

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110822\
 Data File : PO090330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2022 03:12
 Operator : YP/AJ
 Sample : AR1268CCC500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 05:07:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 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...	4.303	3.481	192.2E6	62268648	59.814	58.589
2)	SA Decachlor...	10.046	8.483	233.5E6	92054285	95.297	89.379
Target Compounds							
3)	L1 AR-1016-1	5.478	4.565	605740	174427	5.695	4.516
4)	L1 AR-1016-2	5.499	4.584	785098	183672	5.154	3.434 #
5)	L1 AR-1016-3	5.560	0.000	467226	0	4.945	N.D. #
6)	L1 AR-1016-4	5.662	4.846	714139	957019	9.523	38.554 #
7)	L1 AR-1016-5	5.957	5.020	2850593	653766	36.934	21.282 #
8)	L2 AR-1221-1	0.000	3.643f	0	213808	N.D.	16.003 #
9)	L2 AR-1221-2	4.608	3.780	2531009	827965	89.031	81.582
12)	L3 AR-1232-2	5.208	4.584	292914	183672	7.620	7.665
13)	L3 AR-1232-3	5.499	0.000	785098	0	11.716	N.D. #
14)	L3 AR-1232-4	5.662	4.846	714139	957019	21.629	78.492 #
15)	L3 AR-1232-5	5.753	5.020	1642893	653766	62.012	48.965
16)	L4 AR-1242-1	5.478	4.565	605740	174427	7.321	5.859
17)	L4 AR-1242-2	5.499	4.584	785098	183672	6.648	4.516 #
18)	L4 AR-1242-3	5.560	0.000	467226	0	6.277	N.D. #
19)	L4 AR-1242-4	5.662	4.846	714139	957019	12.258	40.357 #
20)	L4 AR-1242-5	6.401	5.370	5295734	603869	86.152	21.111 #
21)	L5 AR-1248-1	5.478	4.565	605740	174427	9.577	7.683
22)	L5 AR-1248-2	5.753	4.846f	1642893	957019	17.348	29.436 #
23)	L5 AR-1248-3	5.957	4.846	2850593	957019	28.916	28.391
24)	L5 AR-1248-4	6.363	5.020	3864871	653766	36.249	16.905 #
25)	L5 AR-1248-5	6.401	5.409	5295734	493272	50.413	13.623 #
26)	L6 AR-1254-1	6.343	5.370	2306303	603869	19.900	10.252 #
27)	L6 AR-1254-2	6.560	5.520	5006941	848701	28.787	15.840 #
28)	L6 AR-1254-3	6.923	5.925	8034045	1807735	46.278	21.811 #
29)	L6 AR-1254-4	7.212	6.152	4803004	707422	37.680	14.244 #
30)	L6 AR-1254-5	7.622	6.612	1146315	16600759	8.138	221.712 #
31)	L7 AR-1260-1	7.090	6.045	4180656	147345	29.822	2.448 #
32)	L7 AR-1260-2	7.349	6.244	1525995	378386	9.433	5.238 #
33)	L7 AR-1260-3	7.711	6.403	35160310	1220980	334.683	18.324 #
34)	L7 AR-1260-4	7.958	6.870	45193072	21609306	365.812	424.760
35)	L7 AR-1260-5	8.253	7.115	17852996	9031773	78.455	77.758
36)	L8 AR-1262-1	7.711	6.612	35160310	16600759	212.104	219.087
37)	L8 AR-1262-2	8.253	7.115	17852996	9031773	63.543	70.434
38)	L8 AR-1262-3	8.560	7.399	182.6E6	82858613	929.991	1521.505 #
39)	L8 AR-1262-4	8.653	7.464	166.8E6	75281582	1714.068	775.135 #
40)	L8 AR-1262-5	9.300	7.959	64093232	27607421	608.259	581.693
41)	L9 AR-1268-1	8.560	7.399	182.6E6	82858613	523.768	525.916
42)	L9 AR-1268-2	8.653	7.464	166.8E6	75281582	534.628	536.549
43)	L9 AR-1268-3	8.879	7.672	143.5E6	62336352	534.023	519.437

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 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
44) L9	AR-1268-4	9.300	7.959	64093232	27607421	550.059	508.333
45) L9	AR-1268-5	9.710	8.239	467.8E6	186.4E6	545.627	532.519

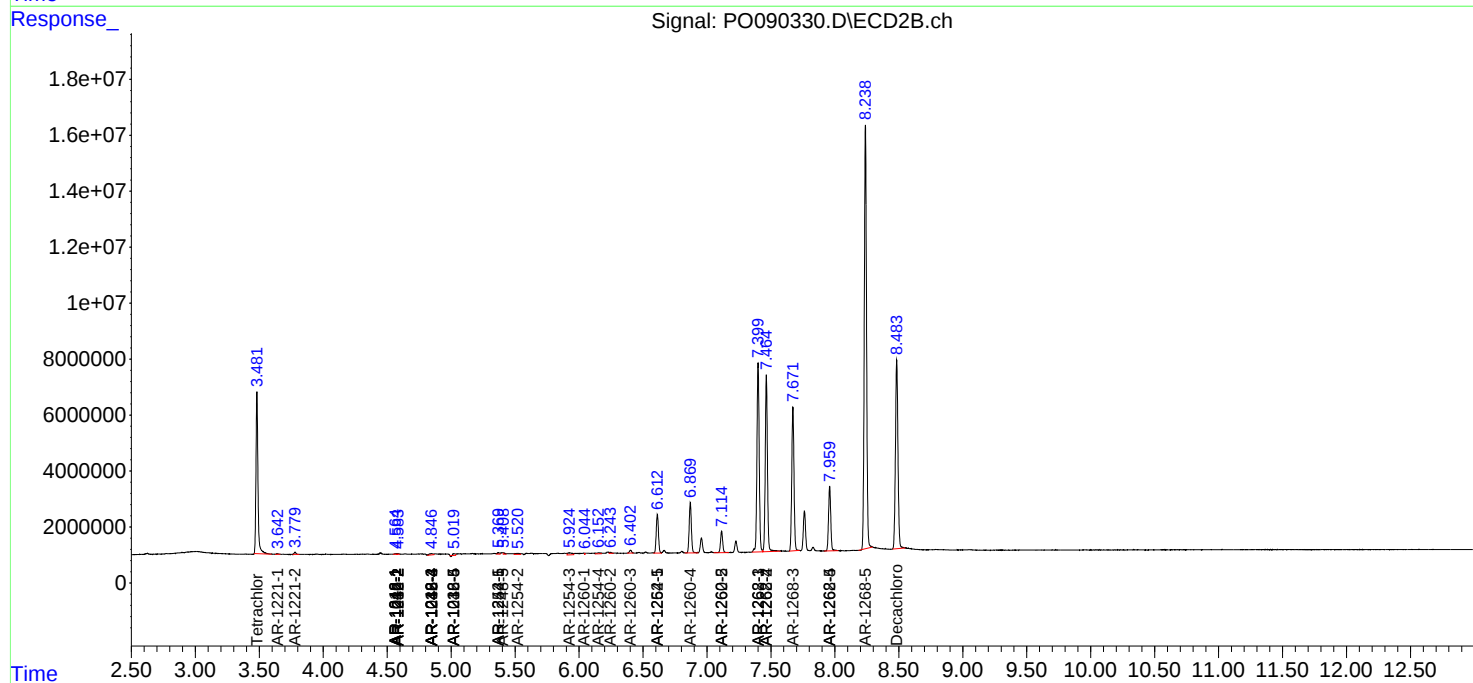
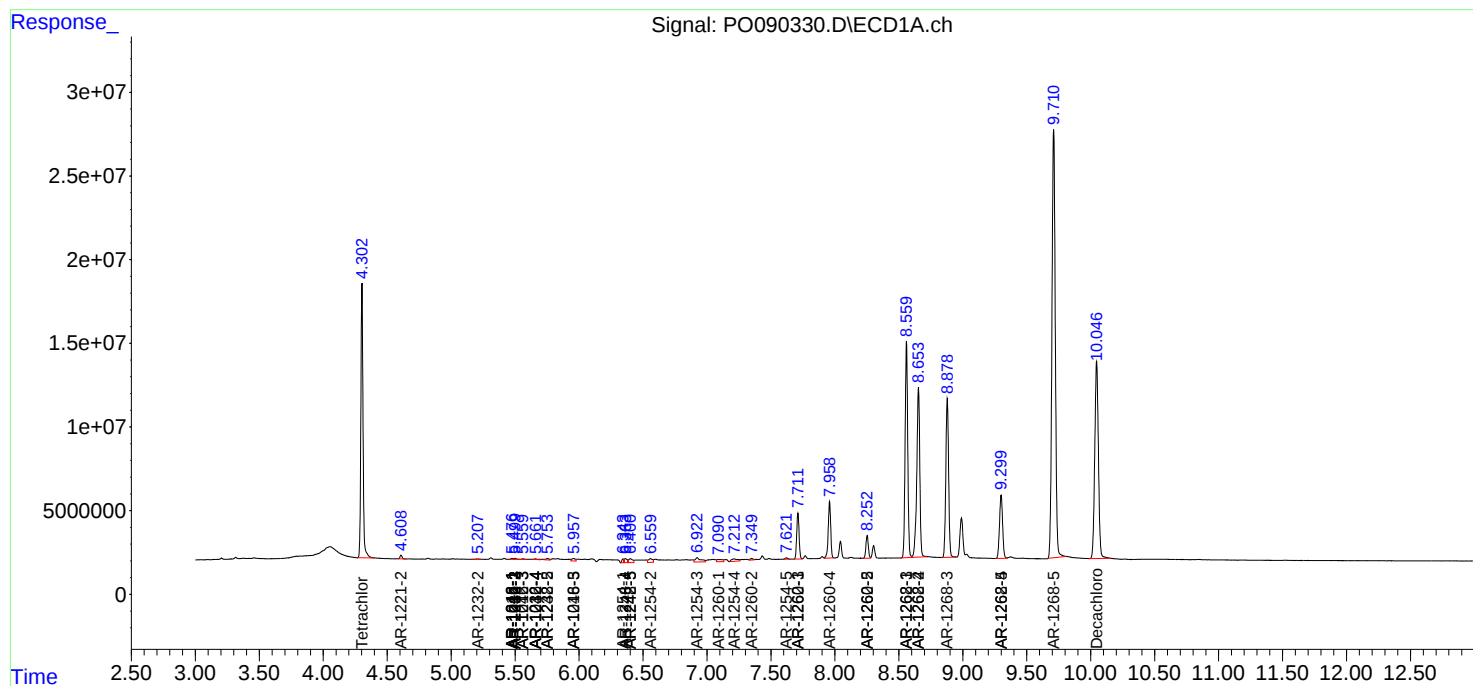
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

