48.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



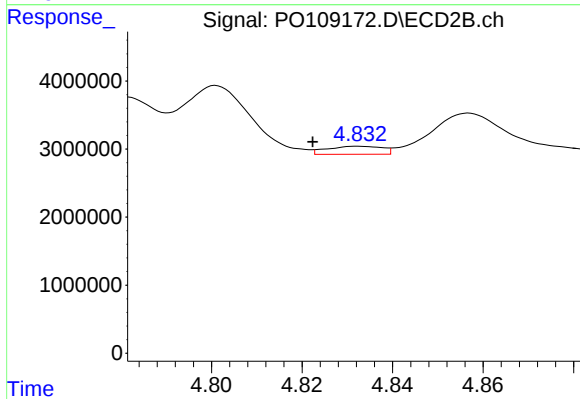
#3 AR-1016-1

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 10906214
Conc: 67.36 ng/ml



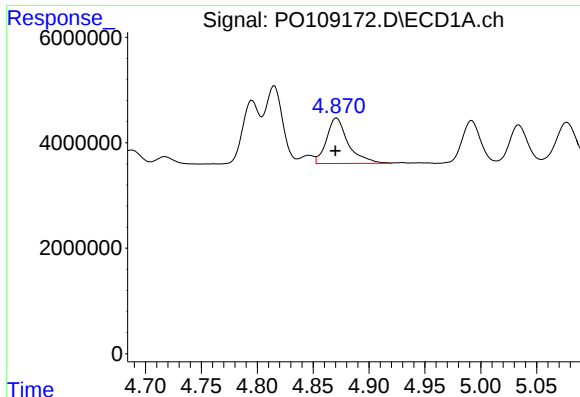
#4 AR-1016-2

R.T.: 4.815 min
Delta R.T.: 0.001 min
Response: 16124631
Conc: 46.75 ng/ml



#4 AR-1016-2

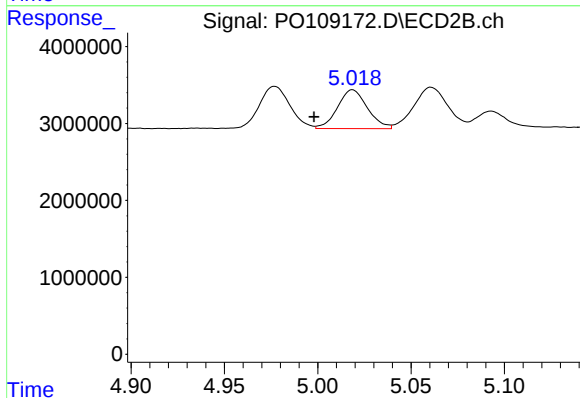
R.T.: 4.833 min
Delta R.T.: 0.010 min
Response: 988355
Conc: 4.15 ng/ml



#5 AR-1016-3

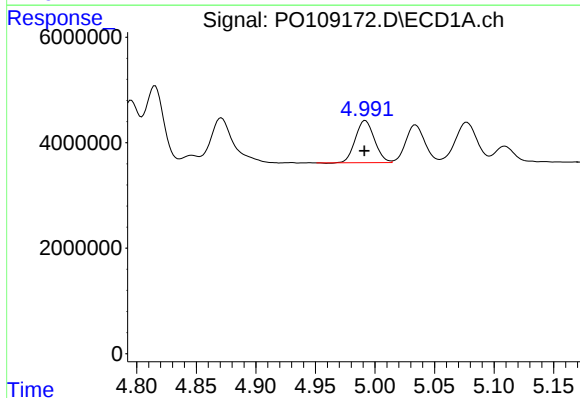
R.T.: 4.871 min
Delta R.T.: 0.001 min
Response: 11638625
Conc: 47.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



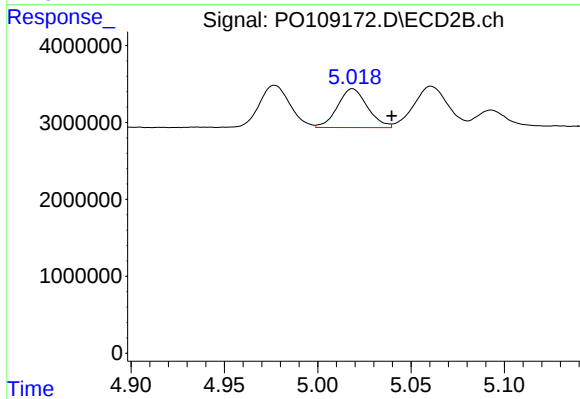
#5 AR-1016-3

R.T.: 5.019 min
Delta R.T.: 0.021 min
Response: 5645206
Conc: 43.30 ng/ml



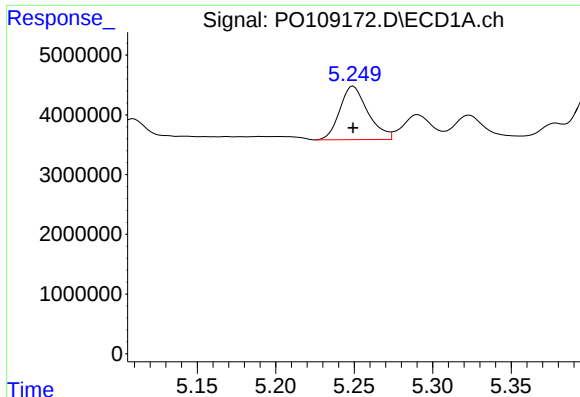
#6 AR-1016-4

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 8890050
Conc: 46.59 ng/ml



#6 AR-1016-4

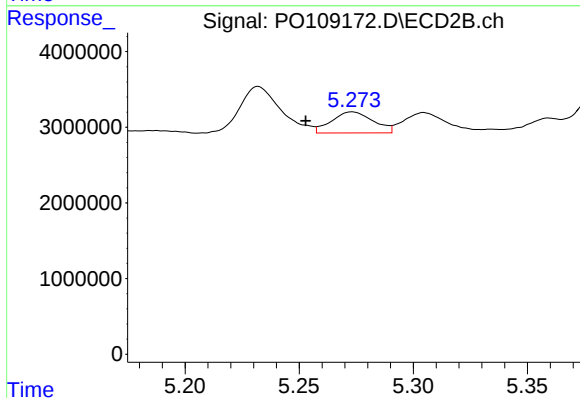
R.T.: 5.019 min
Delta R.T.: -0.021 min
Response: 5645206
Conc: 51.08 ng/ml



#7 AR-1016-5

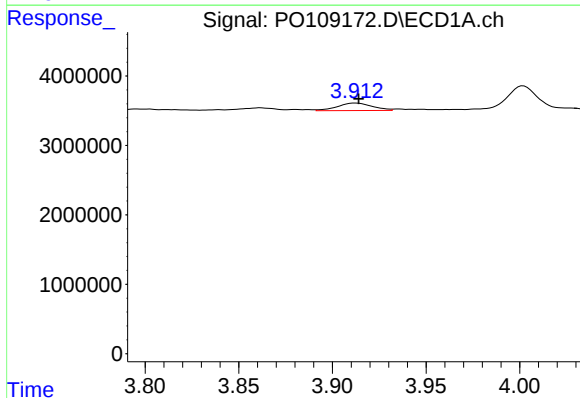
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 11203778
Conc: 53.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



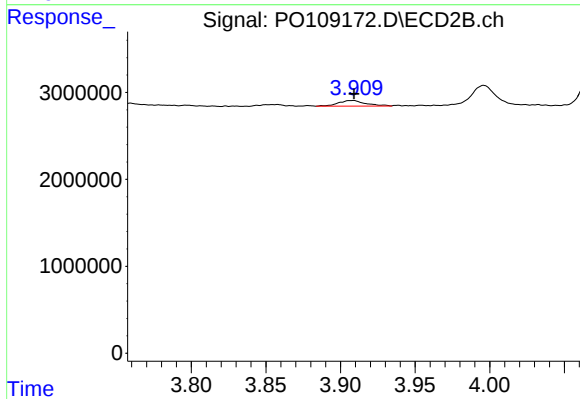
#7 AR-1016-5

R.T.: 5.273 min
Delta R.T.: 0.020 min
Response: 3519750
Conc: 24.52 ng/ml



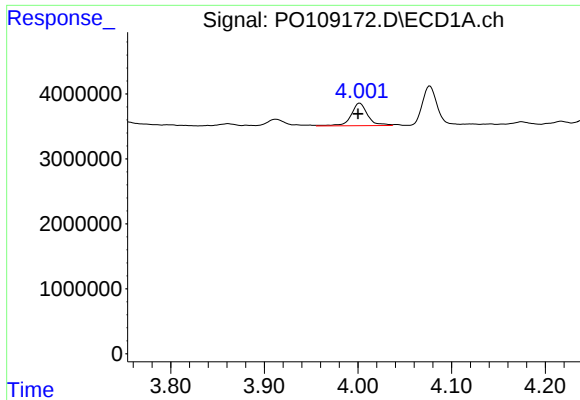
#8 AR-1221-1

R.T.: 3.912 min
Delta R.T.: -0.002 min
Response: 1405885
Conc: 14.04 ng/ml



#8 AR-1221-1

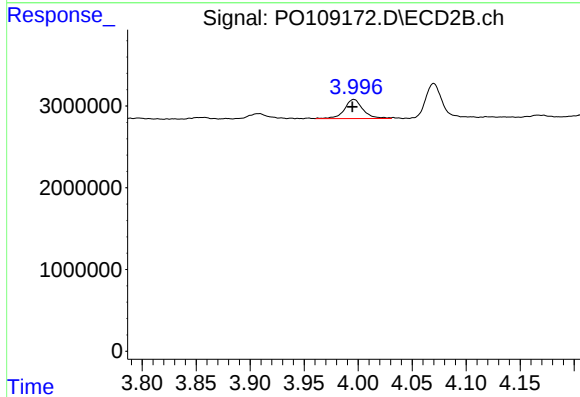
R.T.: 3.908 min
Delta R.T.: -0.001 min
Response: 802190
Conc: 12.25 ng/ml



