

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020425\
 Data File : P0109413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 10:59
 Operator : YP/AJ
 Sample : Q1232-19RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 01:45:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0020325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 04 08:55:57 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...	3.698	3.694	184.9E6	117.4E6	24.398	21.981
2)	SA Decachlor...	8.756	8.707	125.4E6	64682266	19.354	20.756
Target Compounds							
3)	L1 AR-1016-1	4.787	4.773	9044563	11247218	35.429	66.986 #
4)	L1 AR-1016-2	4.828	4.813	22902238	19858192	66.871	85.574 #
5)	L1 AR-1016-3	4.865	4.992	4630303	10068259	19.096	78.653 #
6)	L1 AR-1016-4	5.008	5.015	13911627	6309327	72.413	57.467
7)	L1 AR-1016-5	5.242	5.223	3323268	4846373	16.182	34.548 #
8)	L2 AR-1221-1	3.918	3.892	2603183	2167833	26.690	33.303
9)	L2 AR-1221-2	4.000	3.994	16912645	5169197	228.712	104.095 #
10)	L2 AR-1221-3	4.061	4.054	7629694	2553292	36.794	17.430 #
11)	L3 AR-1232-1	4.061	4.054	7629694	2553292	46.064	22.259 #
12)	L3 AR-1232-2	4.574	4.813	597709	19858192	6.629	184.812 #
13)	L3 AR-1232-3	4.828	4.992	22902238	10068259	143.397	170.305
14)	L3 AR-1232-4	5.008	5.083	13911627	11350874	156.431	202.210 #
15)	L3 AR-1232-5	5.031	5.223	9108661	4846373	140.971	80.667 #
16)	L4 AR-1242-1	4.787	4.773	9044563	11247218	42.185	79.719 #
17)	L4 AR-1242-2	4.828	4.813	22902238	19858192	79.913	102.141 #
18)	L4 AR-1242-3	4.865	4.992	4630303	10068259	22.749	93.611 #
19)	L4 AR-1242-4	5.008	5.083	13911627	11350874	86.673	100.687
20)	L4 AR-1242-5	5.648	5.587	10775734	36068427	63.826	270.763 #
21)	L5 AR-1248-1	4.787	4.773	9044563	11247218	56.284	105.421 #
22)	L5 AR-1248-2	5.031	5.015	9108661	6309327	40.602	41.488
23)	L5 AR-1248-3	5.242	5.083	3323268	11350874	12.137	69.947 #
24)	L5 AR-1248-4	5.608	5.223	46109550	4846373	120.660	25.930 #
25)	L5 AR-1248-5	5.648	5.627	10775734	9207657	40.324	51.206 #
26)	L6 AR-1254-1	5.608	5.587	46109550	36068427	109.986	129.130
27)	L6 AR-1254-2	5.751	5.728	20153824	16123279	53.979	64.503
28)	L6 AR-1254-3	6.157	6.130	47036160	34854081	78.681	90.190
29)	L6 AR-1254-4	6.384	6.356	10925745	6622767	32.304	31.776
30)	L6 AR-1254-5	6.805	6.775	67230801	45901505	131.322	142.072
31)	L7 AR-1260-1	6.288	6.261	29205762	20871667	78.240	84.460
32)	L7 AR-1260-2	6.477	6.448	21294082	12835623	46.479	43.946
33)	L7 AR-1260-3	6.844	6.602	14210407	11105365	37.103	39.048
34)	L7 AR-1260-4	7.106	7.073	12699600	9255326	36.262	42.027
35)	L7 AR-1260-5	7.347	7.313	37293240	19299510	45.726	39.328
36)	L8 AR-1262-1	6.844	6.813	14210407	7955306	26.763	24.051
37)	L8 AR-1262-2	7.347	7.313	37293240	19299510	40.515	35.705
38)	L8 AR-1262-3	7.632	7.597	8133238	4314249	22.579	19.750
39)	L8 AR-1262-4	7.695	7.660	22648011	14215997	33.716	37.454
40)	L8 AR-1262-5	8.193	8.154	16228339	2205504	56.753	14.194 #
41)	L9 AR-1268-1	7.632	7.597	8133238	4314249	7.664	7.184

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 Operator : YP/AJ
 Sample : Q1232-19RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

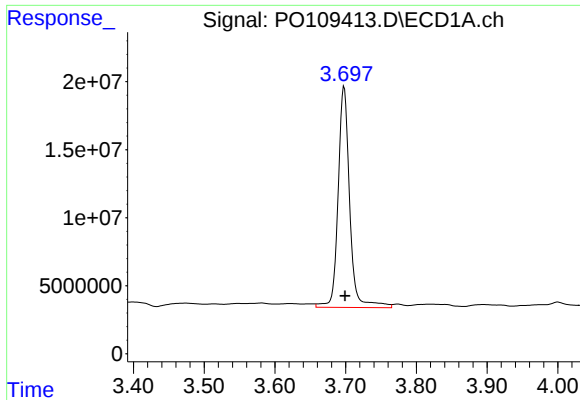
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 01:45:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0020325.M
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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	7.695	7.660	22648011	14215997	23.236	26.000
43) L9	AR-1268-3	7.906	7.869	3186171	819653	3.964	1.866 #
44) L9	AR-1268-4	8.193	8.154	16228339	2205504	47.399	12.736 #
45) L9	AR-1268-5	8.493	8.448	8648626	5145164	3.897	4.447

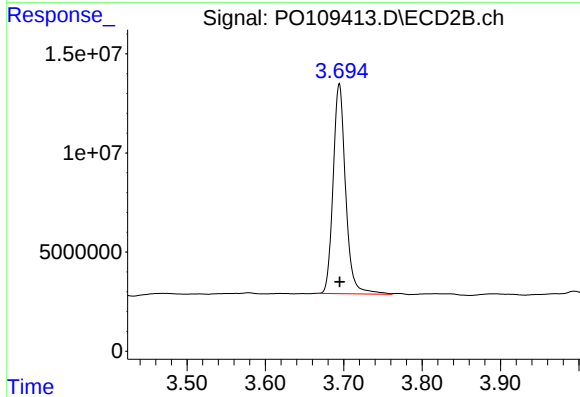
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

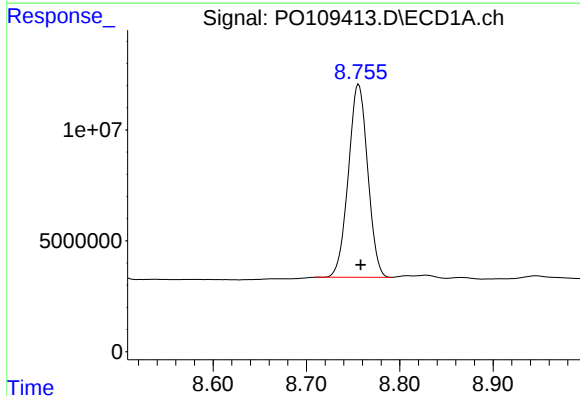
R.T.: 3.698 min
Delta R.T.: -0.001 min
Response: 184910755
Conc: 24.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



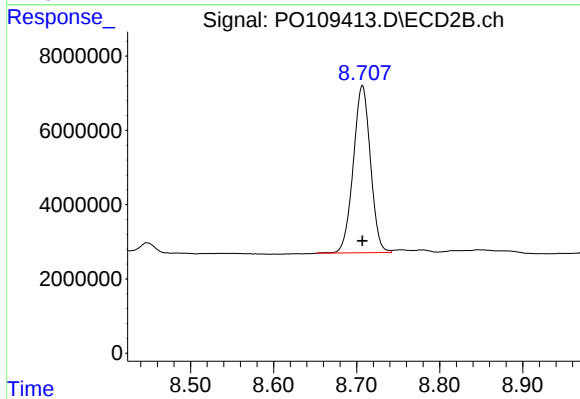
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 117398900
Conc: 21.98 ng/ml



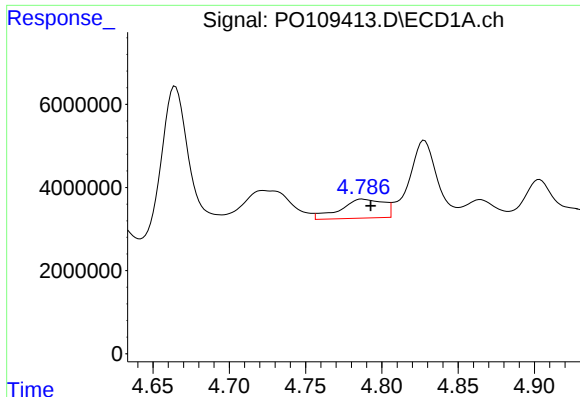
#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.002 min
Response: 125434865
Conc: 19.35 ng/ml



#2 Decachlorobiphenyl

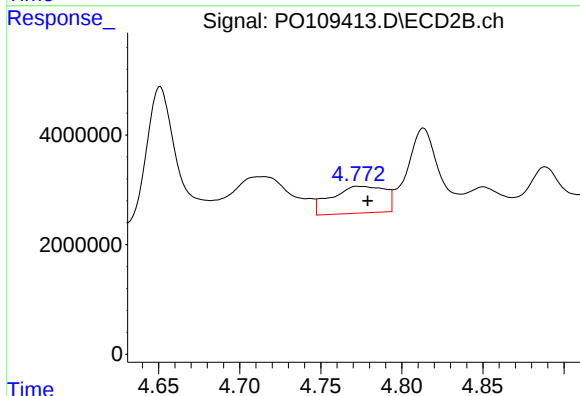
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 64682266
Conc: 20.76 ng/ml



#3 AR-1016-1

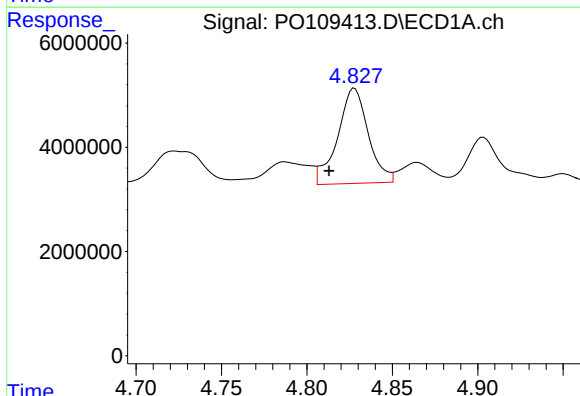
R.T.: 4.787 min
Delta R.T.: -0.006 min
Response: 9044563
Conc: 35.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