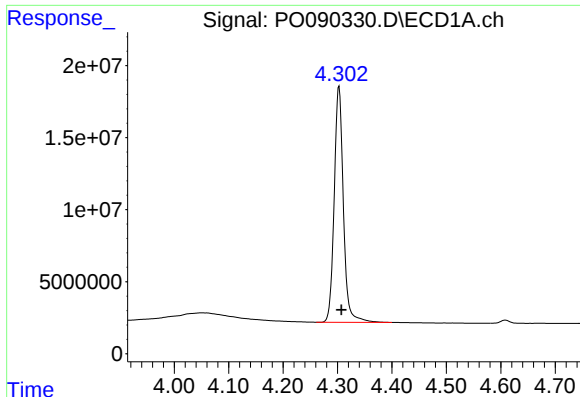
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

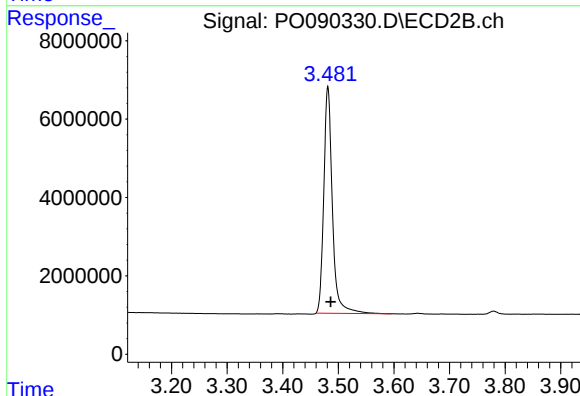




#1 Tetrachloro-m-xylene

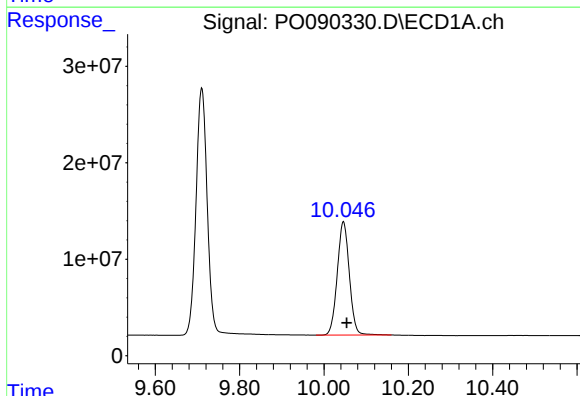
R.T.: 4.303 min
Delta R.T.: -0.004 min
Response: 192236915
Conc: 59.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



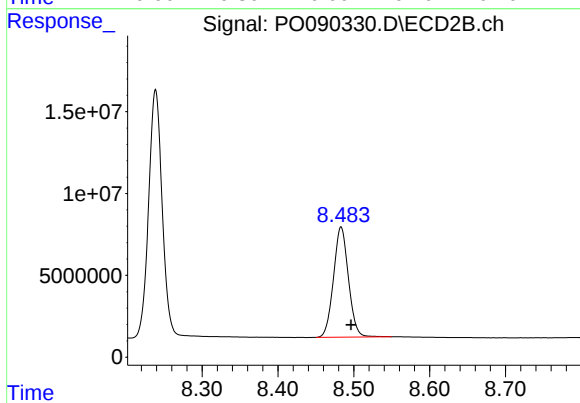
#1 Tetrachloro-m-xylene

R.T.: 3.481 min
Delta R.T.: -0.005 min
Response: 62268648
Conc: 58.59 ng/ml



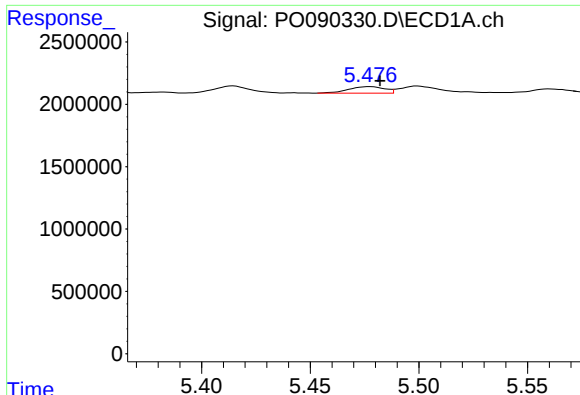
#2 Decachlorobiphenyl

R.T.: 10.046 min
Delta R.T.: -0.008 min
Response: 233531069
Conc: 95.30 ng/ml



#2 Decachlorobiphenyl

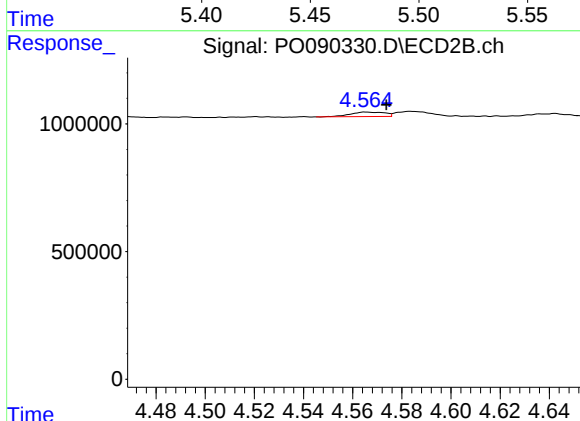
R.T.: 8.483 min
Delta R.T.: -0.013 min
Response: 92054285
Conc: 89.38 ng/ml



#3 AR-1016-1

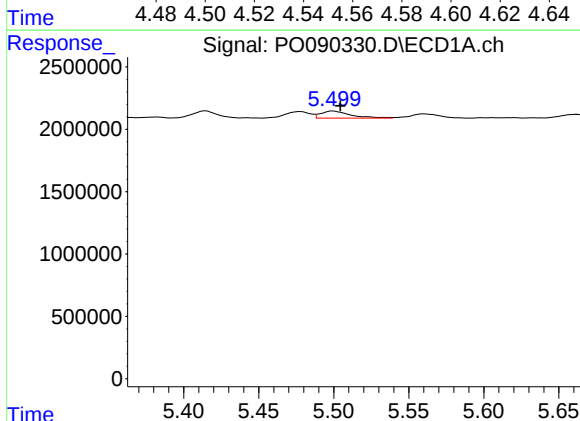
R.T.: 5.478 min
Delta R.T.: -0.004 min
Response: 605740
Conc: 5.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