#9 AR-1221-2

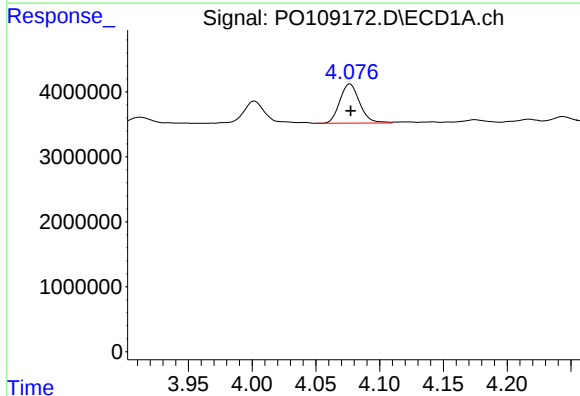
R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 4271545
Conc: 57.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



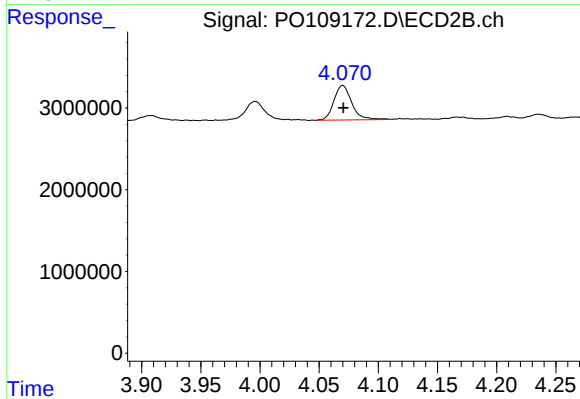
#9 AR-1221-2

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 2791110
Conc: 56.51 ng/ml



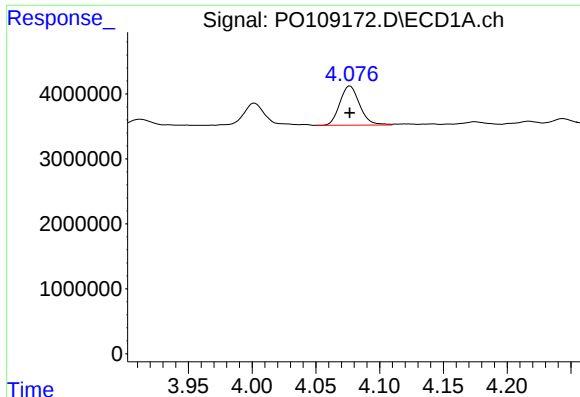
#10 AR-1221-3

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 6515682
Conc: 31.32 ng/ml



#10 AR-1221-3

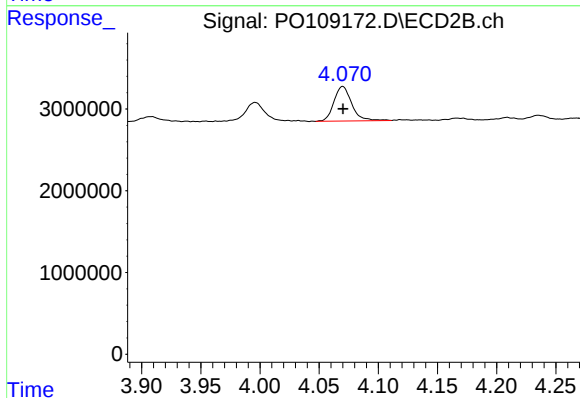
R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 4450514
Conc: 30.66 ng/ml



#11 AR-1232-1

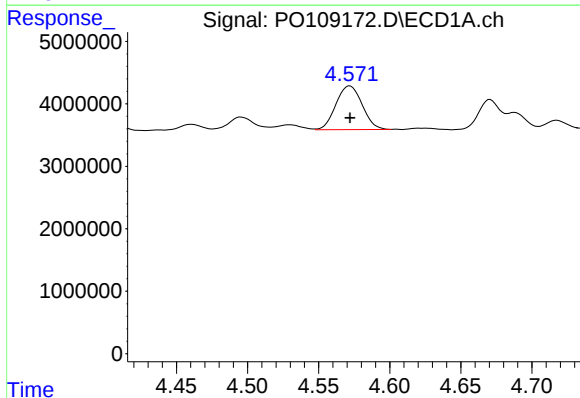
R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 6515682
Conc: 39.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



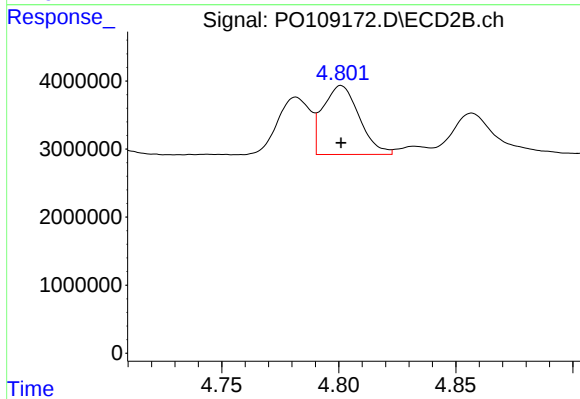
#11 AR-1232-1

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 4450514
Conc: 38.53 ng/ml



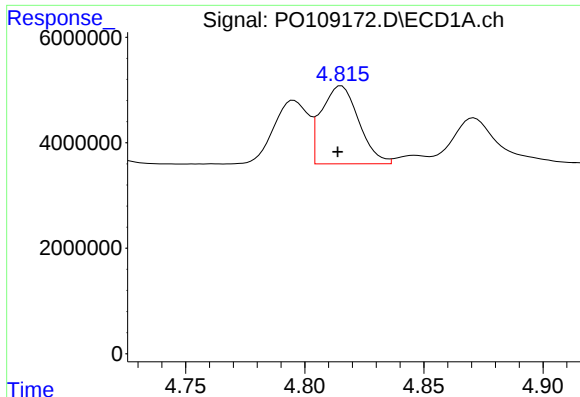
#12 AR-1232-2

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 8989677
Conc: 98.81 ng/ml



#12 AR-1232-2

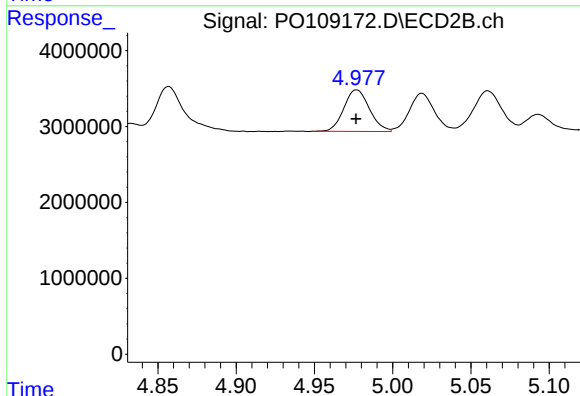
R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 10906214
Conc: 100.14 ng/ml



#13 AR-1232-3

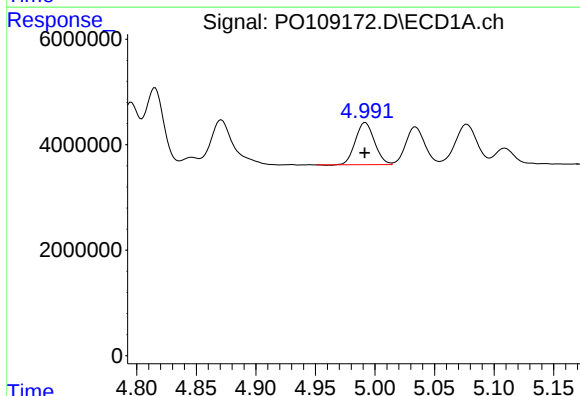
R.T.: 4.815 min
Delta R.T.: 0.002 min
Response: 16124631
Conc: 100.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



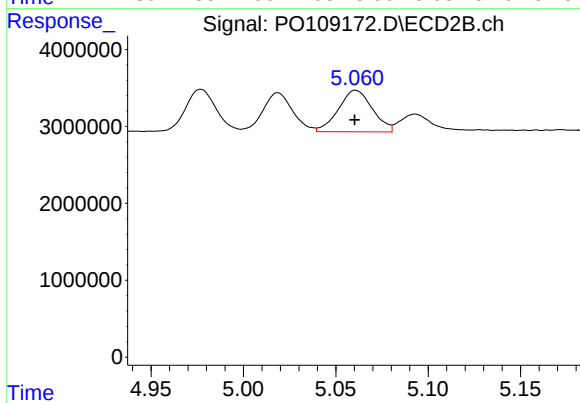
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 6218758
Conc: 103.70 ng/ml