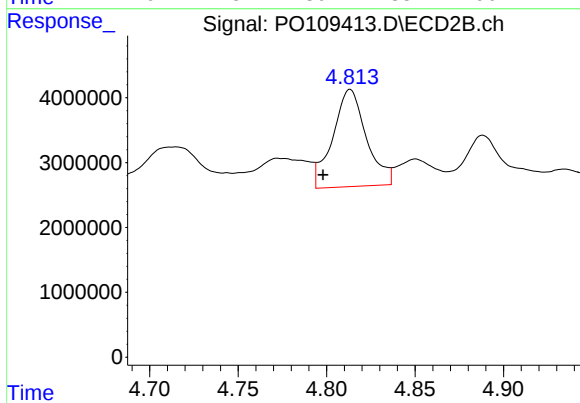
#3 AR-1016-1

R.T.: 4.773 min
Delta R.T.: -0.006 min
Response: 11247218
Conc: 66.99 ng/ml



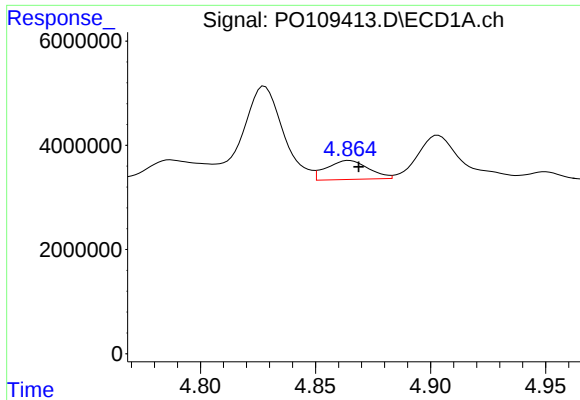
#4 AR-1016-2

R.T.: 4.828 min
Delta R.T.: 0.015 min
Response: 22902238
Conc: 66.87 ng/ml



#4 AR-1016-2

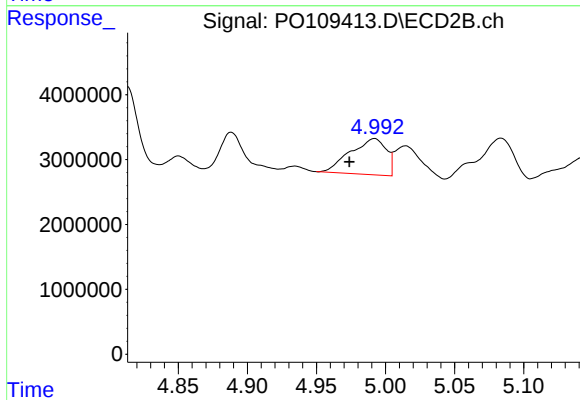
R.T.: 4.813 min
Delta R.T.: 0.015 min
Response: 19858192
Conc: 85.57 ng/ml



#5 AR-1016-3

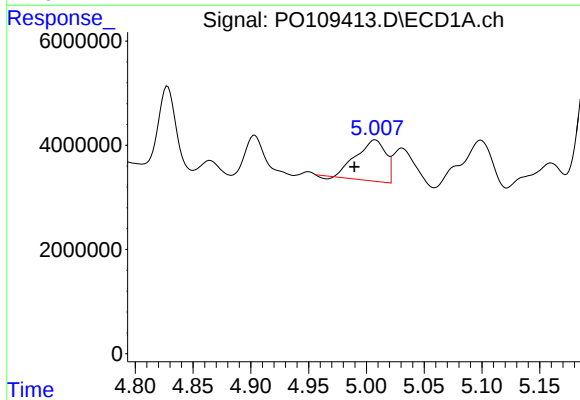
R.T.: 4.865 min
Delta R.T.: -0.004 min
Response: 4630303
Conc: 19.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



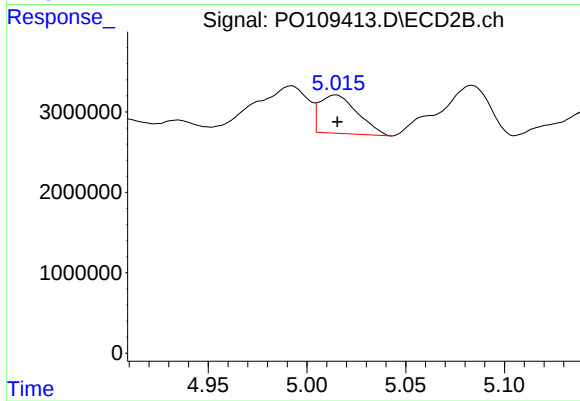
#5 AR-1016-3

R.T.: 4.992 min
Delta R.T.: 0.018 min
Response: 10068259
Conc: 78.65 ng/ml



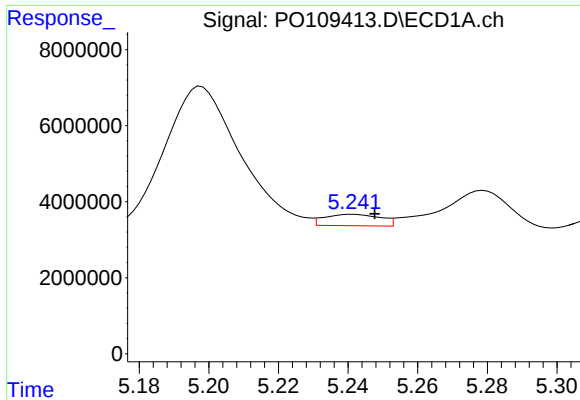
#6 AR-1016-4

R.T.: 5.008 min
Delta R.T.: 0.018 min
Response: 13911627
Conc: 72.41 ng/ml



#6 AR-1016-4

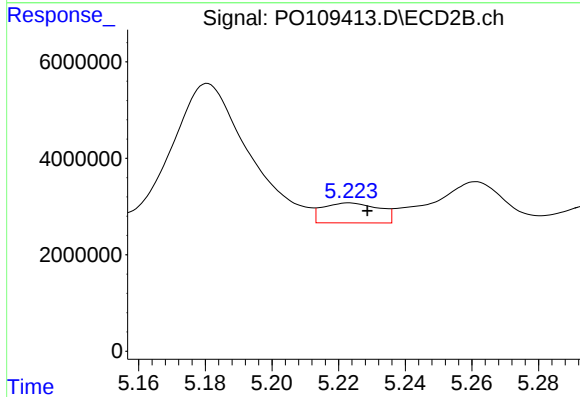
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 6309327
Conc: 57.47 ng/ml



#7 AR-1016-5

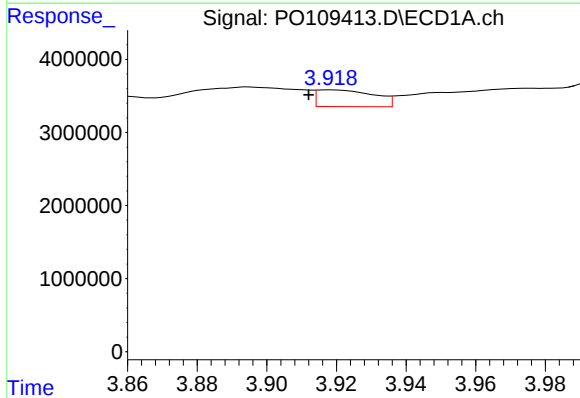
R.T.: 5.242 min
Delta R.T.: -0.006 min
Response: 3323268
Conc: 16.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



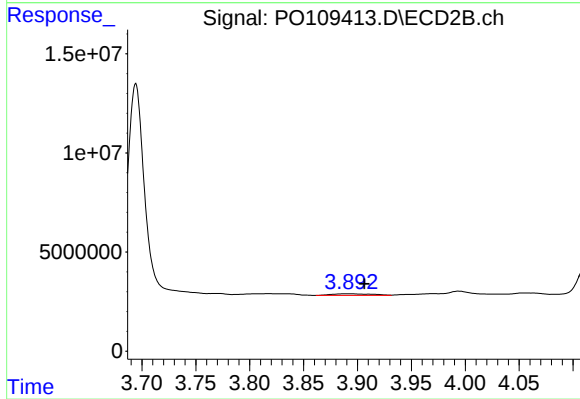
#7 AR-1016-5

R.T.: 5.223 min
Delta R.T.: -0.005 min
Response: 4846373
Conc: 34.55 ng/ml



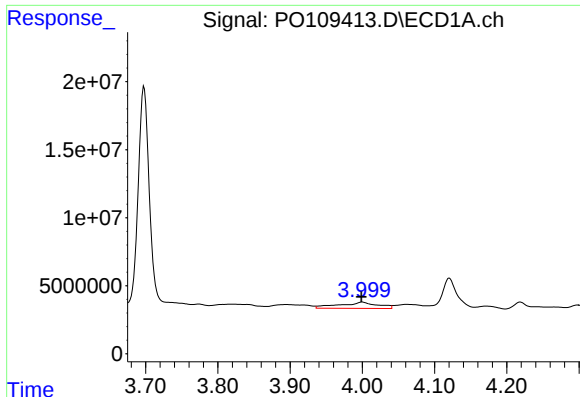
#8 AR-1221-1

R.T.: 3.918 min
Delta R.T.: 0.006 min
Response: 2603183
Conc: 26.69 ng/ml



#8 AR-1221-1

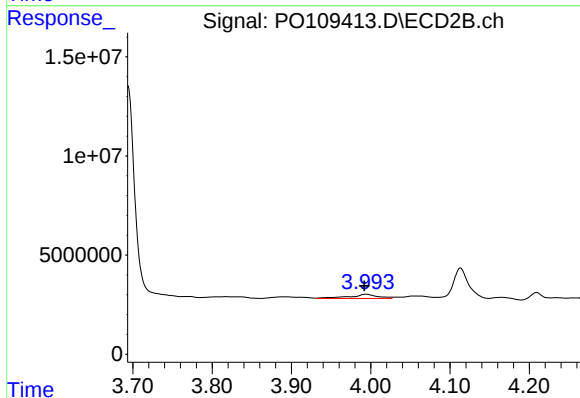
R.T.: 3.892 min
Delta R.T.: -0.015 min
Response: 2167833
Conc: 33.30 ng/ml



#9 AR-1221-2

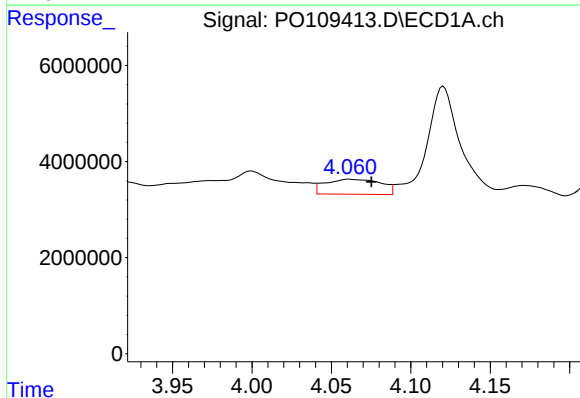
R.T.: 4.000 min
Delta R.T.: 0.001 min
Response: 16912645
Conc: 228.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