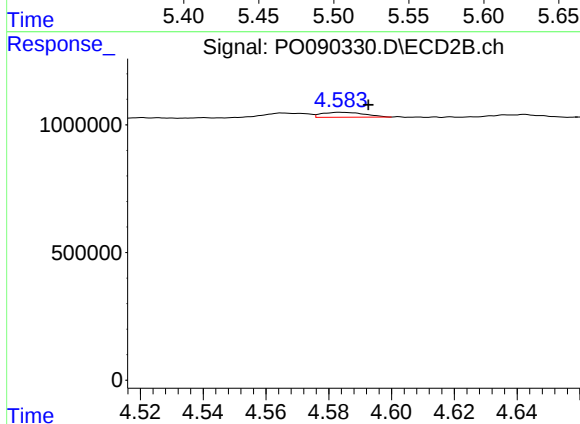
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: -0.009 min
Response: 174427
Conc: 4.52 ng/ml



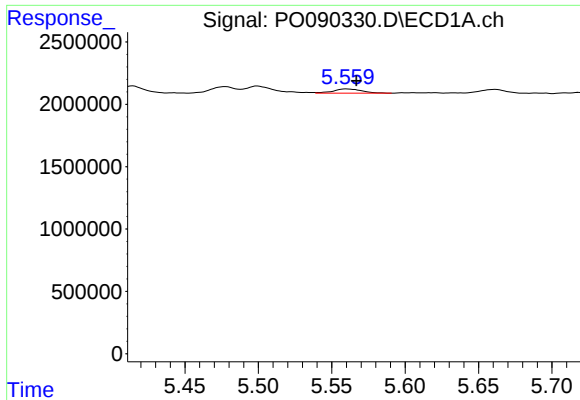
#4 AR-1016-2

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 785098
Conc: 5.15 ng/ml



#4 AR-1016-2

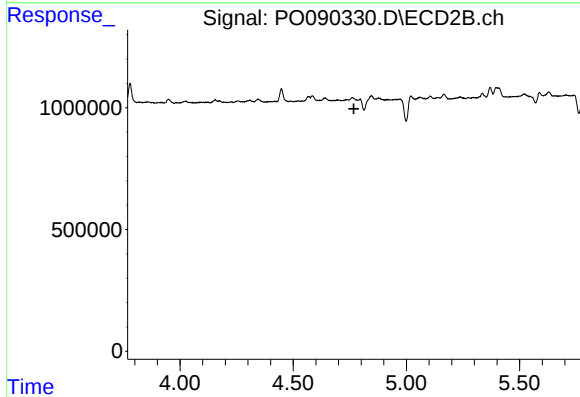
R.T.: 4.584 min
Delta R.T.: -0.009 min
Response: 183672
Conc: 3.43 ng/ml



#5 AR-1016-3

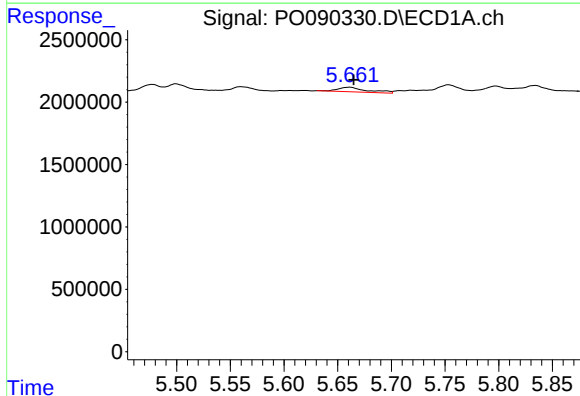
R.T.: 5.560 min
Delta R.T.: -0.007 min
Response: 467226
Conc: 4.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



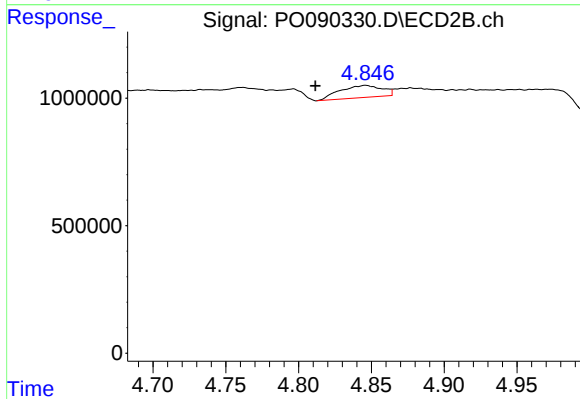
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.768 min
Response: 0
Conc: N.D.



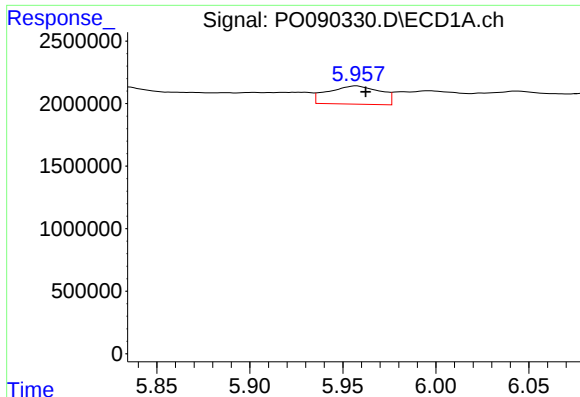
#6 AR-1016-4

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 714139
Conc: 9.52 ng/ml



#6 AR-1016-4

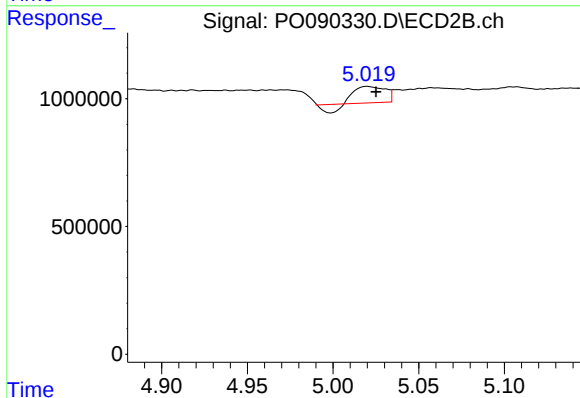
R.T.: 4.846 min
Delta R.T.: 0.035 min
Response: 957019
Conc: 38.55 ng/ml



#7 AR-1016-5

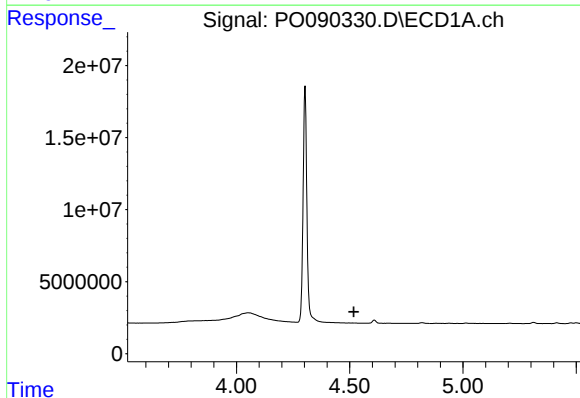
R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 2850593
Conc: 36.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



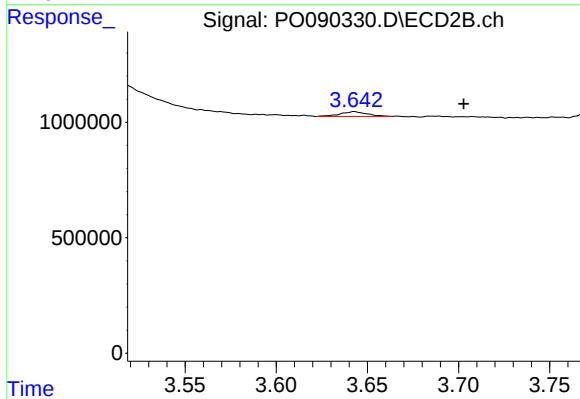
#7 AR-1016-5

R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 653766
Conc: 21.28 ng/ml



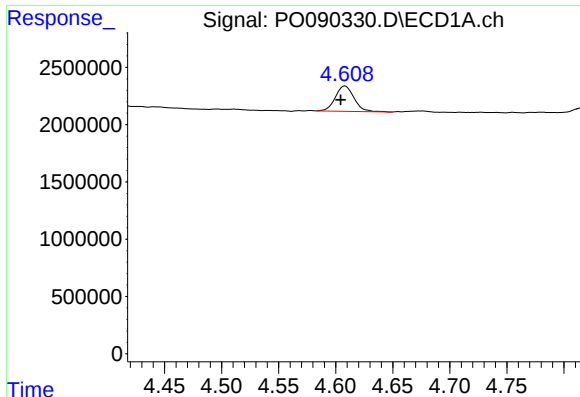
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.518 min
Response: 0
Conc: N.D.