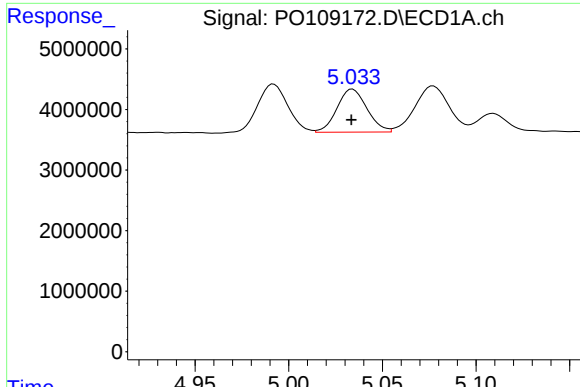
#14 AR-1232-4

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 8890050
Conc: 101.02 ng/ml



#14 AR-1232-4

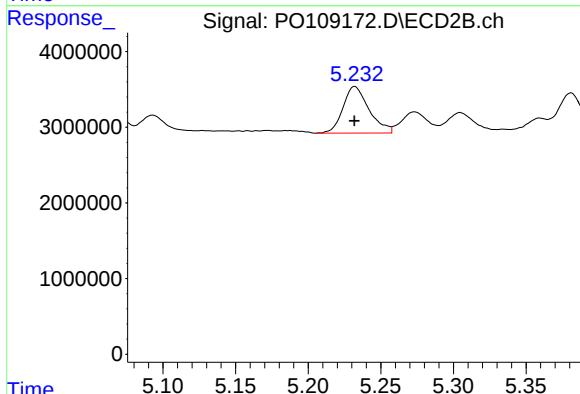
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 6909563
Conc: 120.67 ng/ml



#15 AR-1232-5

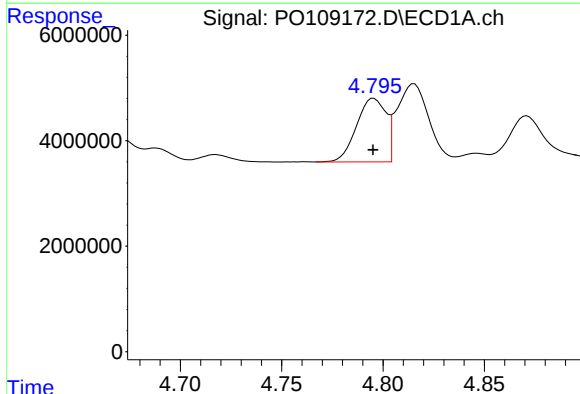
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 7893746
Conc: 121.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



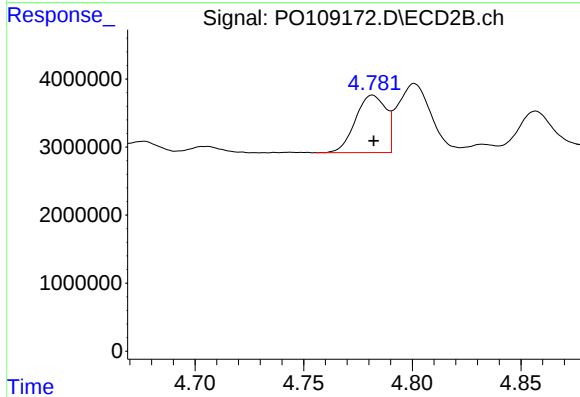
#15 AR-1232-5

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 7684352
Conc: 126.65 ng/ml



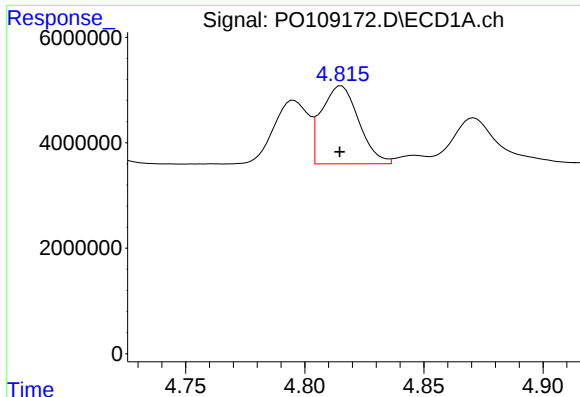
#16 AR-1242-1

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 12151350
Conc: 57.20 ng/ml



#16 AR-1242-1

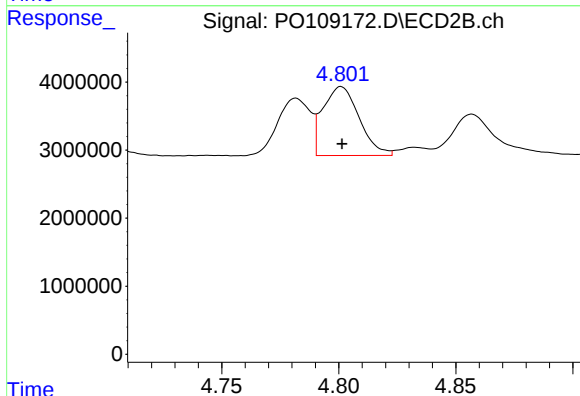
R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 8205555
Conc: 57.42 ng/ml



#17 AR-1242-2

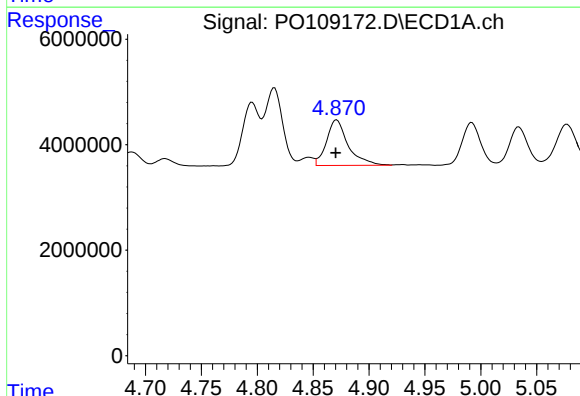
R.T.: 4.815 min
Delta R.T.: 0.000 min
Response: 16124631
Conc: 56.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



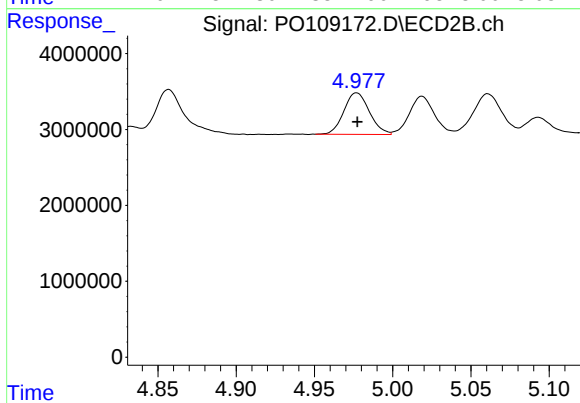
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 10906214
Conc: 55.30 ng/ml



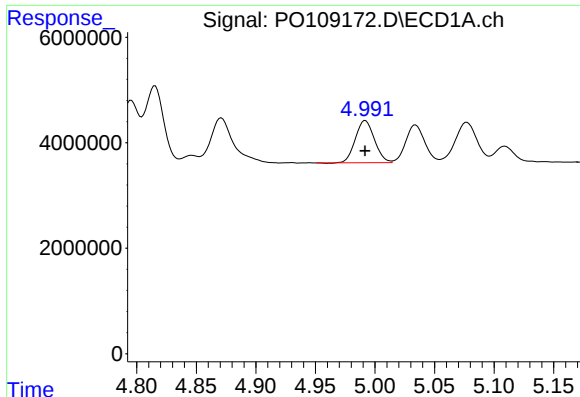
#18 AR-1242-3

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 11638625
Conc: 56.85 ng/ml



#18 AR-1242-3

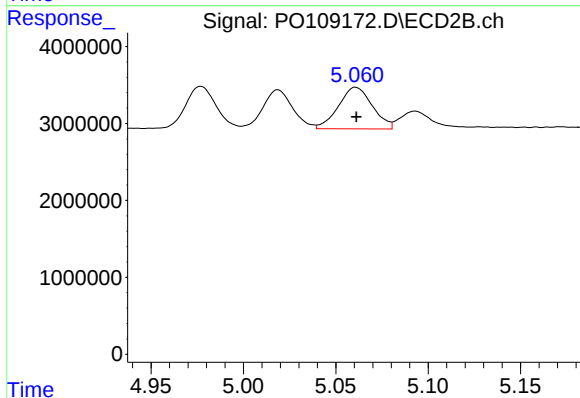
R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 6218758
Conc: 57.03 ng/ml



#19 AR-1242-4

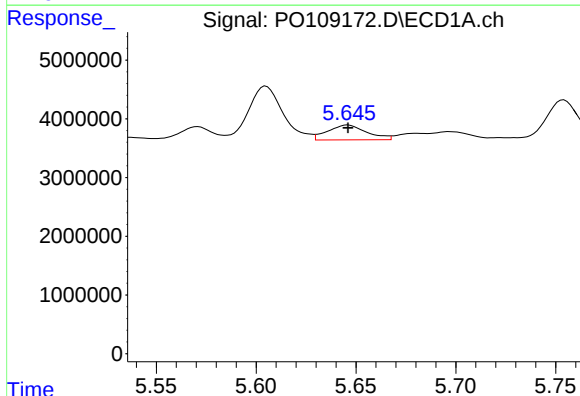
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 8890050
Conc: 55.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