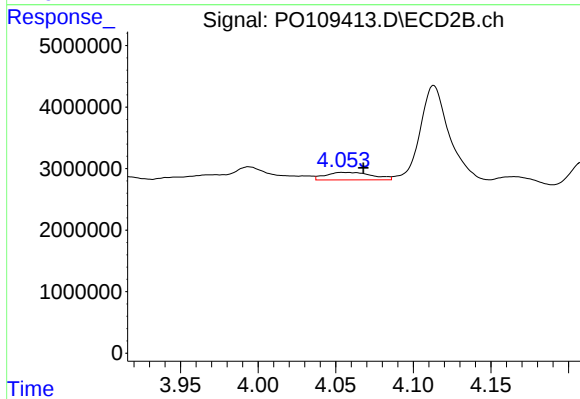
#9 AR-1221-2

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 5169197
Conc: 104.10 ng/ml



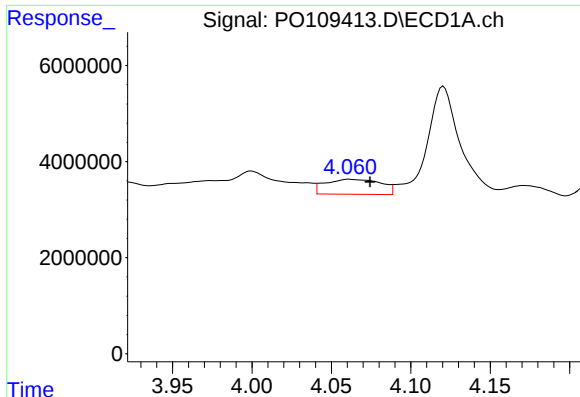
#10 AR-1221-3

R.T.: 4.061 min
Delta R.T.: -0.014 min
Response: 7629694
Conc: 36.79 ng/ml



#10 AR-1221-3

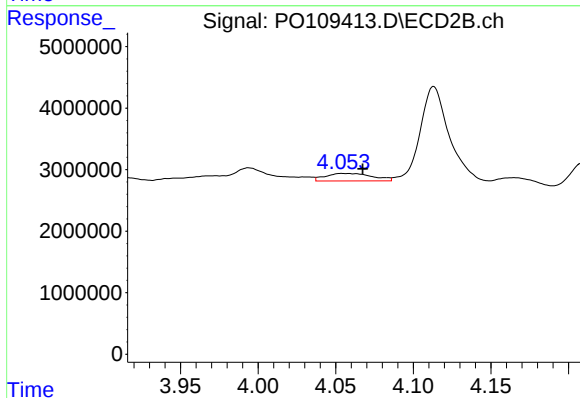
R.T.: 4.054 min
Delta R.T.: -0.014 min
Response: 2553292
Conc: 17.43 ng/ml



#11 AR-1232-1

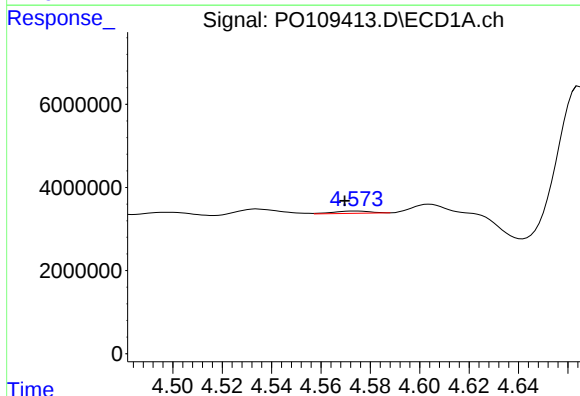
R.T.: 4.061 min
Delta R.T.: -0.013 min
Response: 7629694
Conc: 46.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



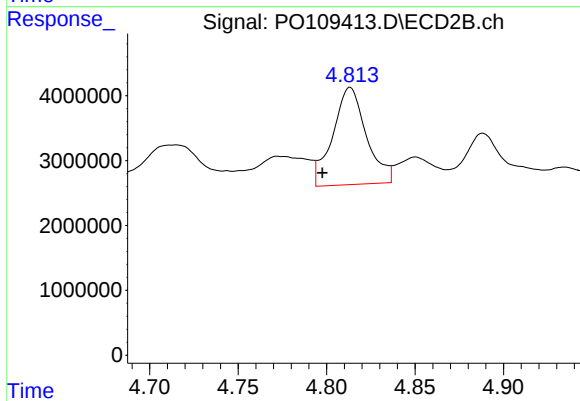
#11 AR-1232-1

R.T.: 4.054 min
Delta R.T.: -0.013 min
Response: 2553292
Conc: 22.26 ng/ml



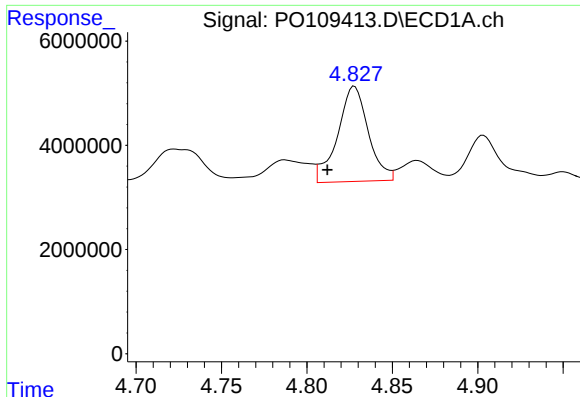
#12 AR-1232-2

R.T.: 4.574 min
Delta R.T.: 0.004 min
Response: 597709
Conc: 6.63 ng/ml



#12 AR-1232-2

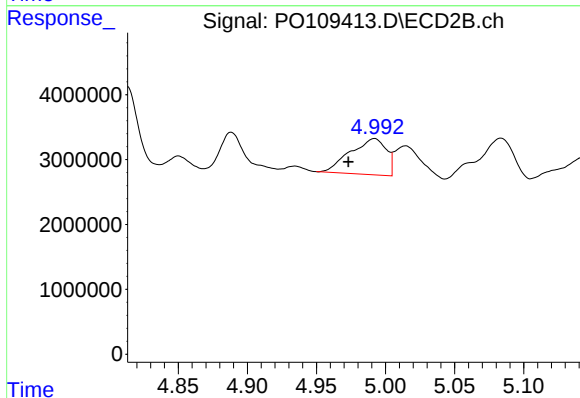
R.T.: 4.813 min
Delta R.T.: 0.016 min
Response: 19858192
Conc: 184.81 ng/ml



#13 AR-1232-3

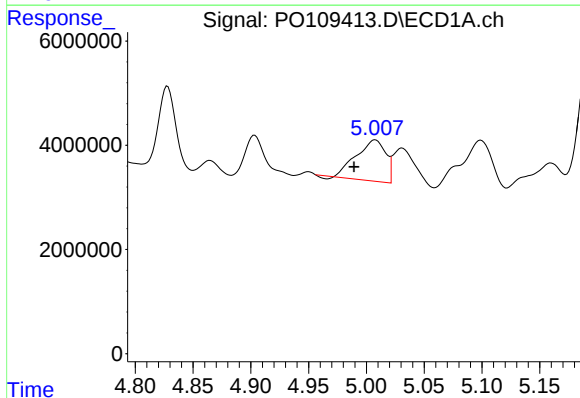
R.T.: 4.828 min
Delta R.T.: 0.016 min
Response: 22902238
Conc: 143.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



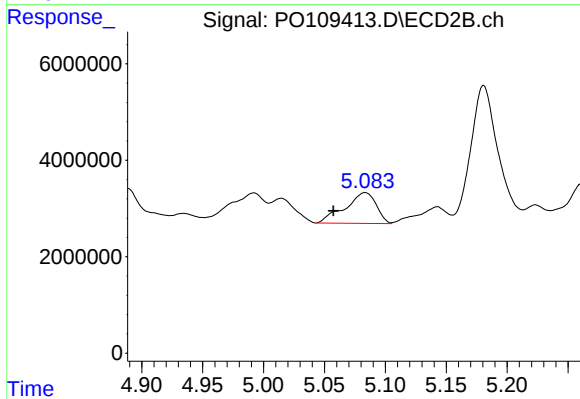
#13 AR-1232-3

R.T.: 4.992 min
Delta R.T.: 0.019 min
Response: 10068259
Conc: 170.30 ng/ml



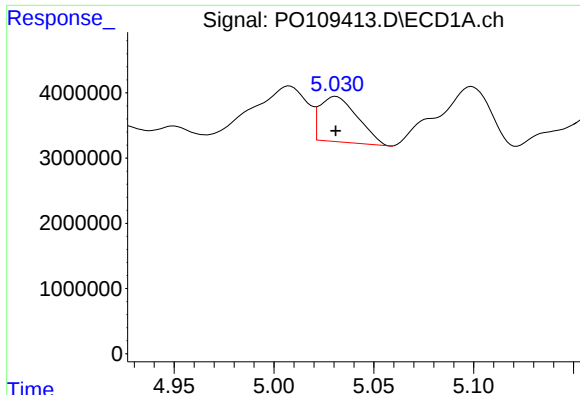
#14 AR-1232-4

R.T.: 5.008 min
Delta R.T.: 0.018 min
Response: 13911627
Conc: 156.43 ng/ml



#14 AR-1232-4

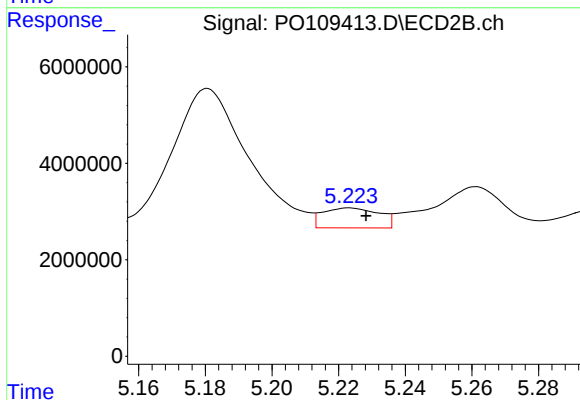
R.T.: 5.083 min
Delta R.T.: 0.026 min
Response: 11350874
Conc: 202.21 ng/ml



#15 AR-1232-5

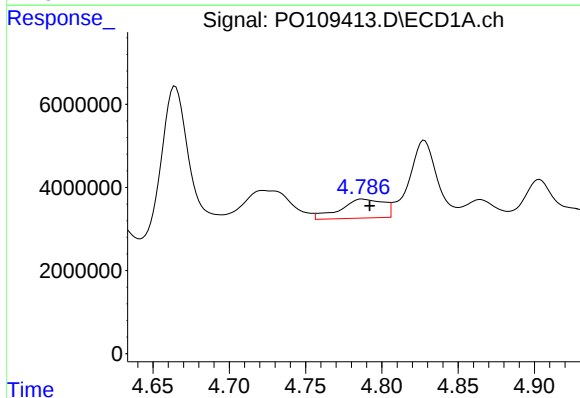
R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 9108661
Conc: 140.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