#8 AR-1221-1

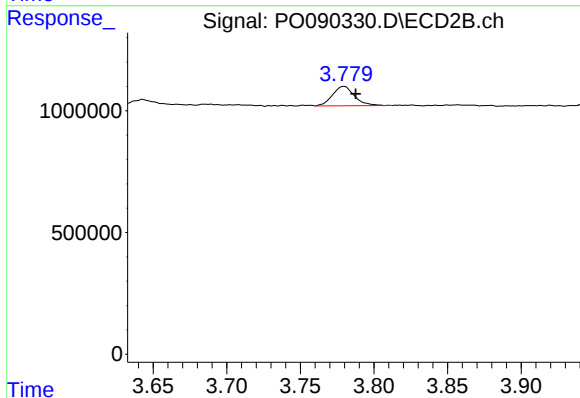
R.T.: 3.643 min
Delta R.T.: -0.060 min
Response: 213808
Conc: 16.00 ng/ml



#9 AR-1221-2

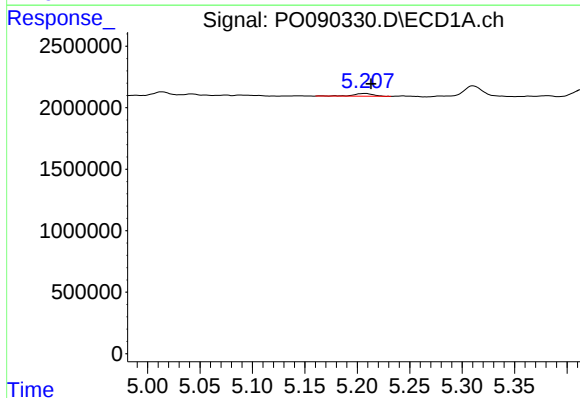
R.T.: 4.608 min
Delta R.T.: 0.004 min
Response: 2531009
Conc: 89.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



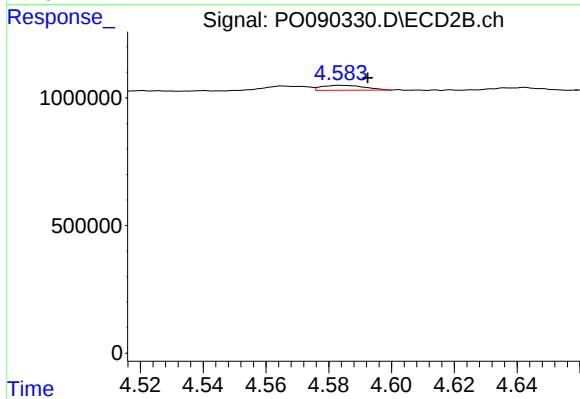
#9 AR-1221-2

R.T.: 3.780 min
Delta R.T.: -0.008 min
Response: 827965
Conc: 81.58 ng/ml



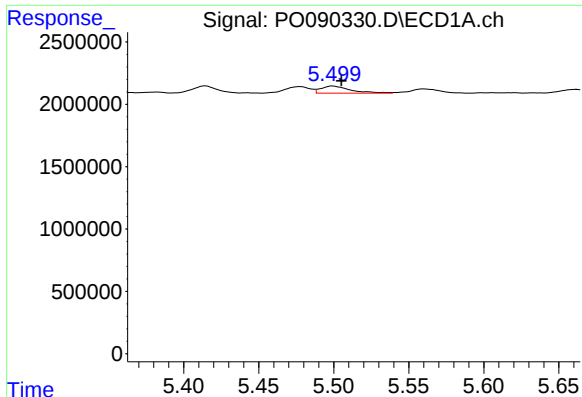
#12 AR-1232-2

R.T.: 5.208 min
Delta R.T.: -0.005 min
Response: 292914
Conc: 7.62 ng/ml



#12 AR-1232-2

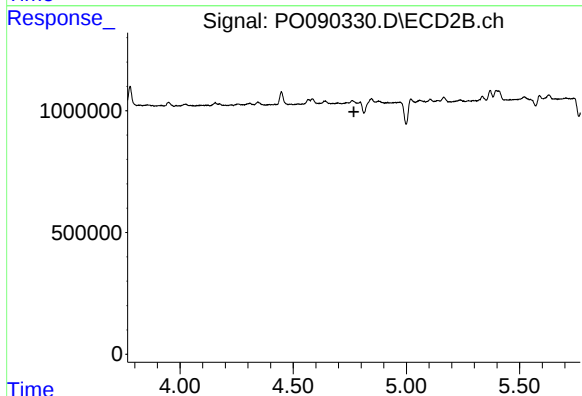
R.T.: 4.584 min
Delta R.T.: -0.009 min
Response: 183672
Conc: 7.66 ng/ml



#13 AR-1232-3

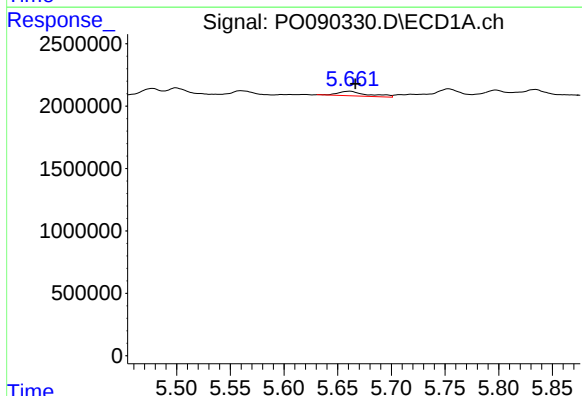
R.T.: 5.499 min
Delta R.T.: -0.006 min
Response: 785098
Conc: 11.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



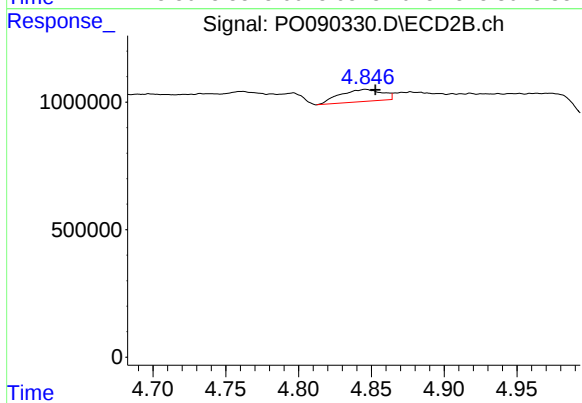
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.768 min
Response: 0
Conc: N.D.



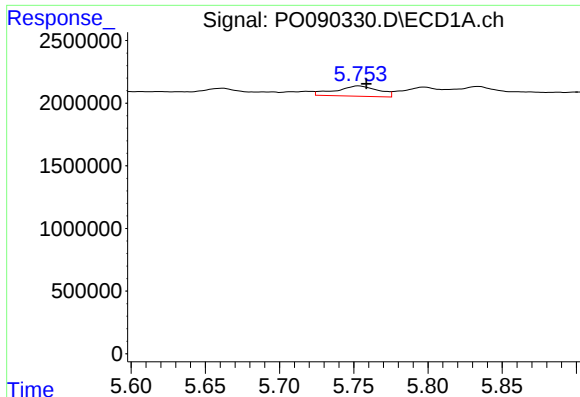
#14 AR-1232-4

R.T.: 5.662 min
Delta R.T.: -0.005 min
Response: 714139
Conc: 21.63 ng/ml



#14 AR-1232-4

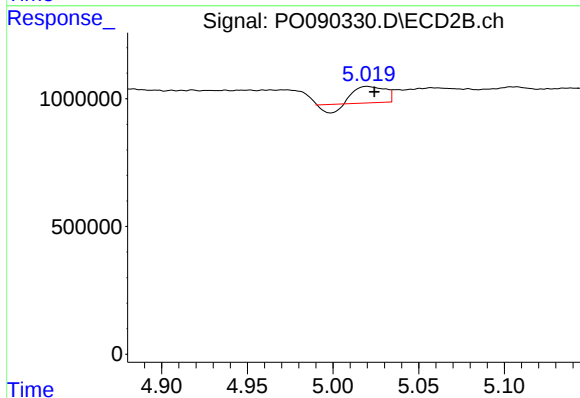
R.T.: 4.846 min
Delta R.T.: -0.007 min
Response: 957019
Conc: 78.49 ng/ml