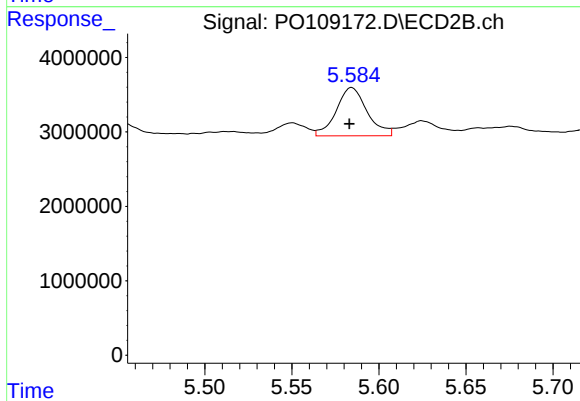
#19 AR-1242-4

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 6909563
Conc: 60.80 ng/ml



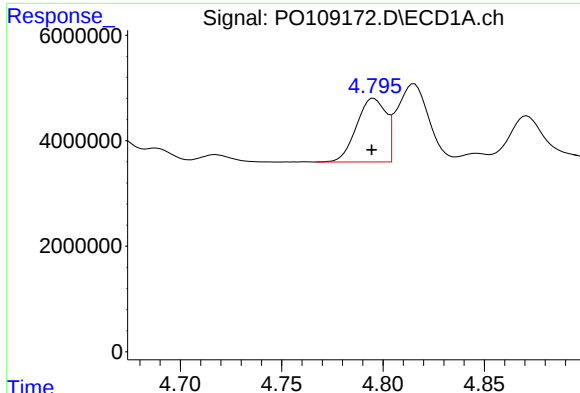
#20 AR-1242-5

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 3464295
Conc: 20.74 ng/ml



#20 AR-1242-5

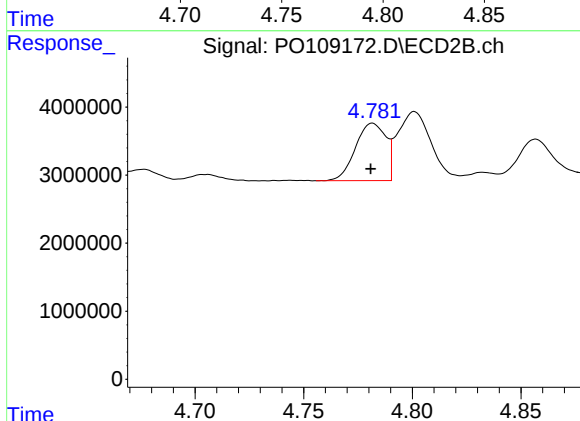
R.T.: 5.584 min
Delta R.T.: 0.001 min
Response: 8001452
Conc: 58.50 ng/ml



#21 AR-1248-1

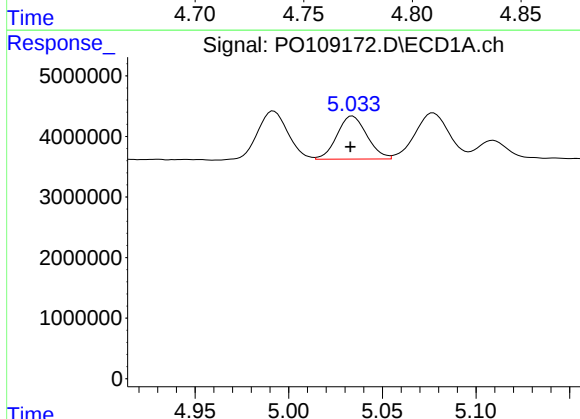
R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 12151350
Conc: 76.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



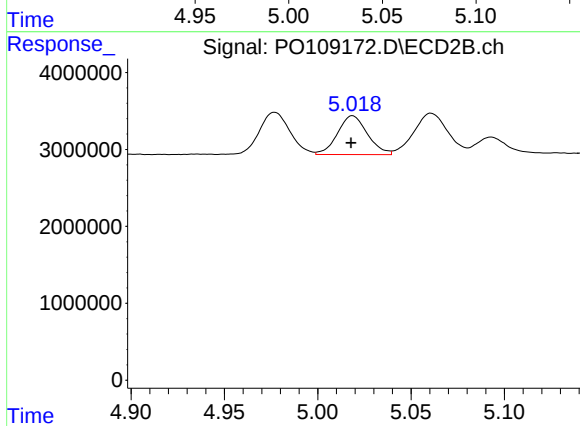
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 8205555
Conc: 76.46 ng/ml



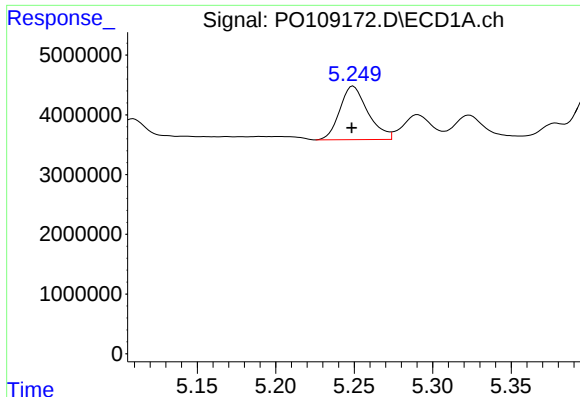
#22 AR-1248-2

R.T.: 5.034 min
Delta R.T.: 0.001 min
Response: 7893746
Conc: 35.32 ng/ml



#22 AR-1248-2

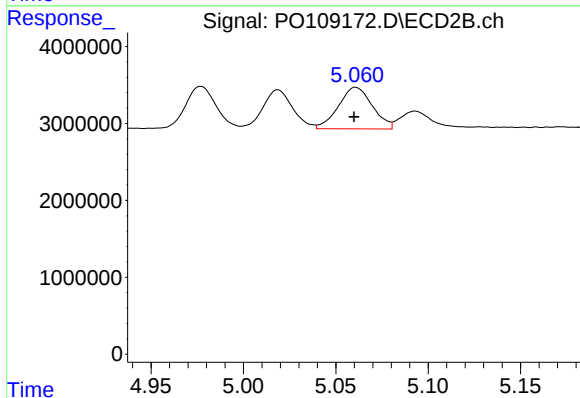
R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 5645206
Conc: 36.66 ng/ml



#23 AR-1248-3

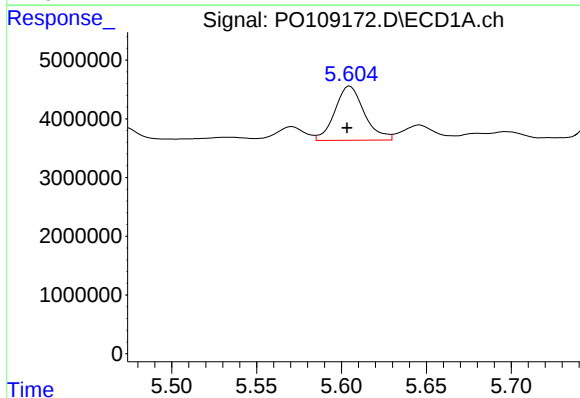
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 11203778
Conc: 40.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



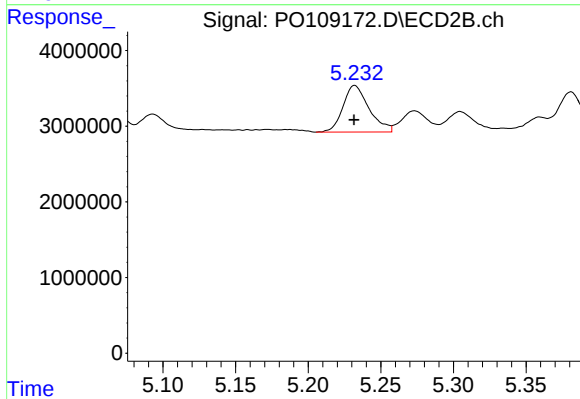
#23 AR-1248-3

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 6909563
Conc: 41.78 ng/ml



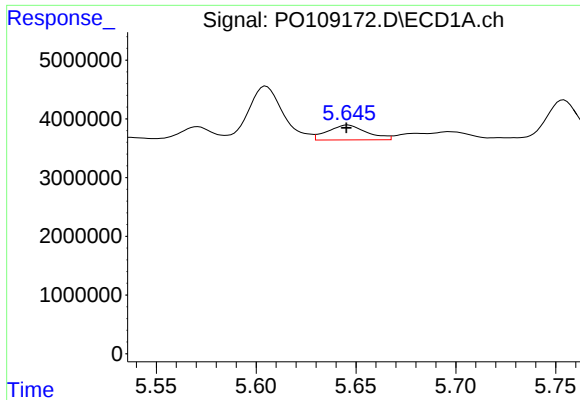
#24 AR-1248-4

R.T.: 5.605 min
Delta R.T.: 0.002 min
Response: 11117453
Conc: 28.91 ng/ml



#24 AR-1248-4

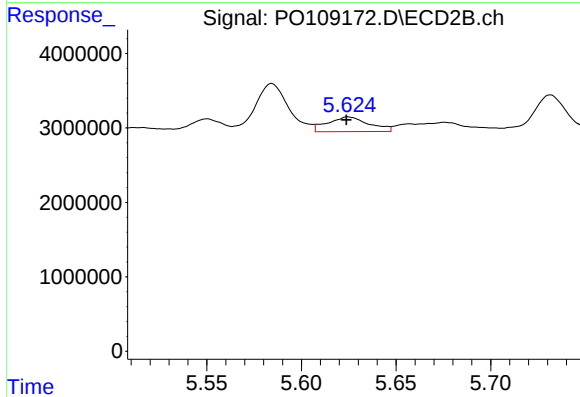
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 7684352
Conc: 40.13 ng/ml