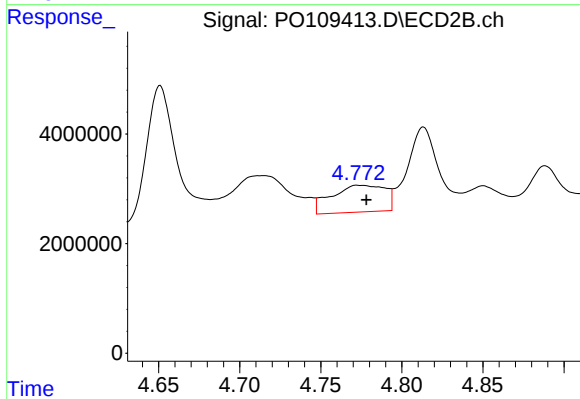
#15 AR-1232-5

R.T.: 5.223 min
Delta R.T.: -0.005 min
Response: 4846373
Conc: 80.67 ng/ml



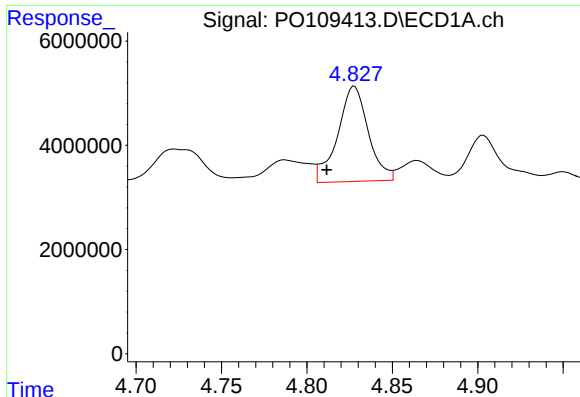
#16 AR-1242-1

R.T.: 4.787 min
Delta R.T.: -0.005 min
Response: 9044563
Conc: 42.19 ng/ml



#16 AR-1242-1

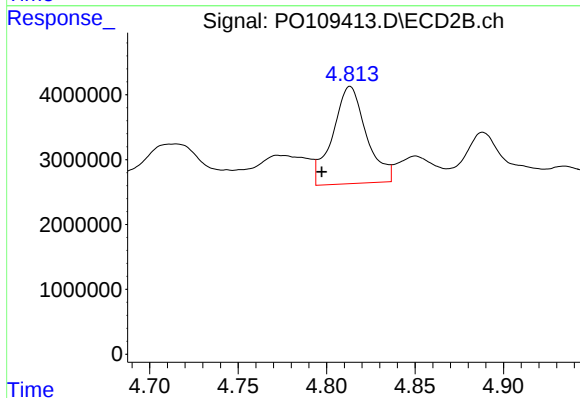
R.T.: 4.773 min
Delta R.T.: -0.005 min
Response: 11247218
Conc: 79.72 ng/ml



#17 AR-1242-2

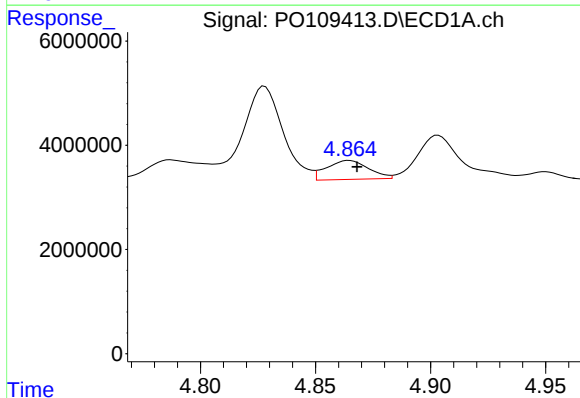
R.T.: 4.828 min
Delta R.T.: 0.016 min
Response: 22902238
Conc: 79.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



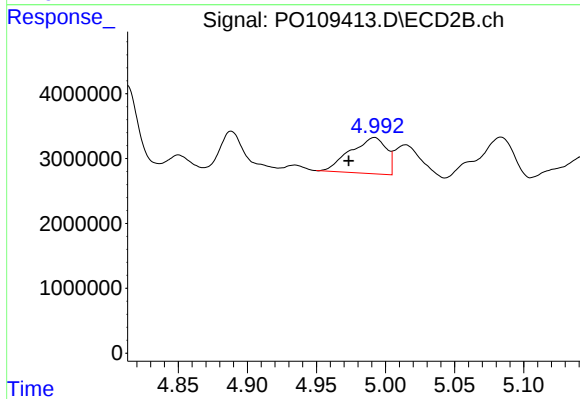
#17 AR-1242-2

R.T.: 4.813 min
Delta R.T.: 0.016 min
Response: 19858192
Conc: 102.14 ng/ml



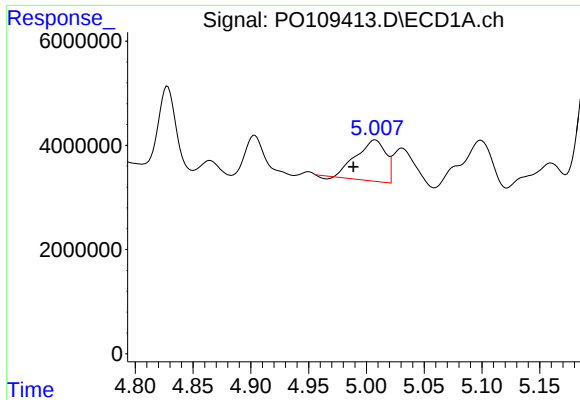
#18 AR-1242-3

R.T.: 4.865 min
Delta R.T.: -0.003 min
Response: 4630303
Conc: 22.75 ng/ml



#18 AR-1242-3

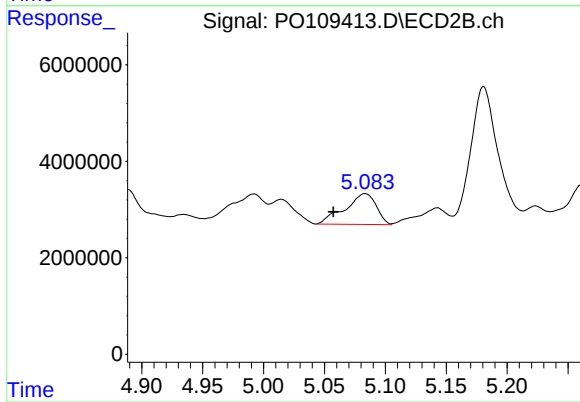
R.T.: 4.992 min
Delta R.T.: 0.019 min
Response: 10068259
Conc: 93.61 ng/ml



#19 AR-1242-4

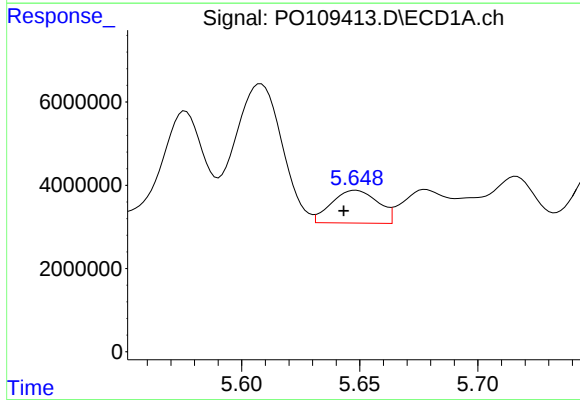
R.T.: 5.008 min
Delta R.T.: 0.019 min
Response: 13911627
Conc: 86.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



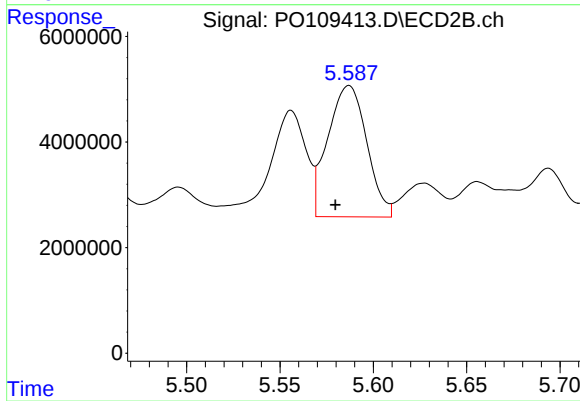
#19 AR-1242-4

R.T.: 5.083 min
Delta R.T.: 0.026 min
Response: 11350874
Conc: 100.69 ng/ml



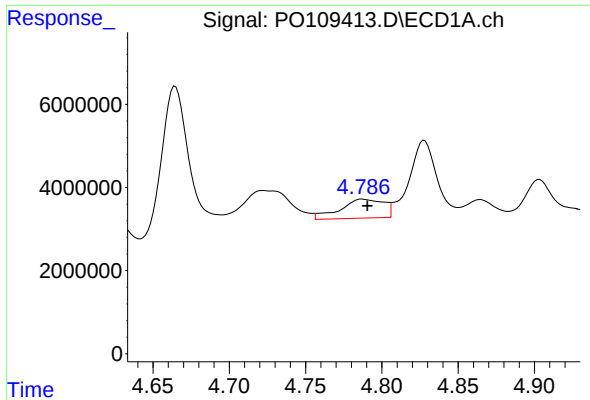
#20 AR-1242-5

R.T.: 5.648 min
Delta R.T.: 0.005 min
Response: 10775734
Conc: 63.83 ng/ml



#20 AR-1242-5

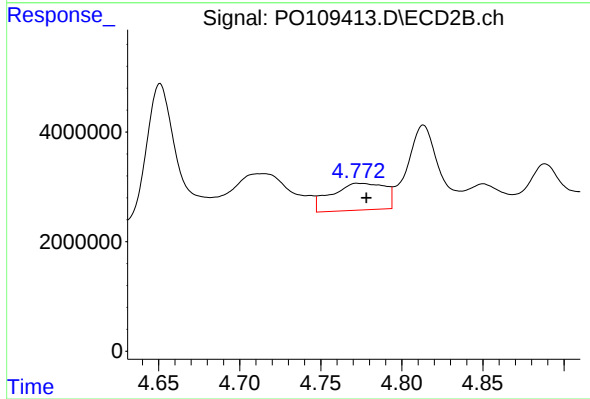
R.T.: 5.587 min
Delta R.T.: 0.007 min
Response: 36068427
Conc: 270.76 ng/ml



#21 AR-1248-1

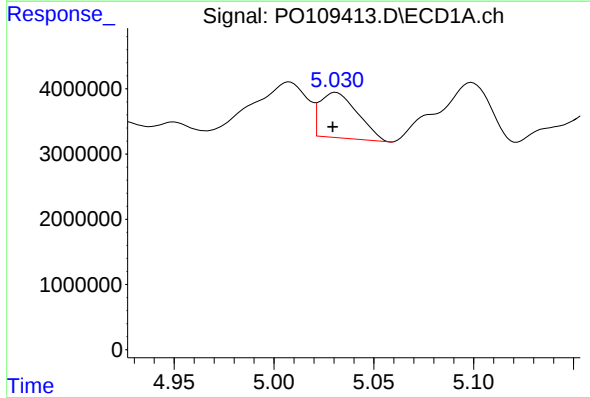
R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 9044563
Conc: 56.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