#15 AR-1232-5

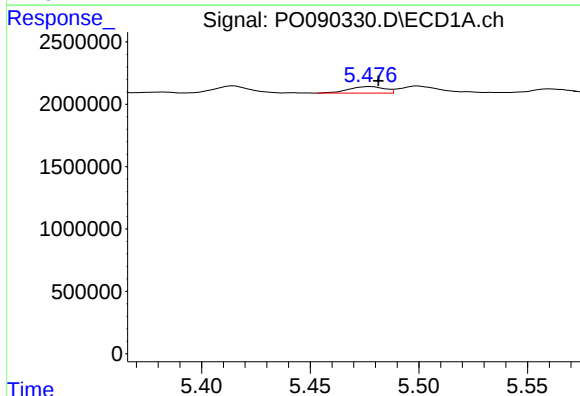
R.T.: 5.753 min
Delta R.T.: -0.005 min
Response: 1642893
Conc: 62.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



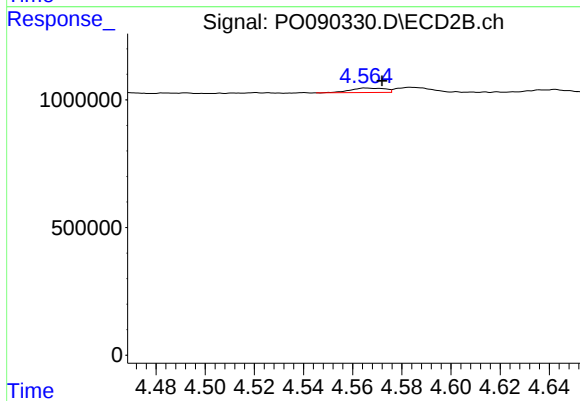
#15 AR-1232-5

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 653766
Conc: 48.96 ng/ml



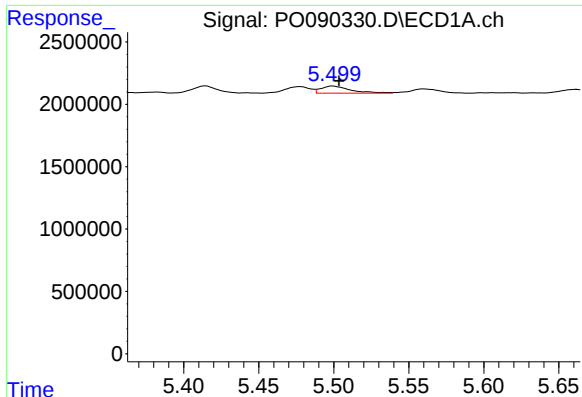
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.004 min
Response: 605740
Conc: 7.32 ng/ml



#16 AR-1242-1

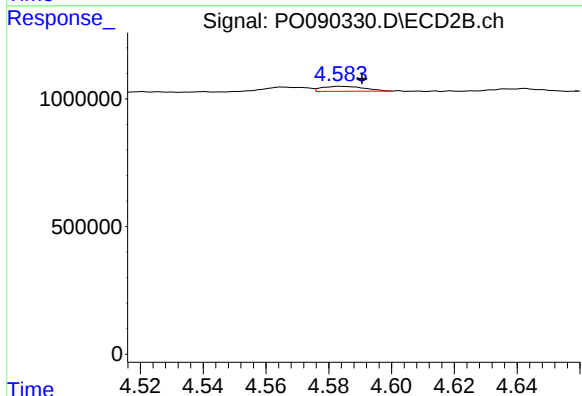
R.T.: 4.565 min
Delta R.T.: -0.007 min
Response: 174427
Conc: 5.86 ng/ml



#17 AR-1242-2

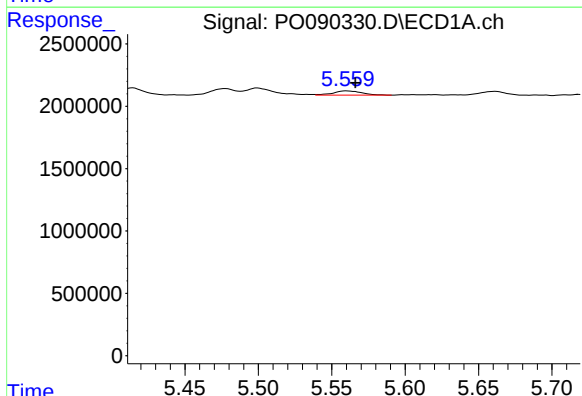
R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 785098
Conc: 6.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



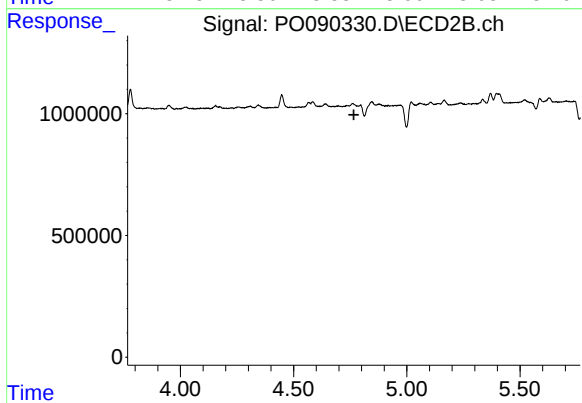
#17 AR-1242-2

R.T.: 4.584 min
Delta R.T.: -0.007 min
Response: 183672
Conc: 4.52 ng/ml



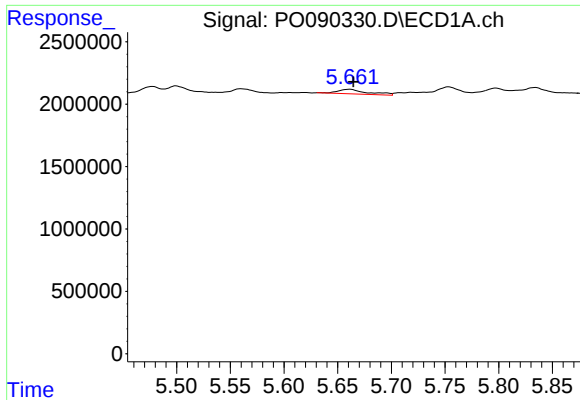
#18 AR-1242-3

R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 467226
Conc: 6.28 ng/ml



#18 AR-1242-3

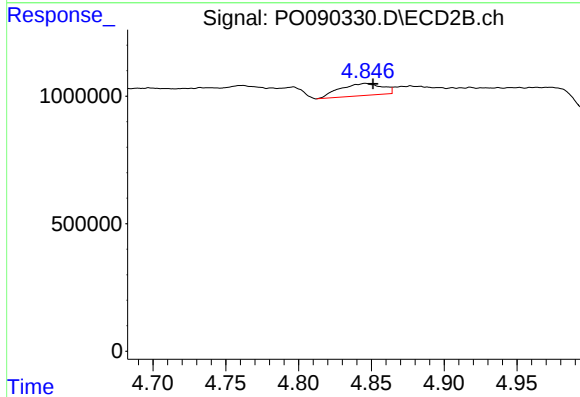
R.T.: 0.000 min
Exp R.T.: 4.766 min
Response: 0
Conc: N.D.