#25 AR-1248-5

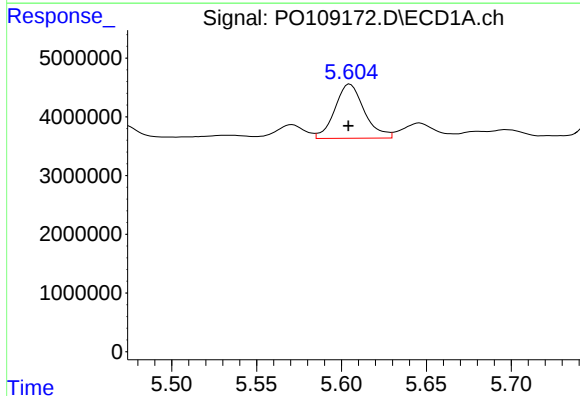
R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 3464295
Conc: 13.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



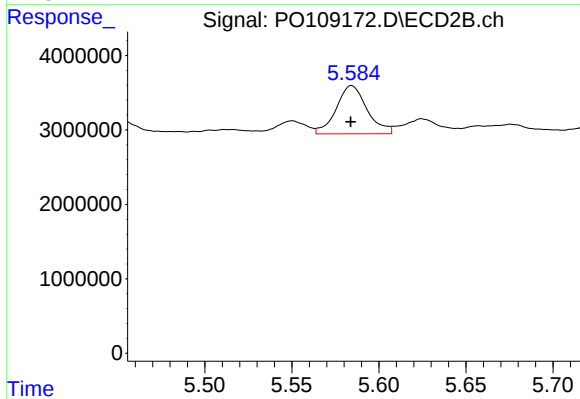
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 3019284
Conc: 16.48 ng/ml



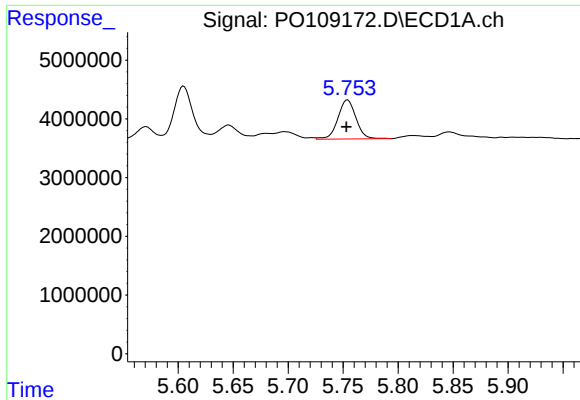
#26 AR-1254-1

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 11117453
Conc: 26.88 ng/ml



#26 AR-1254-1

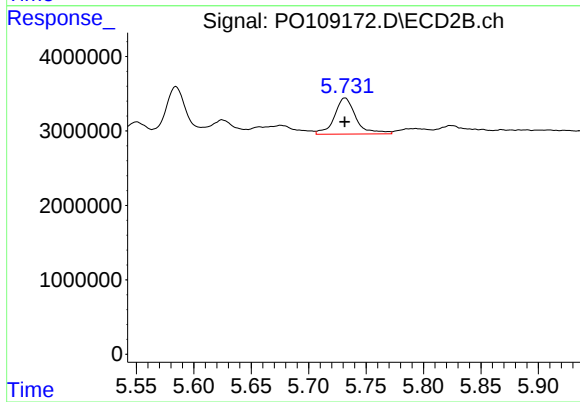
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 8001452
Conc: 28.47 ng/ml



#27 AR-1254-2

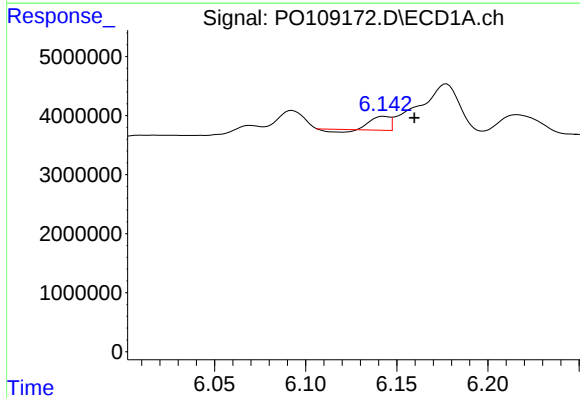
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 7638406
Conc: 21.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



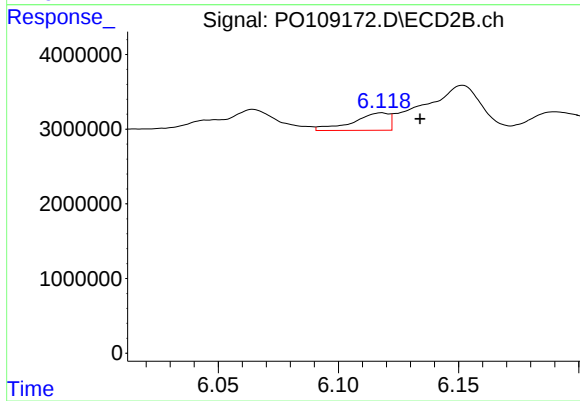
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 6359017
Conc: 25.41 ng/ml



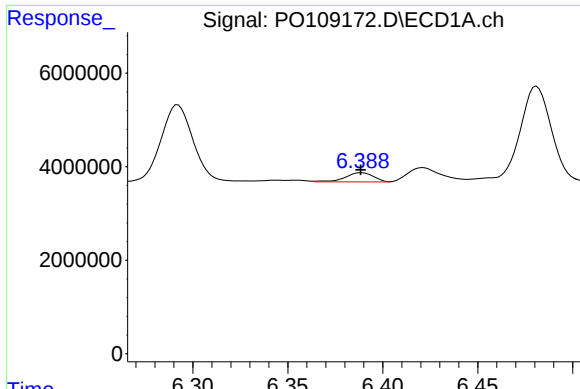
#28 AR-1254-3

R.T.: 6.143 min
Delta R.T.: -0.017 min
Response: 1418099
Conc: 2.51 ng/ml



#28 AR-1254-3

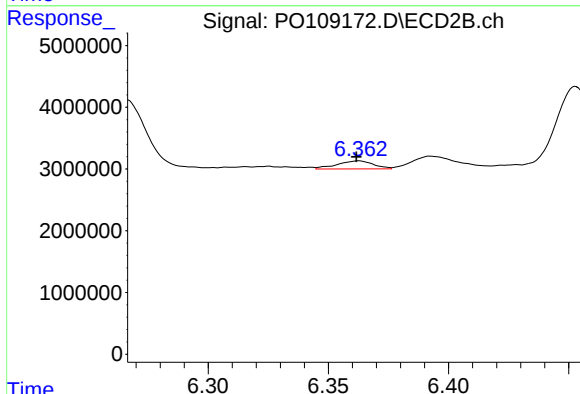
R.T.: 6.118 min
Delta R.T.: -0.016 min
Response: 2458285
Conc: 6.26 ng/ml



#29 AR-1254-4

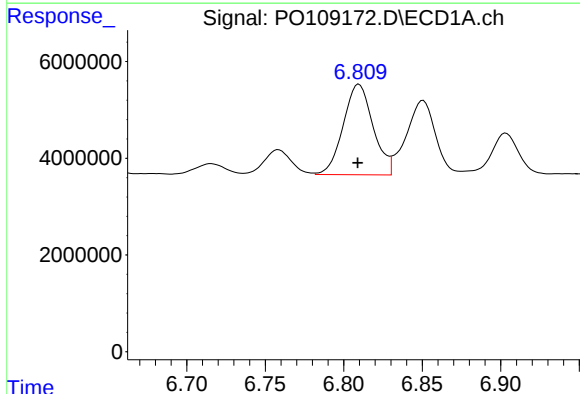
R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 2021422
Conc: 5.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