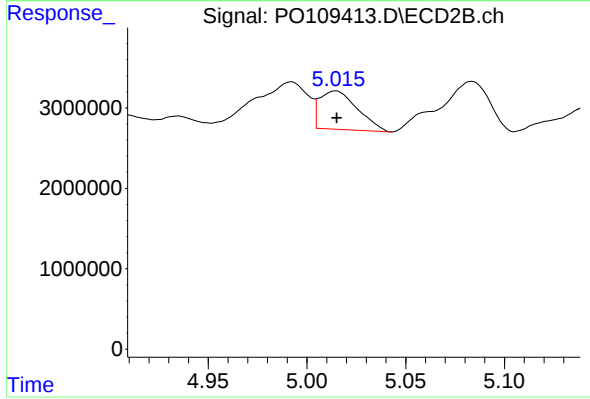
#21 AR-1248-1

R.T.: 4.773 min
Delta R.T.: -0.005 min
Response: 11247218
Conc: 105.42 ng/ml



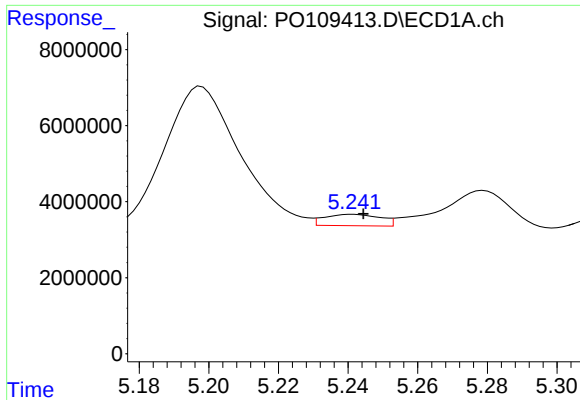
#22 AR-1248-2

R.T.: 5.031 min
Delta R.T.: 0.002 min
Response: 9108661
Conc: 40.60 ng/ml



#22 AR-1248-2

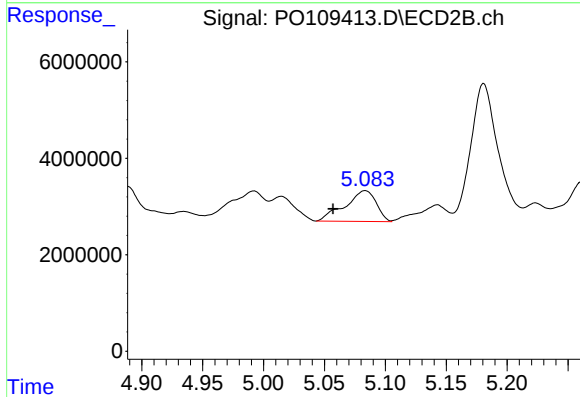
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 6309327
Conc: 41.49 ng/ml



#23 AR-1248-3

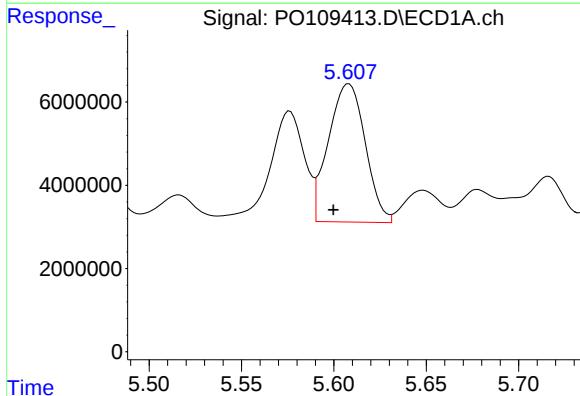
R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 3323268
Conc: 12.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



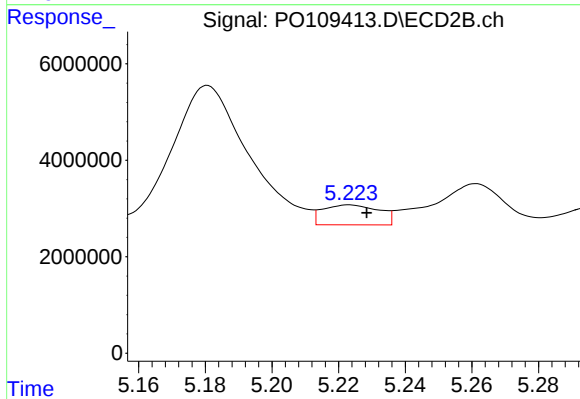
#23 AR-1248-3

R.T.: 5.083 min
Delta R.T.: 0.026 min
Response: 11350874
Conc: 69.95 ng/ml



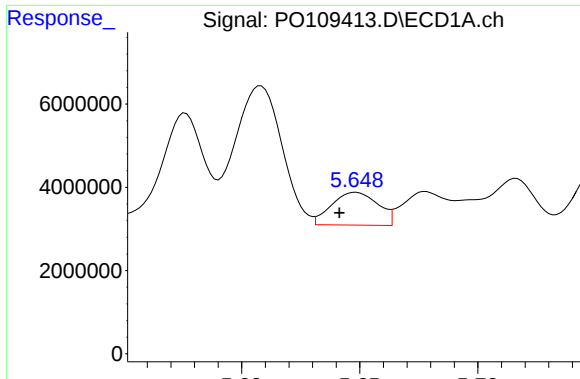
#24 AR-1248-4

R.T.: 5.608 min
Delta R.T.: 0.009 min
Response: 46109550
Conc: 120.66 ng/ml



#24 AR-1248-4

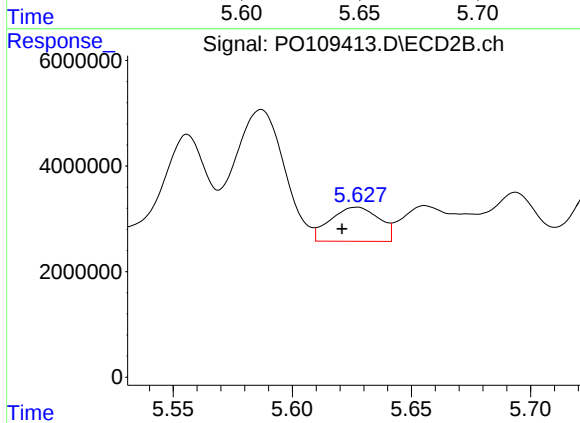
R.T.: 5.223 min
Delta R.T.: -0.005 min
Response: 4846373
Conc: 25.93 ng/ml



#25 AR-1248-5

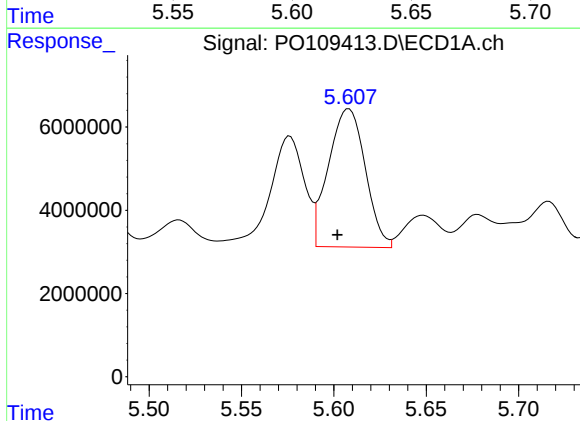
R.T.: 5.648 min
Delta R.T.: 0.007 min
Response: 10775734
Conc: 40.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



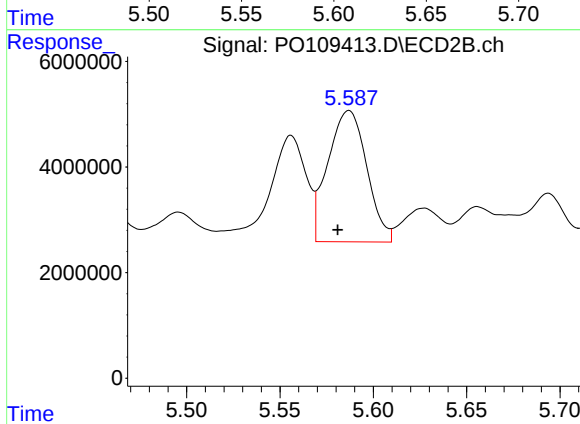
#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.006 min
Response: 9207657
Conc: 51.21 ng/ml



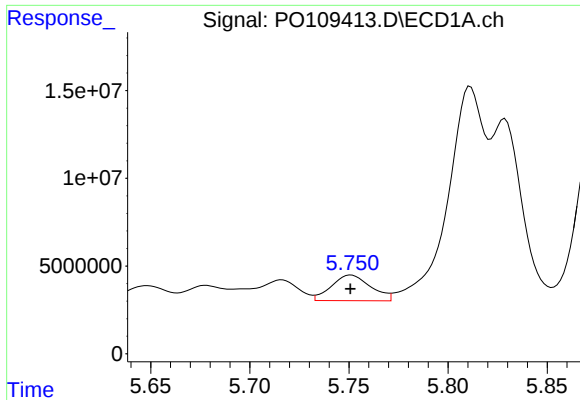
#26 AR-1254-1

R.T.: 5.608 min
Delta R.T.: 0.006 min
Response: 46109550
Conc: 109.99 ng/ml



#26 AR-1254-1

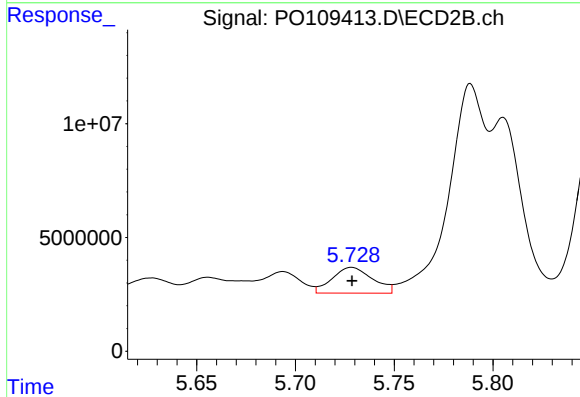
R.T.: 5.587 min
Delta R.T.: 0.006 min
Response: 36068427
Conc: 129.13 ng/ml