#19 AR-1242-4

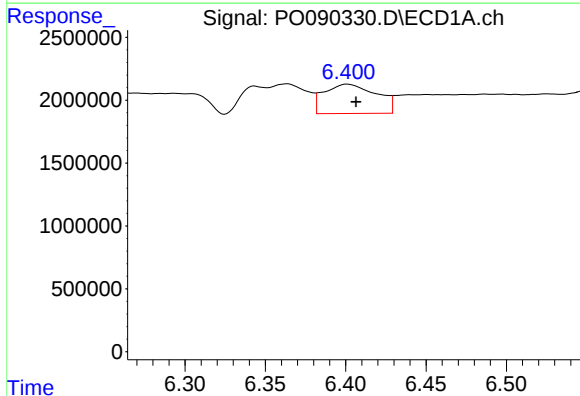
R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 714139
Conc: 12.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



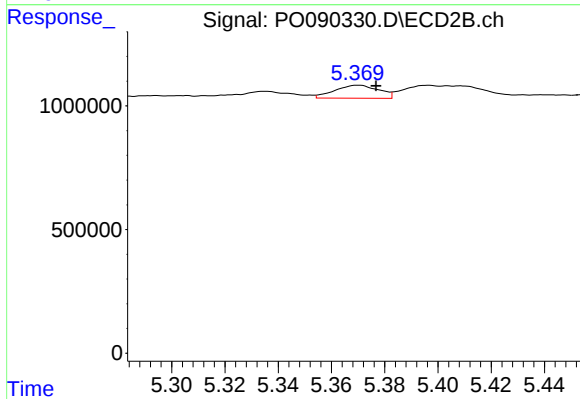
#19 AR-1242-4

R.T.: 4.846 min
Delta R.T.: -0.005 min
Response: 957019
Conc: 40.36 ng/ml



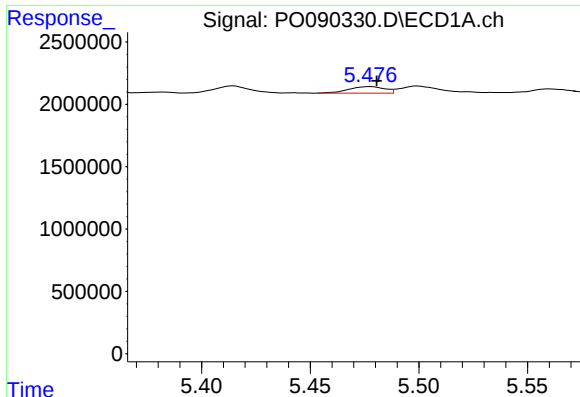
#20 AR-1242-5

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 5295734
Conc: 86.15 ng/ml



#20 AR-1242-5

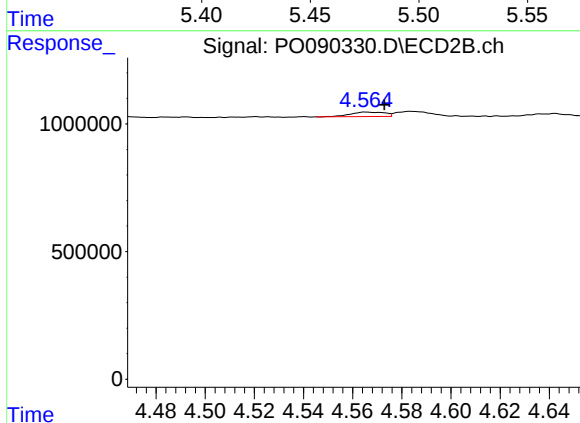
R.T.: 5.370 min
Delta R.T.: -0.007 min
Response: 603869
Conc: 21.11 ng/ml



#21 AR-1248-1

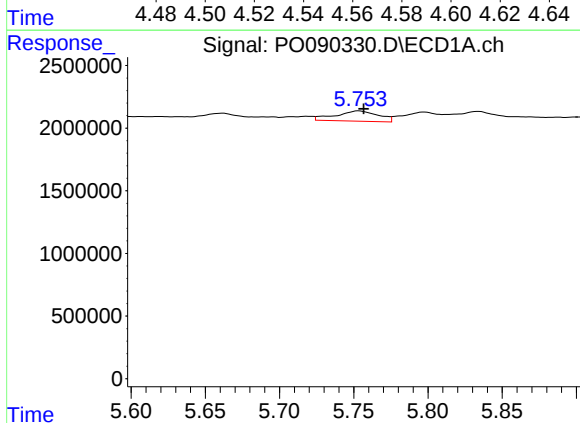
R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 605740
Conc: 9.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



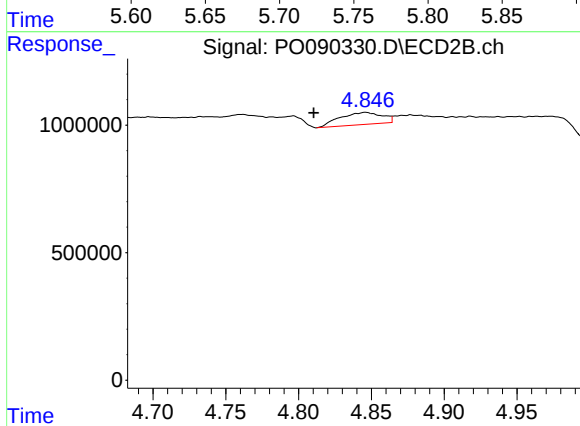
#21 AR-1248-1

R.T.: 4.565 min
Delta R.T.: -0.008 min
Response: 174427
Conc: 7.68 ng/ml



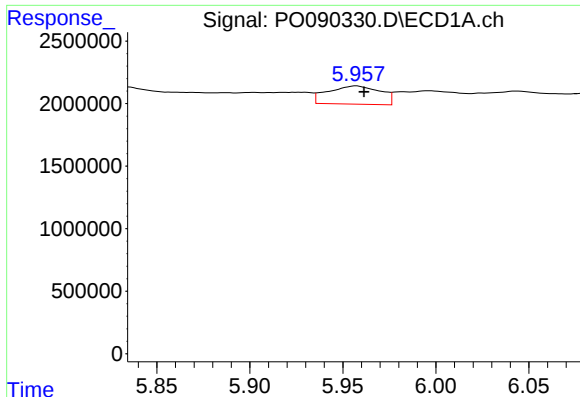
#22 AR-1248-2

R.T.: 5.753 min
Delta R.T.: -0.003 min
Response: 1642893
Conc: 17.35 ng/ml



#22 AR-1248-2

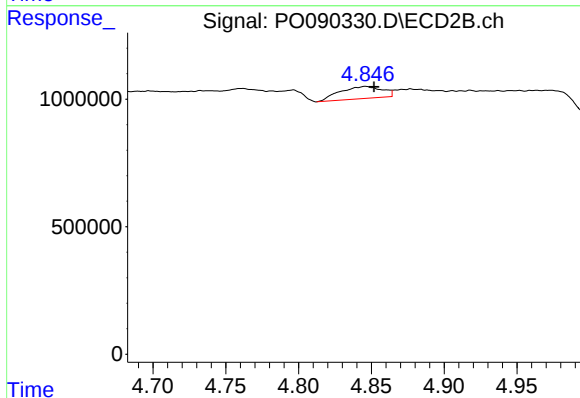
R.T.: 4.846 min
Delta R.T.: 0.036 min
Response: 957019
Conc: 29.44 ng/ml



#23 AR-1248-3

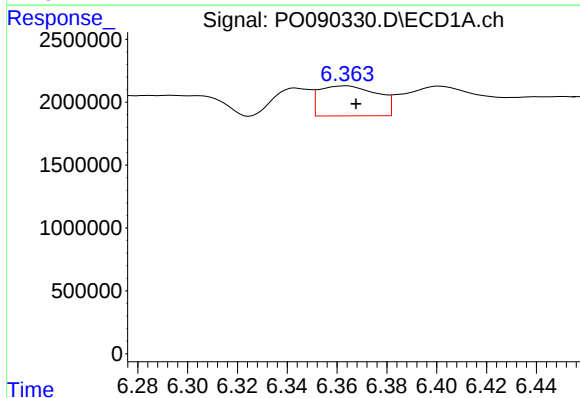
R.T.: 5.957 min
Delta R.T.: -0.004 min
Response: 2850593
Conc: 28.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