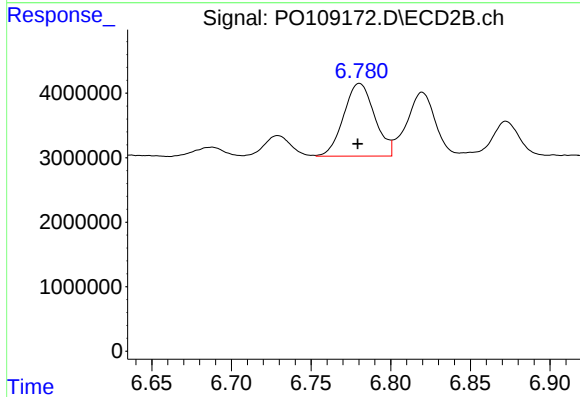
#29 AR-1254-4

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 1377058
Conc: 6.25 ng/ml



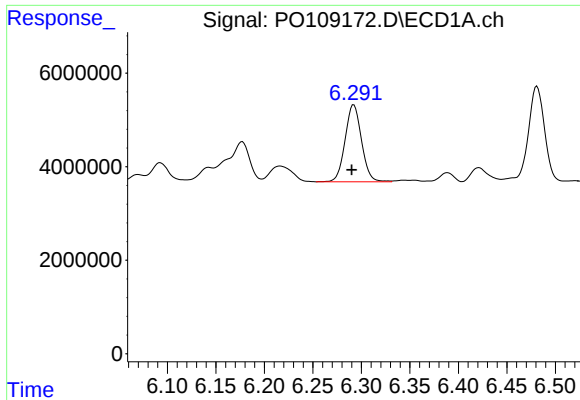
#30 AR-1254-5

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 24793929
Conc: 48.32 ng/ml



#30 AR-1254-5

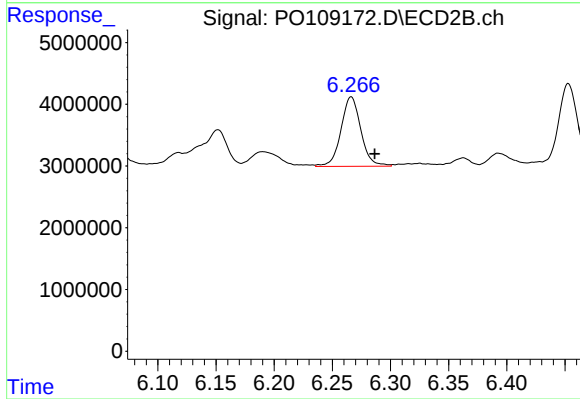
R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 15241139
Conc: 46.65 ng/ml



#31 AR-1260-1

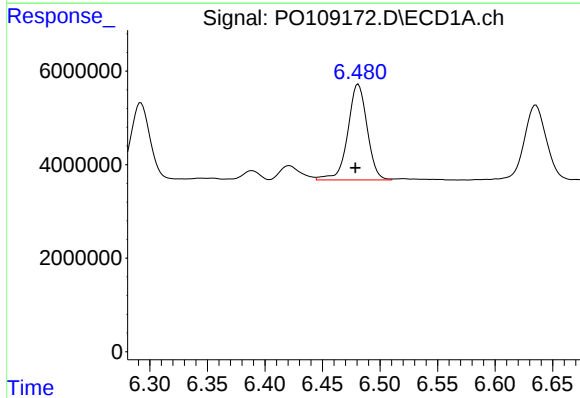
R.T.: 6.292 min
Delta R.T.: 0.002 min
Response: 19405399
Conc: 50.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



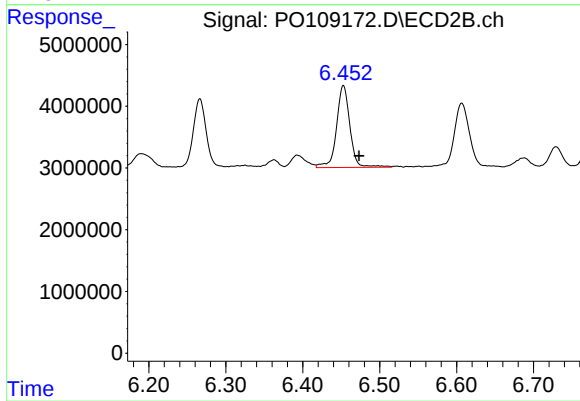
#31 AR-1260-1

R.T.: 6.266 min
Delta R.T.: -0.020 min
Response: 13393229
Conc: 53.14 ng/ml



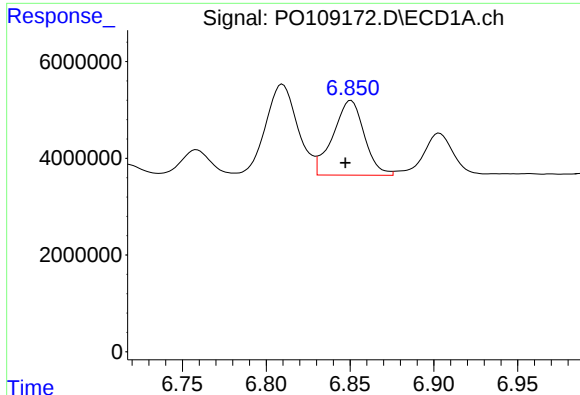
#32 AR-1260-2

R.T.: 6.481 min
Delta R.T.: 0.002 min
Response: 24150868
Conc: 51.43 ng/ml



#32 AR-1260-2

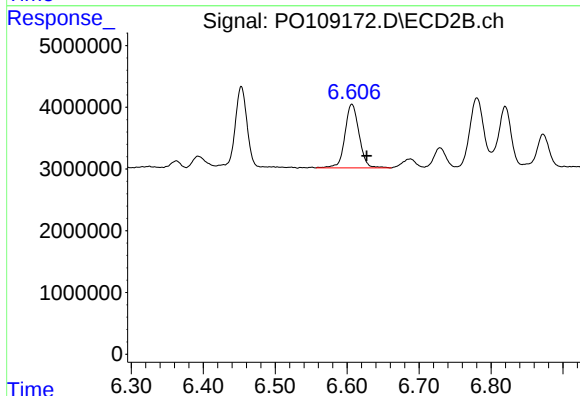
R.T.: 6.453 min
Delta R.T.: -0.020 min
Response: 16004980
Conc: 53.21 ng/ml



#33 AR-1260-3

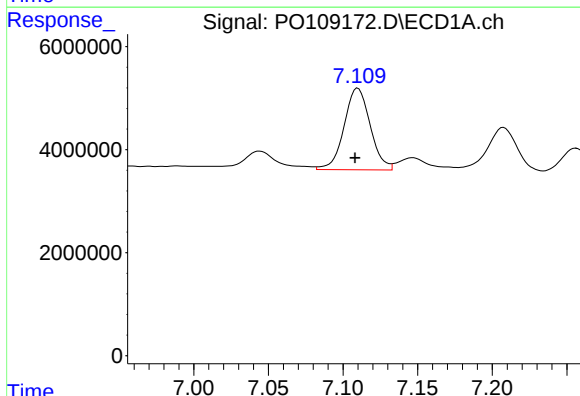
R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 20122525
Conc: 51.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



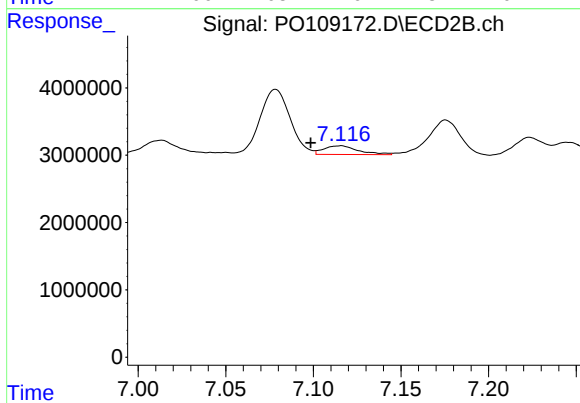
#33 AR-1260-3

R.T.: 6.607 min
Delta R.T.: -0.020 min
Response: 14102224
Conc: 50.66 ng/ml



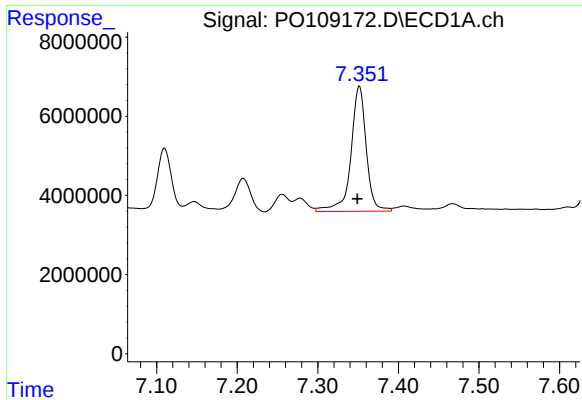
#34 AR-1260-4

R.T.: 7.110 min
Delta R.T.: 0.002 min
Response: 19360586
Conc: 54.09 ng/ml



#34 AR-1260-4

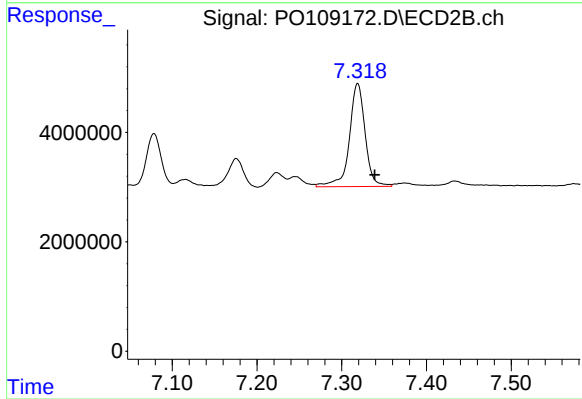
R.T.: 7.116 min
Delta R.T.: 0.017 min
Response: 1767690
Conc: 7.83 ng/ml