#27 AR-1254-2

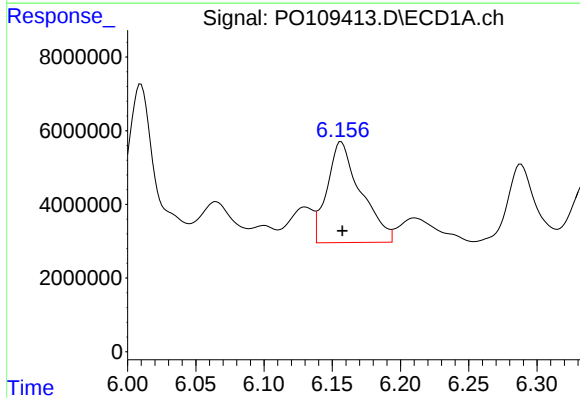
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 20153824
Conc: 53.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



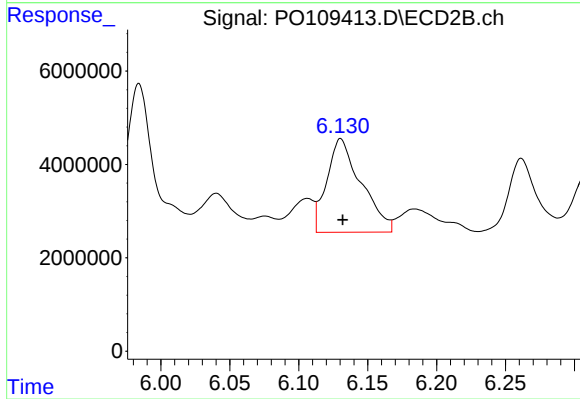
#27 AR-1254-2

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 16123279
Conc: 64.50 ng/ml



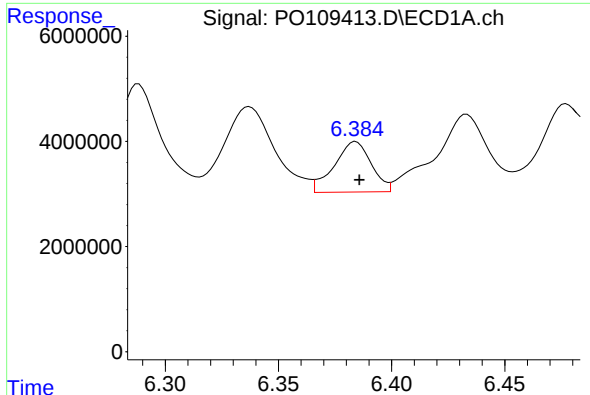
#28 AR-1254-3

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 47036160
Conc: 78.68 ng/ml



#28 AR-1254-3

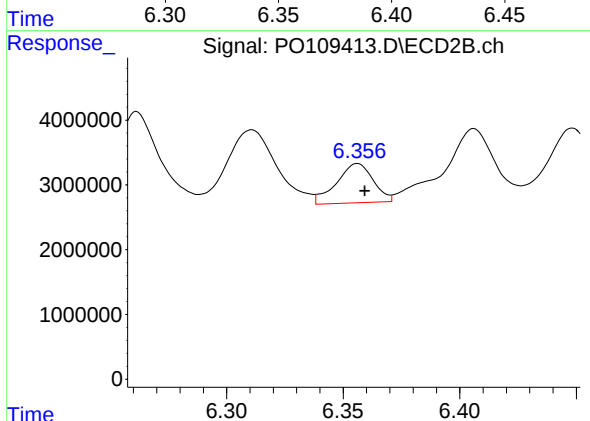
R.T.: 6.130 min
Delta R.T.: -0.001 min
Response: 34854081
Conc: 90.19 ng/ml



#29 AR-1254-4

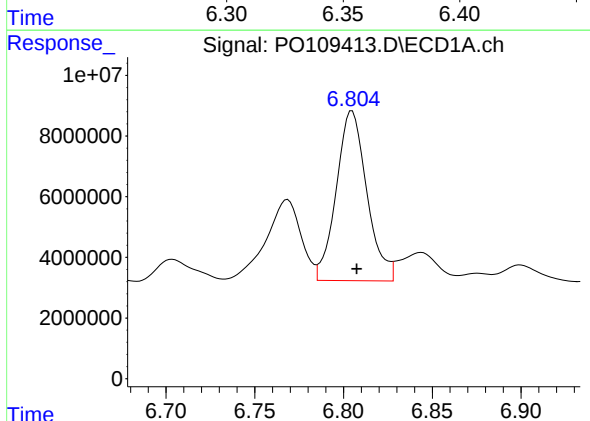
R.T.: 6.384 min
Delta R.T.: -0.002 min
Response: 10925745
Conc: 32.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



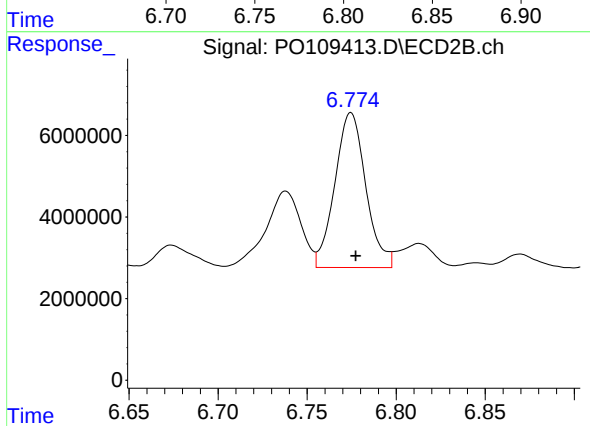
#29 AR-1254-4

R.T.: 6.356 min
Delta R.T.: -0.003 min
Response: 6622767
Conc: 31.78 ng/ml



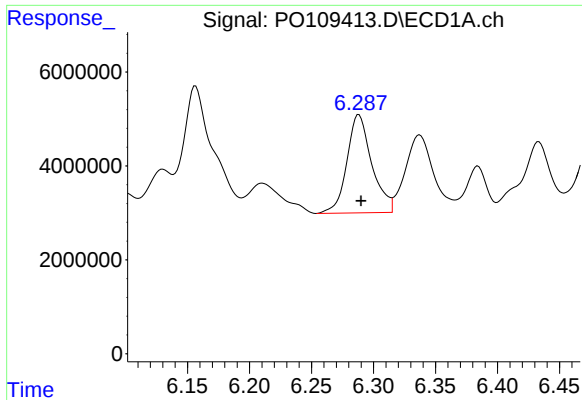
#30 AR-1254-5

R.T.: 6.805 min
Delta R.T.: -0.003 min
Response: 67230801
Conc: 131.32 ng/ml



#30 AR-1254-5

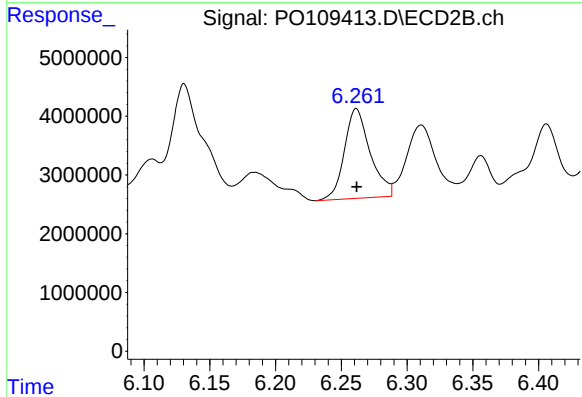
R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 45901505
Conc: 142.07 ng/ml



#31 AR-1260-1

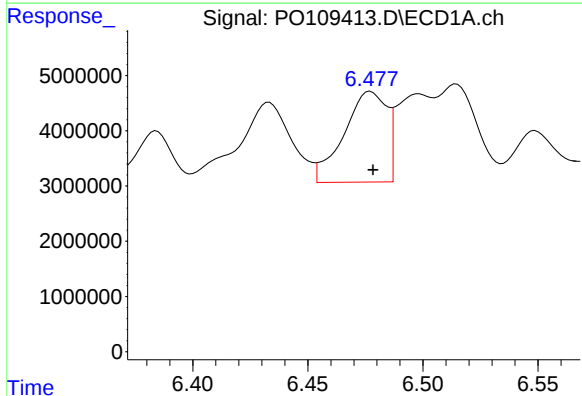
R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 29205762
Conc: 78.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



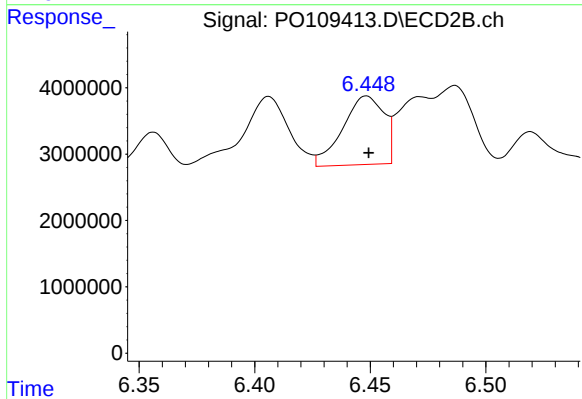
#31 AR-1260-1

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 20871667
Conc: 84.46 ng/ml



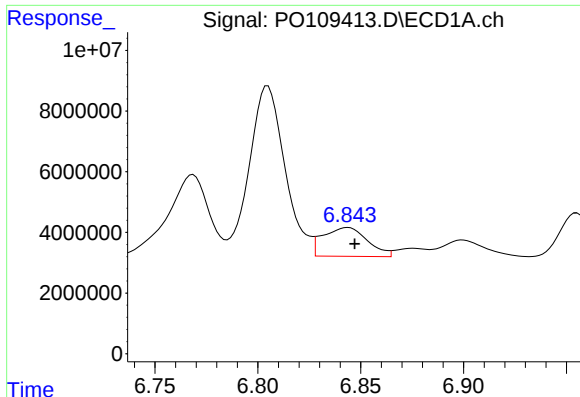
#32 AR-1260-2

R.T.: 6.477 min
Delta R.T.: -0.001 min
Response: 21294082
Conc: 46.48 ng/ml



#32 AR-1260-2

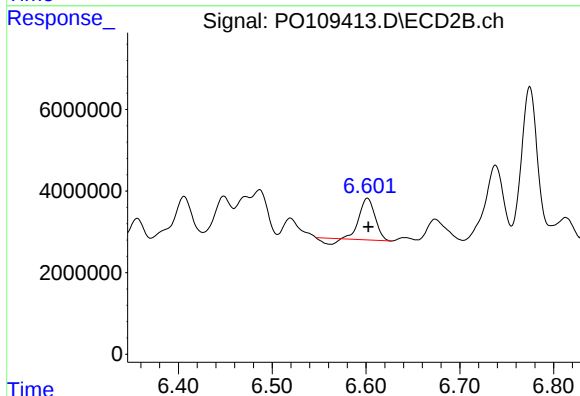
R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 12835623
Conc: 43.95 ng/ml