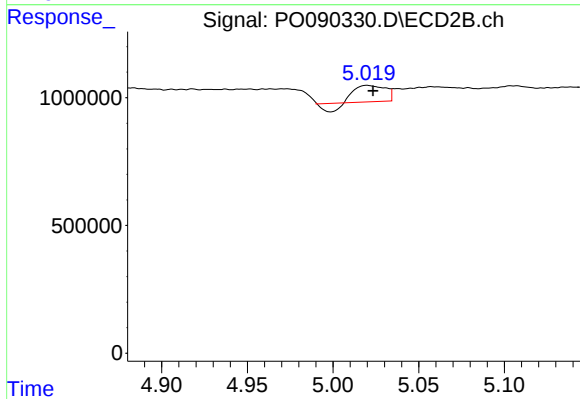
#23 AR-1248-3

R.T.: 4.846 min
Delta R.T.: -0.006 min
Response: 957019
Conc: 28.39 ng/ml



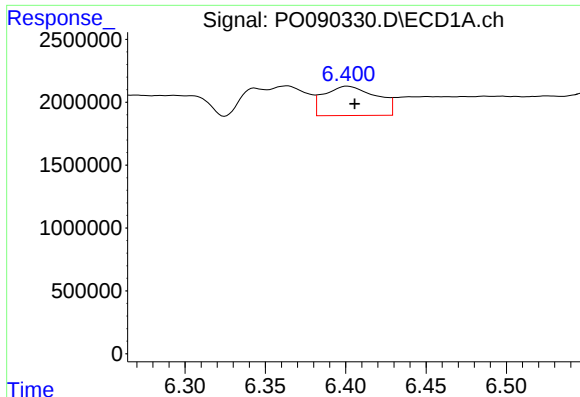
#24 AR-1248-4

R.T.: 6.363 min
Delta R.T.: -0.004 min
Response: 3864871
Conc: 36.25 ng/ml



#24 AR-1248-4

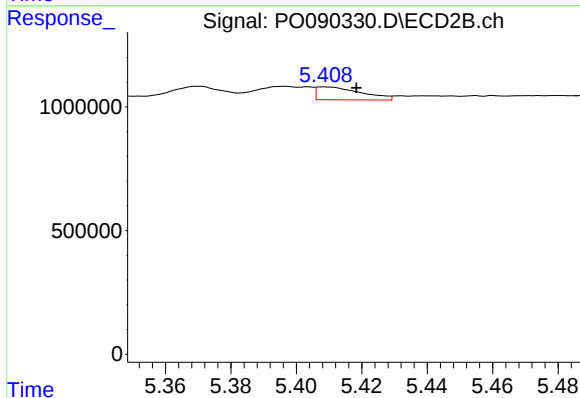
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 653766
Conc: 16.90 ng/ml



#25 AR-1248-5

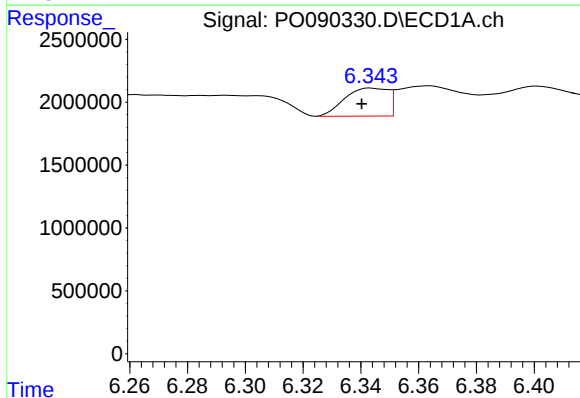
R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 5295734
Conc: 50.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



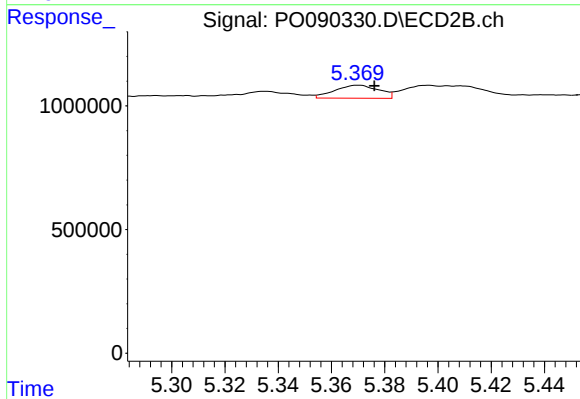
#25 AR-1248-5

R.T.: 5.409 min
Delta R.T.: -0.010 min
Response: 493272
Conc: 13.62 ng/ml



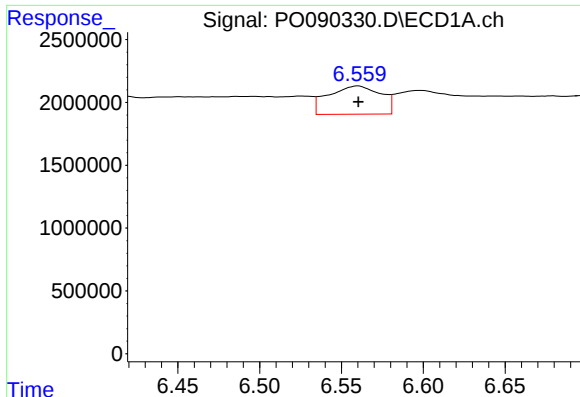
#26 AR-1254-1

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 2306303
Conc: 19.90 ng/ml



#26 AR-1254-1

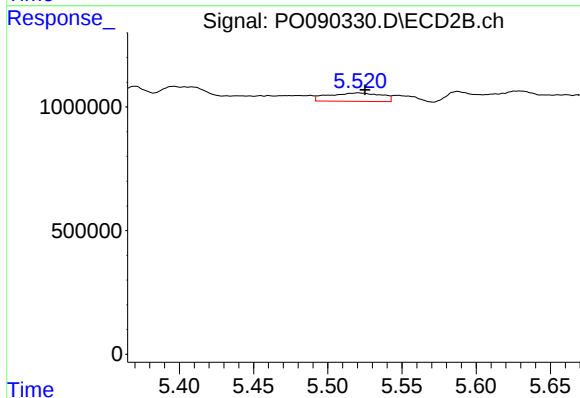
R.T.: 5.370 min
Delta R.T.: -0.006 min
Response: 603869
Conc: 10.25 ng/ml



#27 AR-1254-2

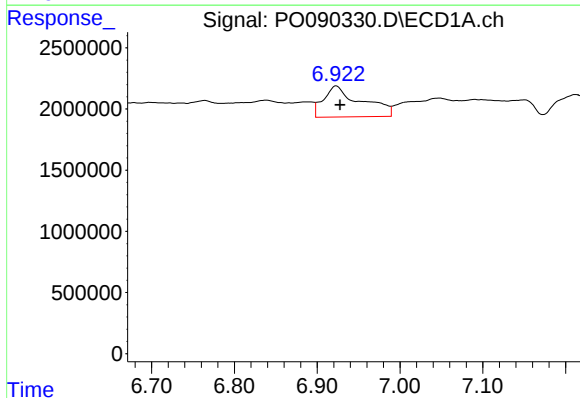
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 5006941
Conc: 28.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



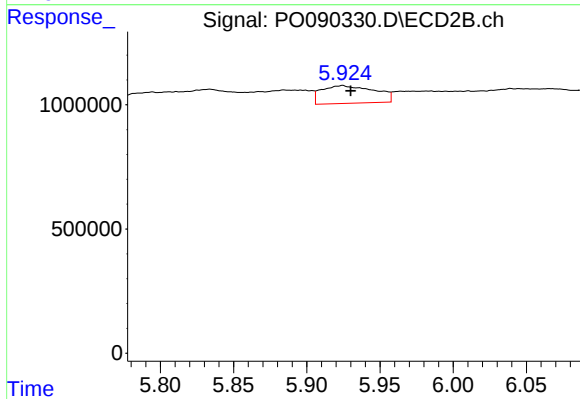
#27 AR-1254-2

R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 848701
Conc: 15.84 ng/ml



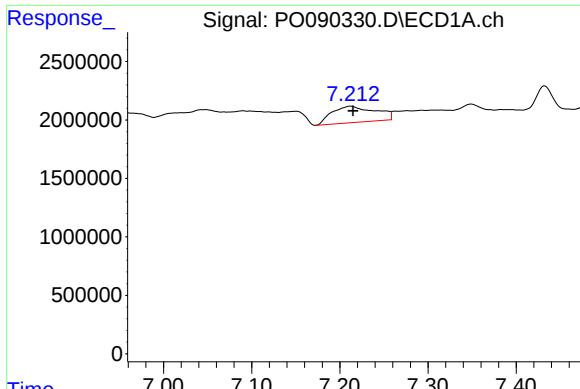
#28 AR-1254-3

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 8034045
Conc: 46.28 ng/ml



#28 AR-1254-3

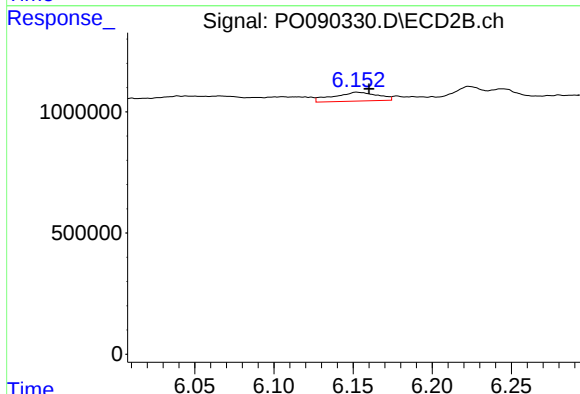
R.T.: 5.925 min
Delta R.T.: -0.005 min
Response: 1807735
Conc: 21.81 ng/ml