#35 AR-1260-5

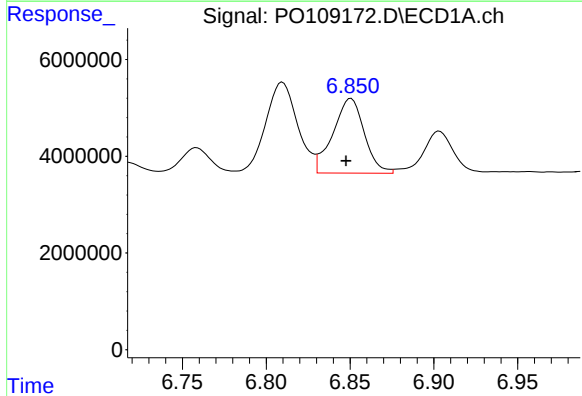
R.T.: 7.352 min
Delta R.T.: 0.003 min
Response: 41931308
Conc: 50.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



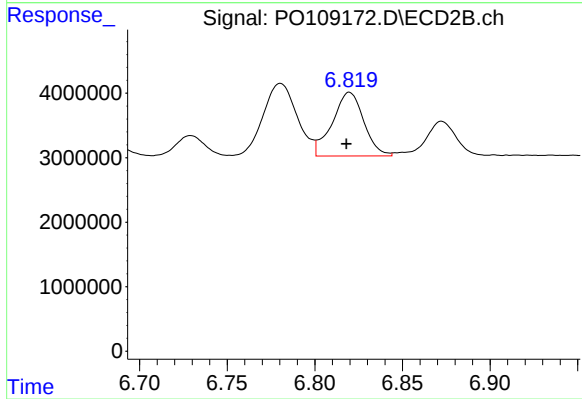
#35 AR-1260-5

R.T.: 7.319 min
Delta R.T.: -0.020 min
Response: 24381437
Conc: 48.70 ng/ml



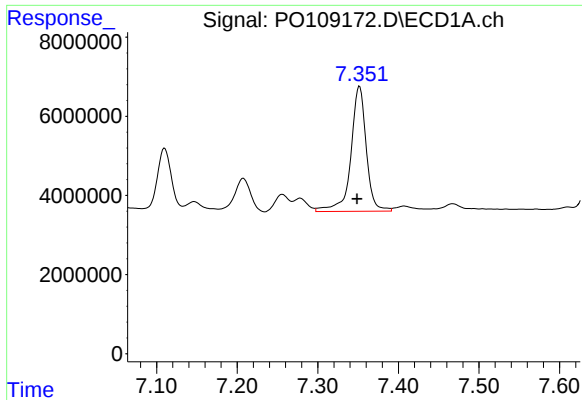
#36 AR-1262-1

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 20122525
Conc: 37.68 ng/ml



#36 AR-1262-1

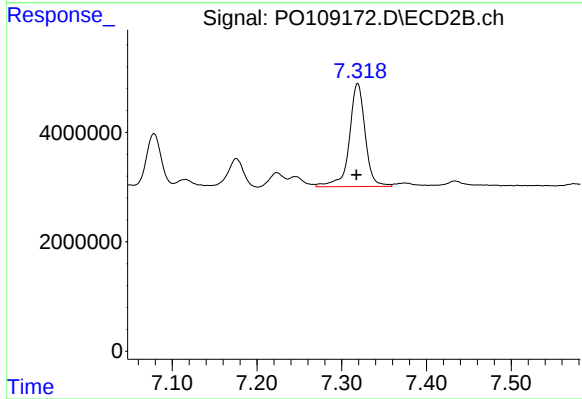
R.T.: 6.820 min
Delta R.T.: 0.002 min
Response: 12333217
Conc: 36.24 ng/ml



#37 AR-1262-2

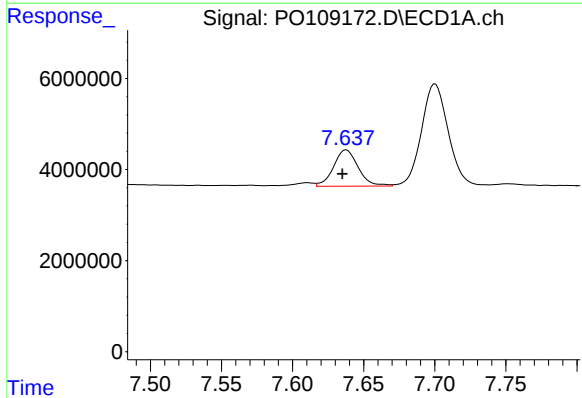
R.T.: 7.352 min
Delta R.T.: 0.003 min
Response: 41931308
Conc: 45.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



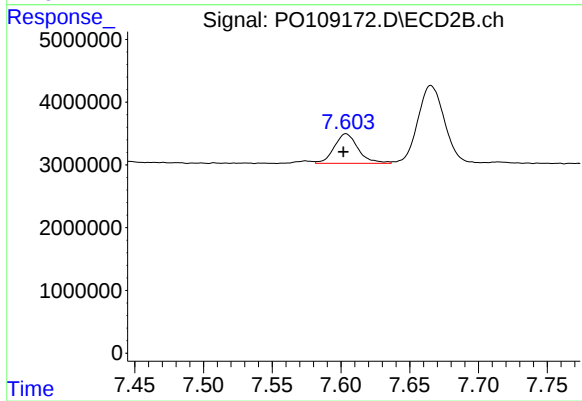
#37 AR-1262-2

R.T.: 7.319 min
Delta R.T.: 0.002 min
Response: 24381437
Conc: 43.96 ng/ml



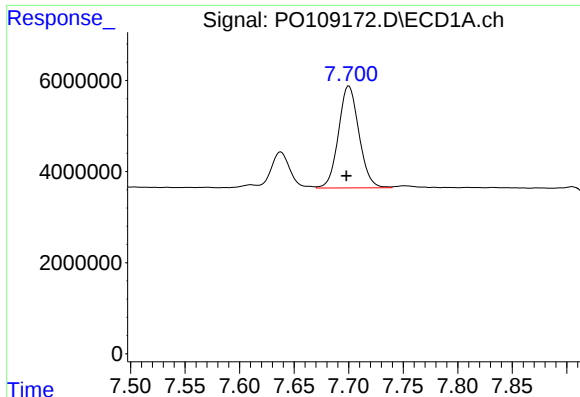
#38 AR-1262-3

R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 9630637
Conc: 26.42 ng/ml



#38 AR-1262-3

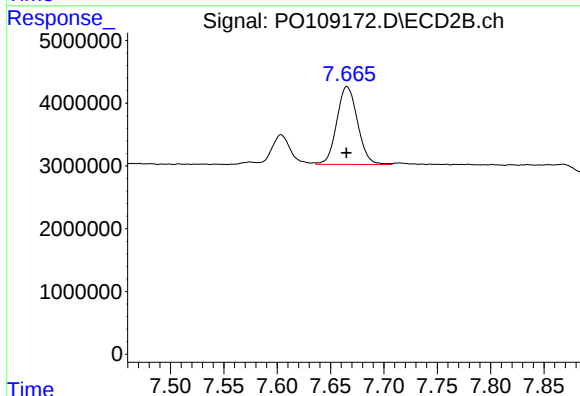
R.T.: 7.604 min
Delta R.T.: 0.002 min
Response: 5743427
Conc: 26.78 ng/ml



#39 AR-1262-4

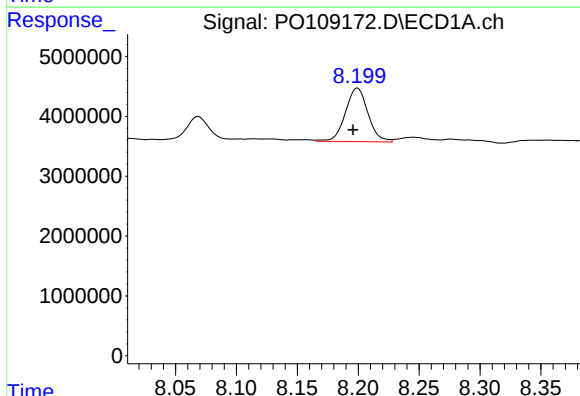
R.T.: 7.700 min
Delta R.T.: 0.002 min
Response: 29273194
Conc: 42.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



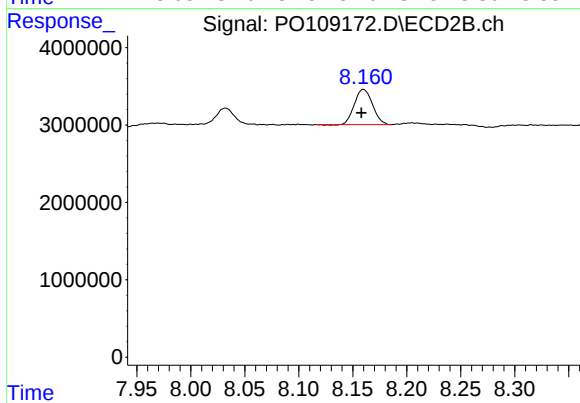
#39 AR-1262-4

R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 16796820
Conc: 42.86 ng/ml