#33 AR-1260-3

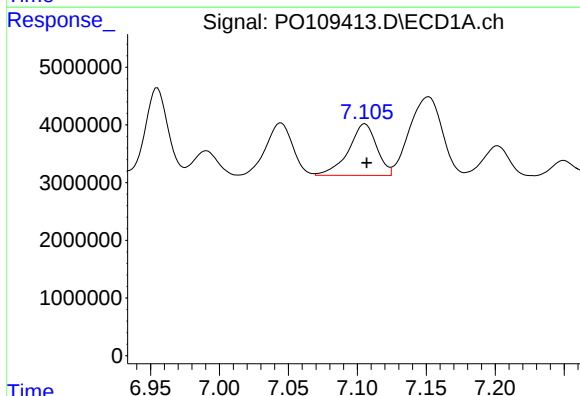
R.T.: 6.844 min
Delta R.T.: -0.003 min
Response: 14210407
Conc: 37.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



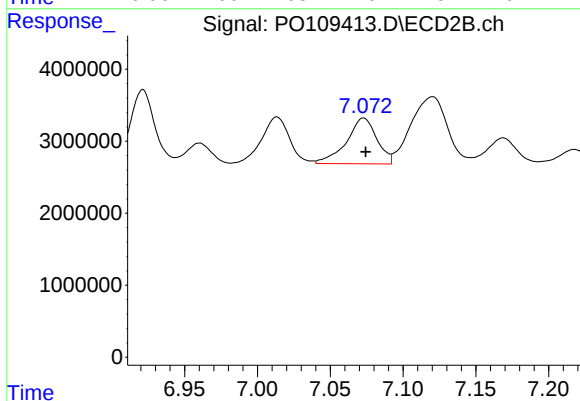
#33 AR-1260-3

R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 11105365
Conc: 39.05 ng/ml



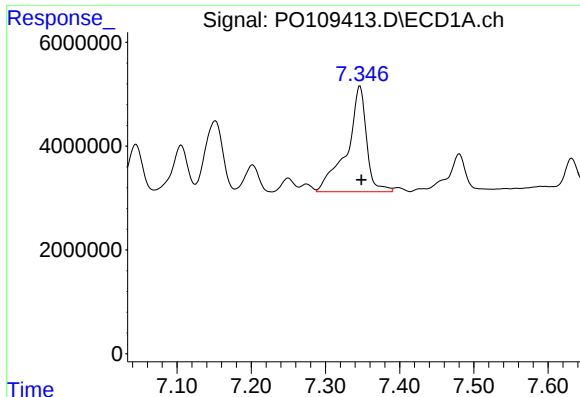
#34 AR-1260-4

R.T.: 7.106 min
Delta R.T.: -0.001 min
Response: 12699600
Conc: 36.26 ng/ml



#34 AR-1260-4

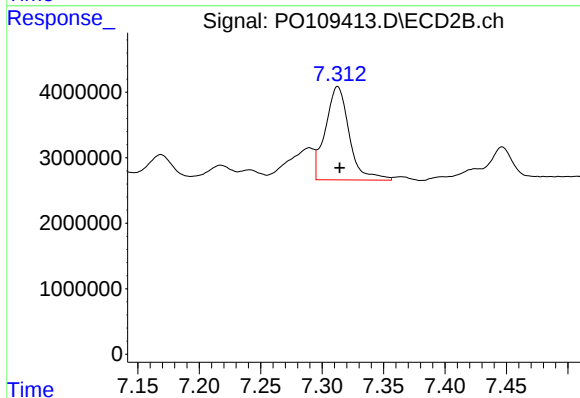
R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 9255326
Conc: 42.03 ng/ml



#35 AR-1260-5

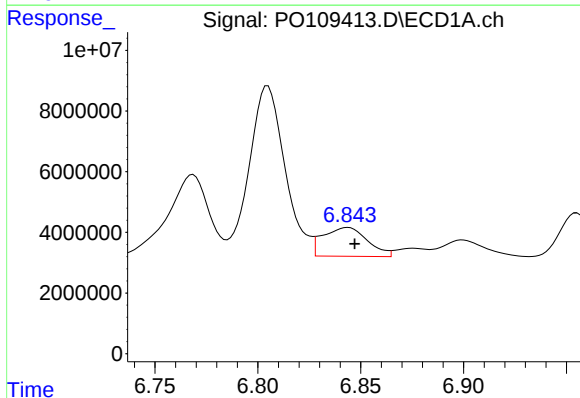
R.T.: 7.347 min
Delta R.T.: -0.002 min
Response: 37293240
Conc: 45.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



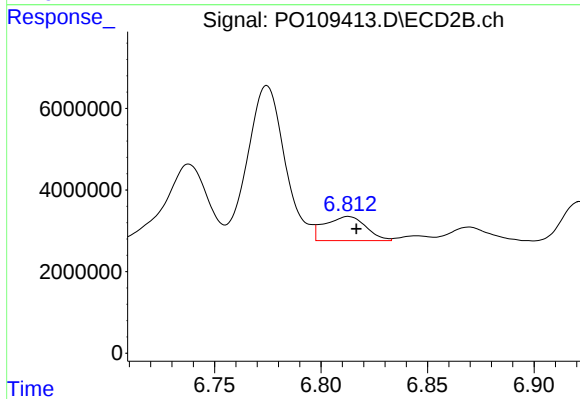
#35 AR-1260-5

R.T.: 7.313 min
Delta R.T.: -0.002 min
Response: 19299510
Conc: 39.33 ng/ml



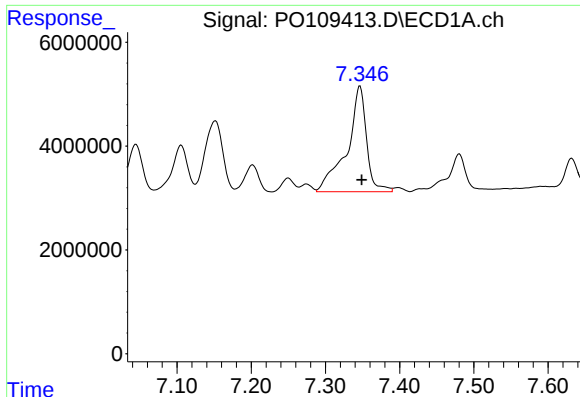
#36 AR-1262-1

R.T.: 6.844 min
Delta R.T.: -0.003 min
Response: 14210407
Conc: 26.76 ng/ml



#36 AR-1262-1

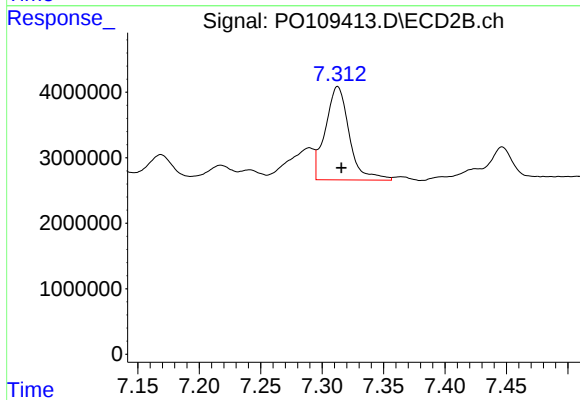
R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 7955306
Conc: 24.05 ng/ml



#37 AR-1262-2

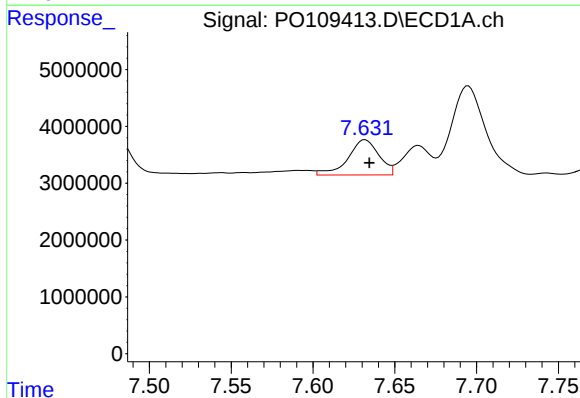
R.T.: 7.347 min
Delta R.T.: -0.002 min
Response: 37293240
Conc: 40.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



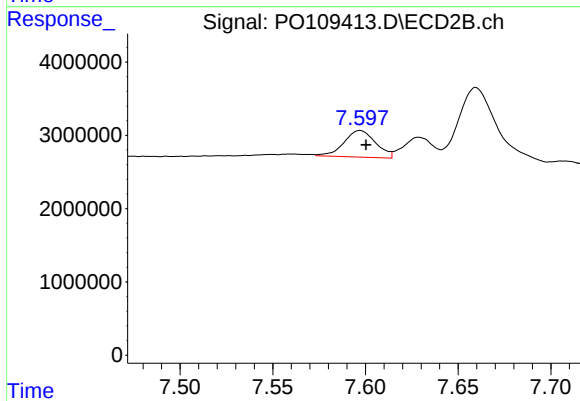
#37 AR-1262-2

R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 19299510
Conc: 35.70 ng/ml



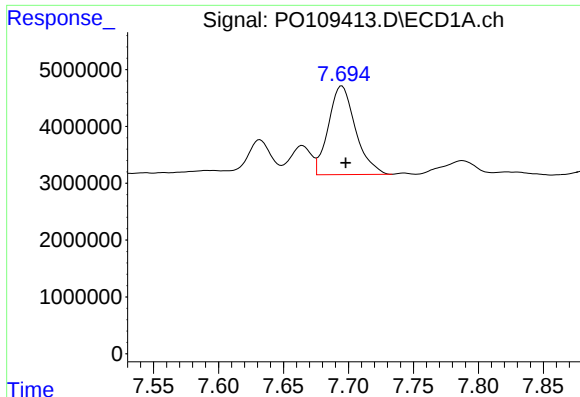
#38 AR-1262-3

R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 8133238
Conc: 22.58 ng/ml



#38 AR-1262-3

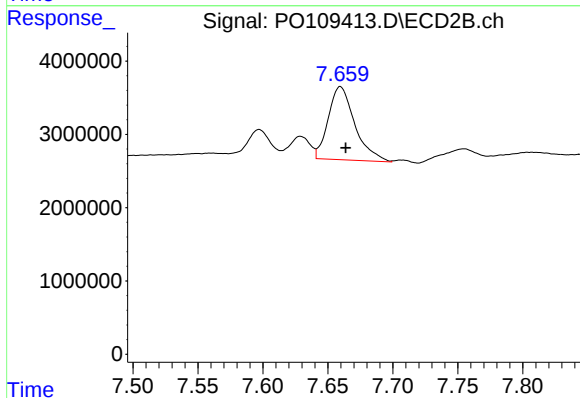
R.T.: 7.597 min
Delta R.T.: -0.003 min
Response: 4314249
Conc: 19.75 ng/ml