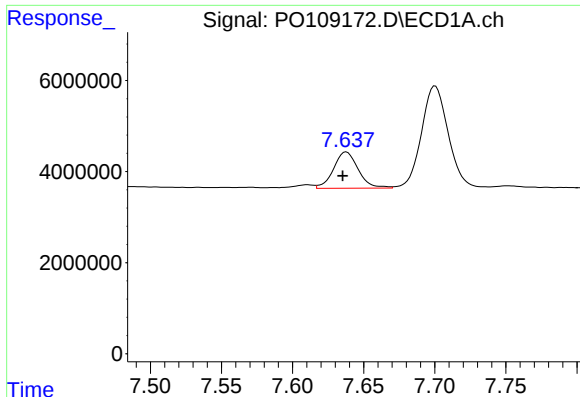
#40 AR-1262-5

R.T.: 8.200 min
Delta R.T.: 0.004 min
Response: 11518930
Conc: 38.13 ng/ml



#40 AR-1262-5

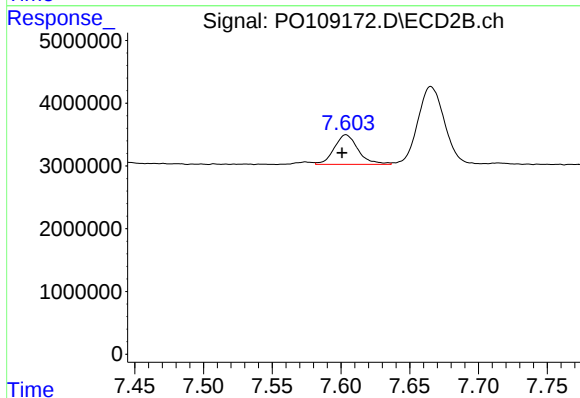
R.T.: 8.160 min
Delta R.T.: 0.002 min
Response: 5320596
Conc: 33.37 ng/ml



#41 AR-1268-1

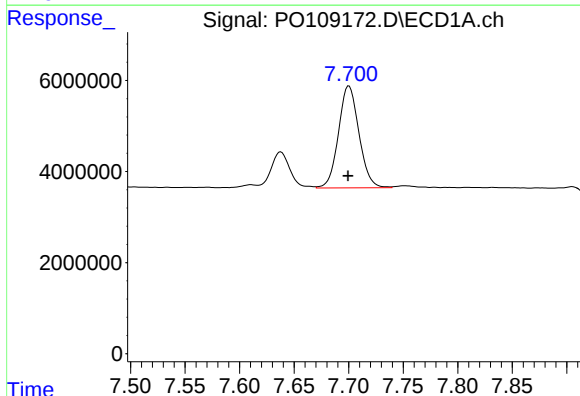
R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 9630637
Conc: 9.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



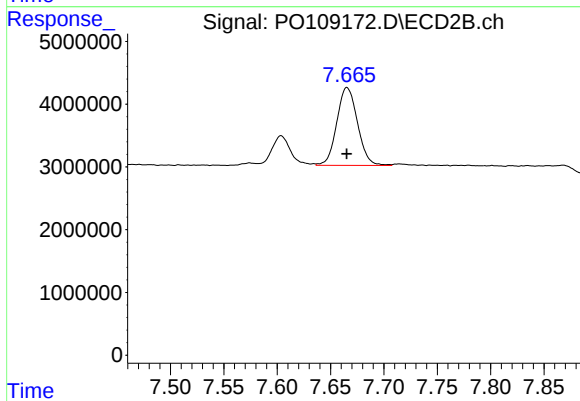
#41 AR-1268-1

R.T.: 7.604 min
Delta R.T.: 0.003 min
Response: 5743427
Conc: 9.12 ng/ml



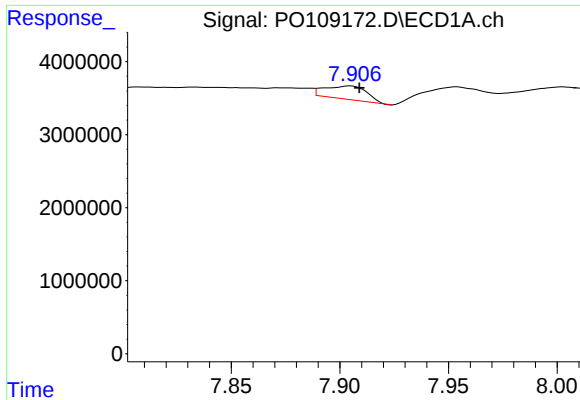
#42 AR-1268-2

R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 29273194
Conc: 30.21 ng/ml



#42 AR-1268-2

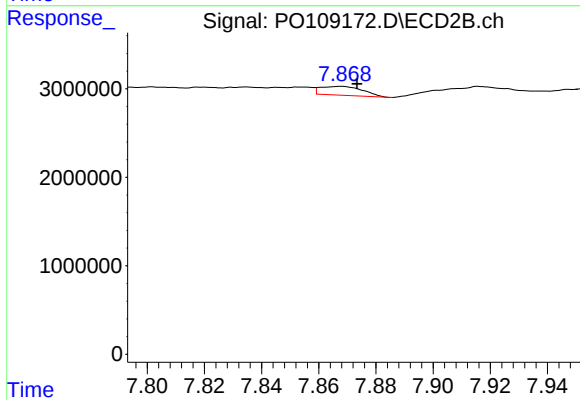
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 16796820
Conc: 29.41 ng/ml



#43 AR-1268-3

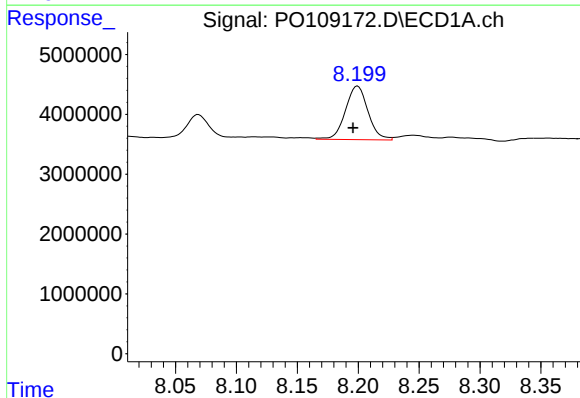
R.T.: 7.905 min
Delta R.T.: -0.004 min
Response: 2464080
Conc: 3.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



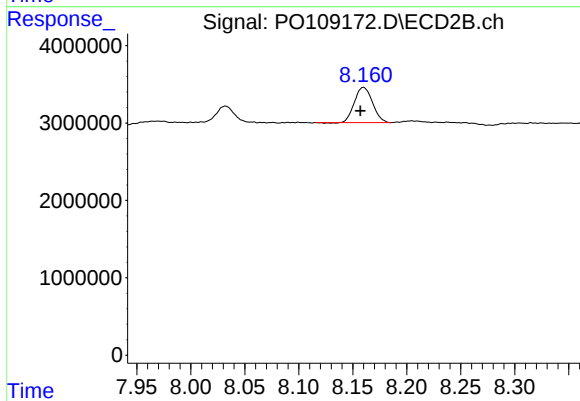
#43 AR-1268-3

R.T.: 7.868 min
Delta R.T.: -0.006 min
Response: 1037238
Conc: 2.25 ng/ml



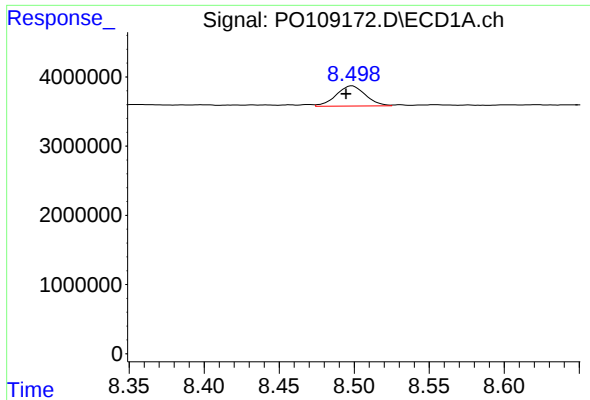
#44 AR-1268-4

R.T.: 8.200 min
Delta R.T.: 0.004 min
Response: 11518930
Conc: 33.63 ng/ml



#44 AR-1268-4

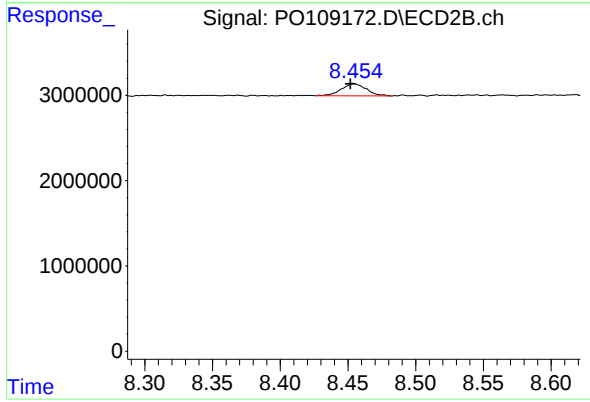
R.T.: 8.160 min
Delta R.T.: 0.003 min
Response: 5320596
Conc: 29.48 ng/ml



#45 AR-1268-5

R.T.: 8.499 min
Delta R.T.: 0.004 min
Response: 3962239
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.454 min
Delta R.T.: 0.003 min
Response: 1848527
Conc: 1.54 ng/ml