#39 AR-1262-4

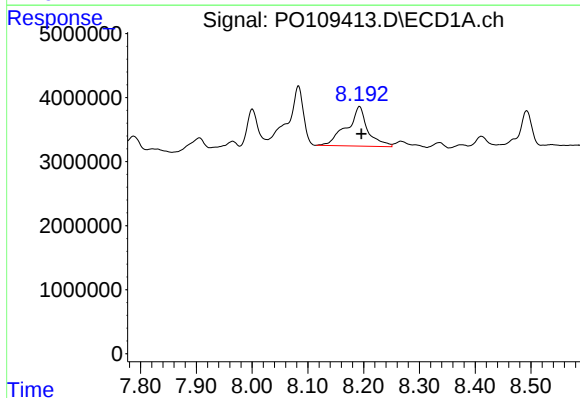
R.T.: 7.695 min
Delta R.T.: -0.003 min
Response: 22648011
Conc: 33.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



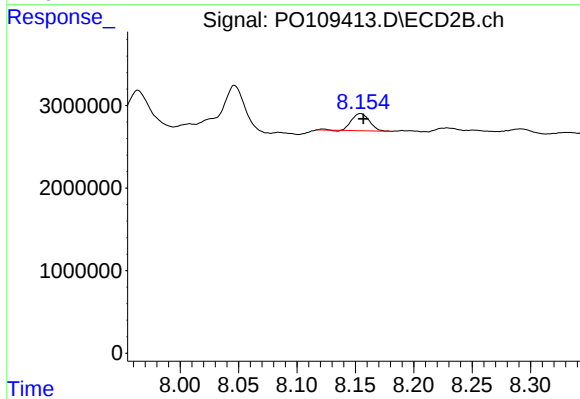
#39 AR-1262-4

R.T.: 7.660 min
Delta R.T.: -0.004 min
Response: 14215997
Conc: 37.45 ng/ml



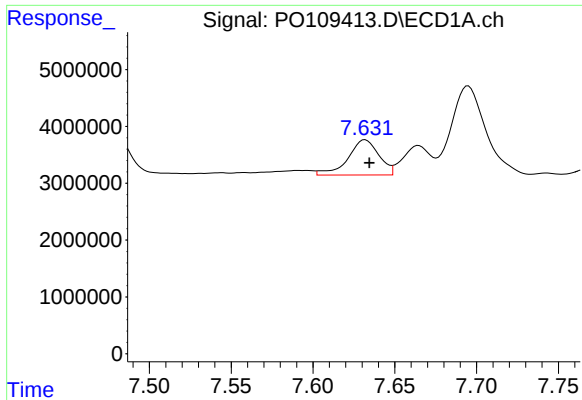
#40 AR-1262-5

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 16228339
Conc: 56.75 ng/ml



#40 AR-1262-5

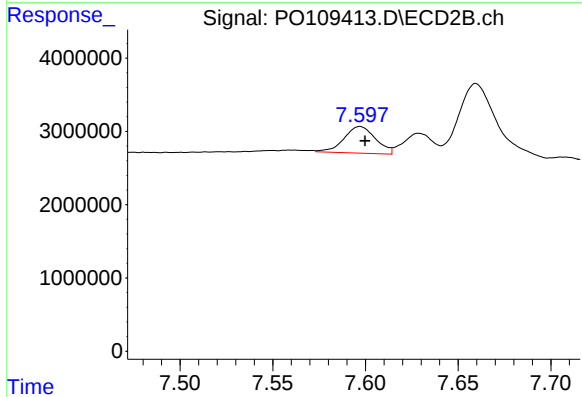
R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 2205504
Conc: 14.19 ng/ml



#41 AR-1268-1

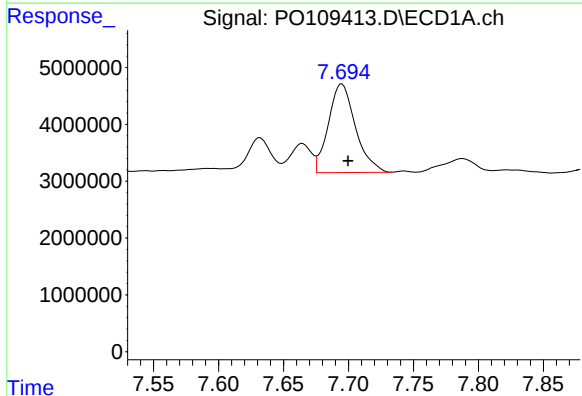
R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 8133238
Conc: 7.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



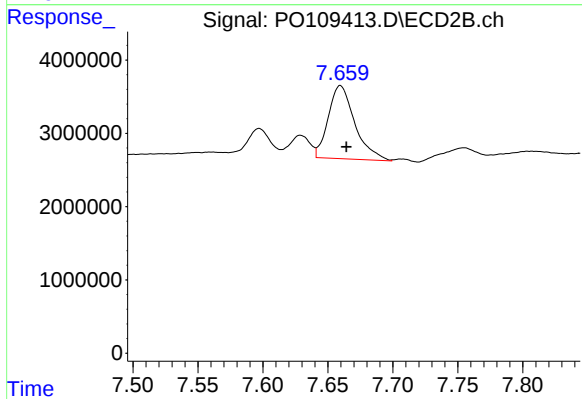
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: -0.003 min
Response: 4314249
Conc: 7.18 ng/ml



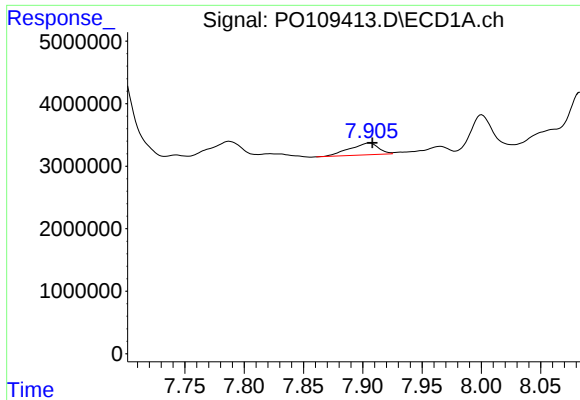
#42 AR-1268-2

R.T.: 7.695 min
Delta R.T.: -0.005 min
Response: 22648011
Conc: 23.24 ng/ml



#42 AR-1268-2

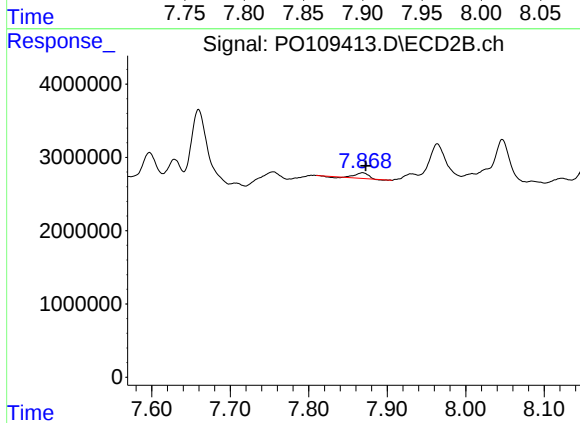
R.T.: 7.660 min
Delta R.T.: -0.005 min
Response: 14215997
Conc: 26.00 ng/ml



#43 AR-1268-3

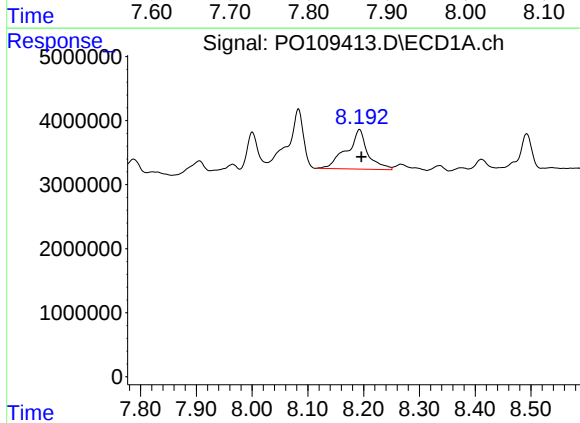
R.T.: 7.906 min
Delta R.T.: -0.002 min
Response: 3186171
Conc: 3.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



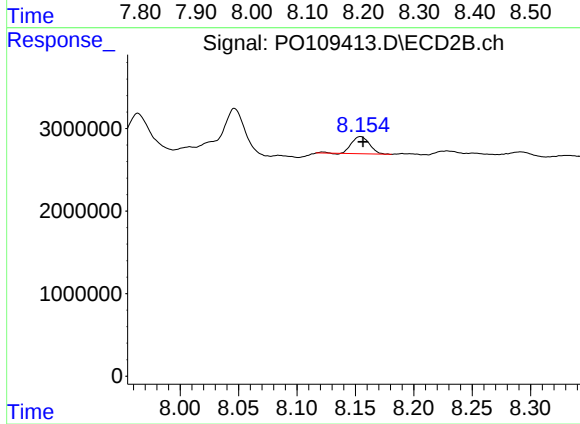
#43 AR-1268-3

R.T.: 7.869 min
Delta R.T.: -0.004 min
Response: 819653
Conc: 1.87 ng/ml



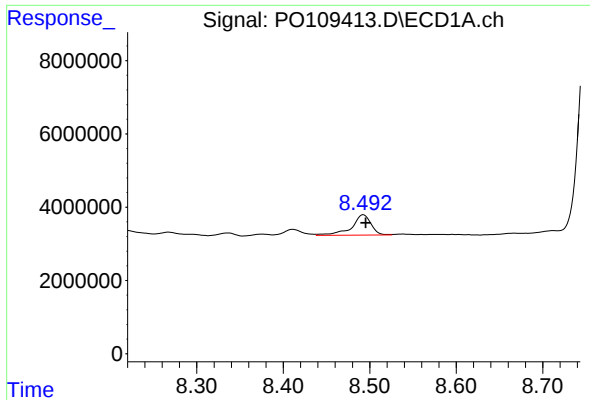
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 16228339
Conc: 47.40 ng/ml



#44 AR-1268-4

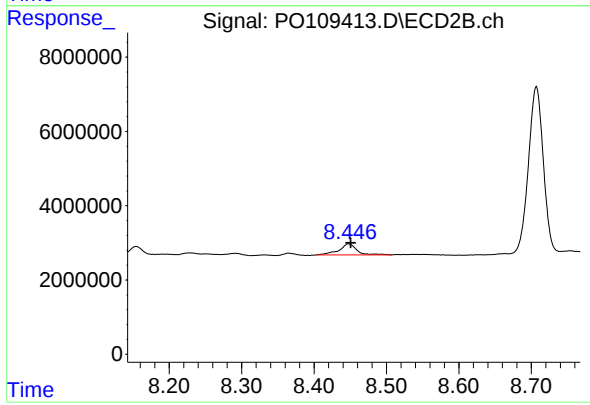
R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 2205504
Conc: 12.74 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 8648626
Conc: 3.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: -0.003 min
Response: 5145164
Conc: 4.45 ng/ml