#29 AR-1254-4

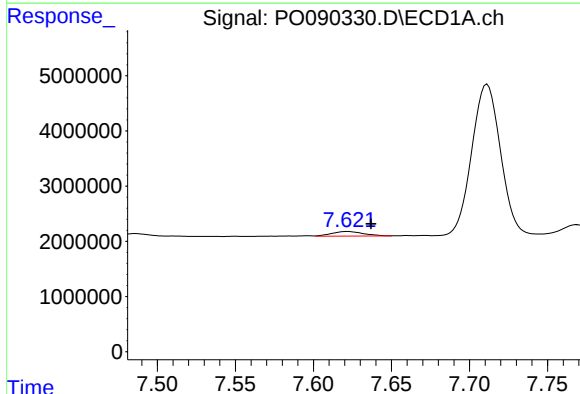
R.T.: 7.212 min
Delta R.T.: -0.003 min
Response: 4803004
Conc: 37.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



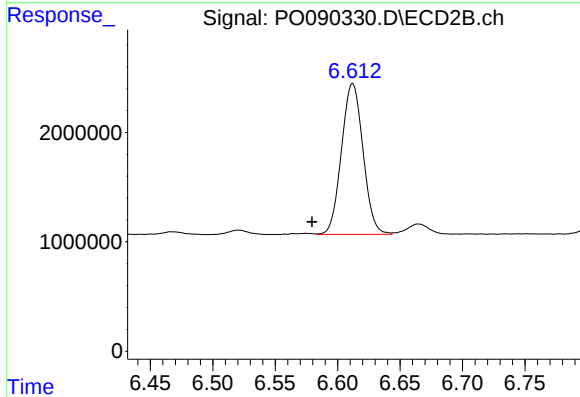
#29 AR-1254-4

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 707422
Conc: 14.24 ng/ml



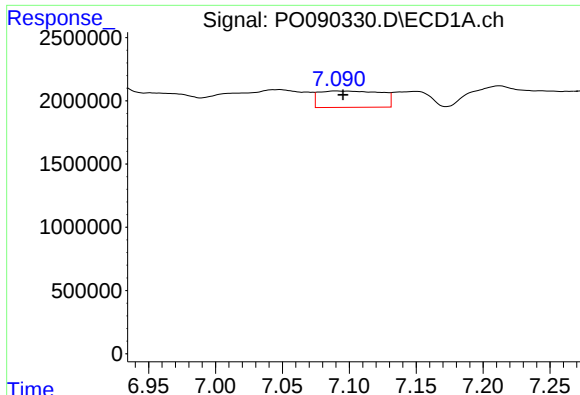
#30 AR-1254-5

R.T.: 7.622 min
Delta R.T.: -0.015 min
Response: 1146315
Conc: 8.14 ng/ml



#30 AR-1254-5

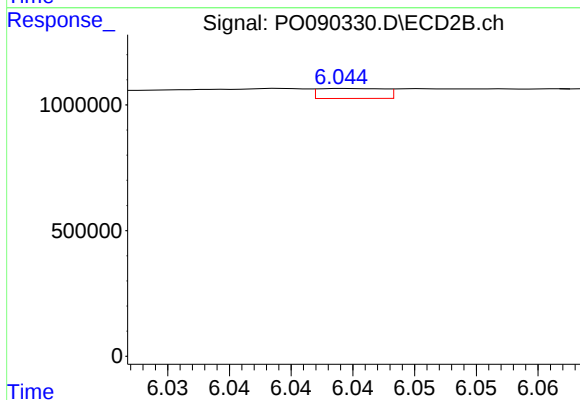
R.T.: 6.612 min
Delta R.T.: 0.033 min
Response: 16600759
Conc: 221.71 ng/ml



#31 AR-1260-1

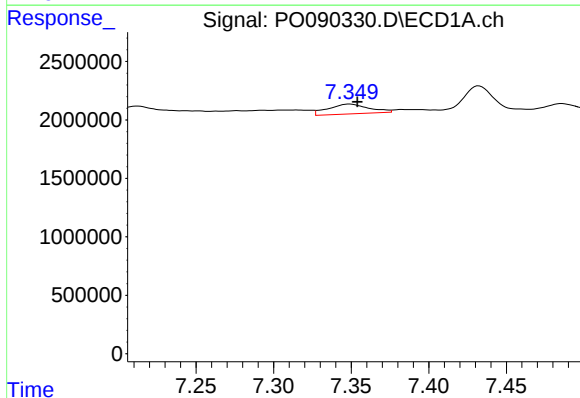
R.T.: 7.090 min
Delta R.T.: -0.005 min
Response: 4180656
Conc: 29.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



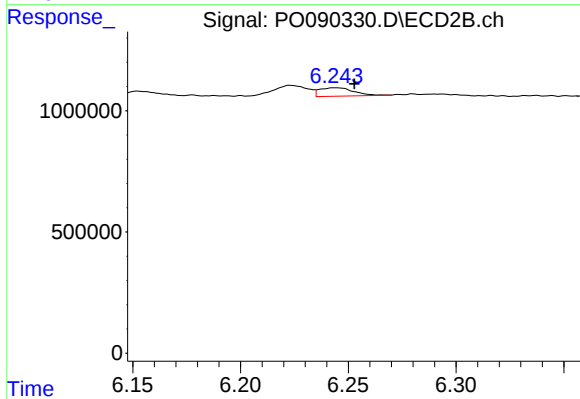
#31 AR-1260-1

R.T.: 6.045 min
Delta R.T.: -0.019 min
Response: 147345
Conc: 2.45 ng/ml



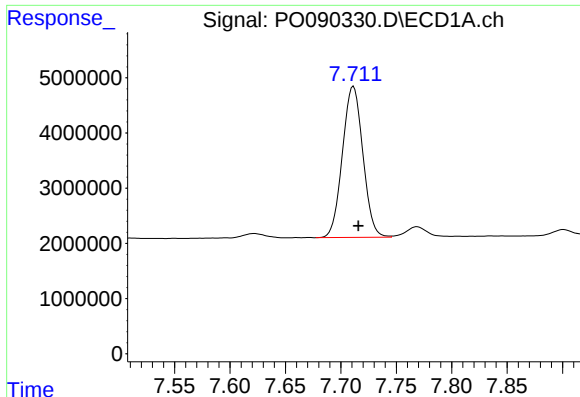
#32 AR-1260-2

R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 1525995
Conc: 9.43 ng/ml



#32 AR-1260-2

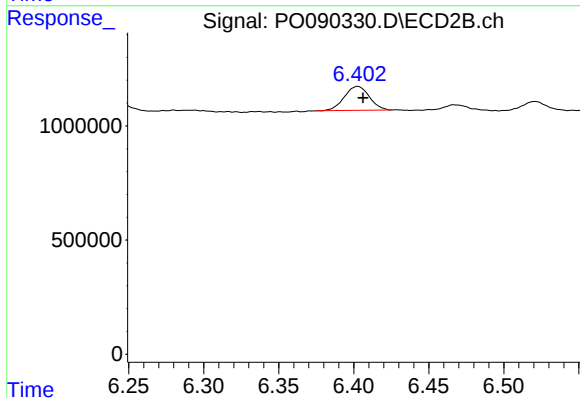
R.T.: 6.244 min
Delta R.T.: -0.009 min
Response: 378386
Conc: 5.24 ng/ml



#33 AR-1260-3

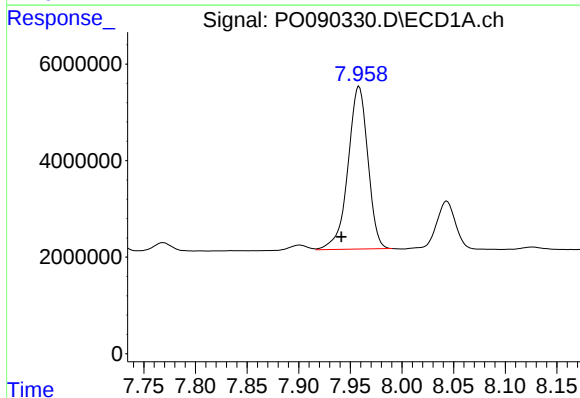
R.T.: 7.711 min
Delta R.T.: -0.005 min
Response: 35160310
Conc: 334.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



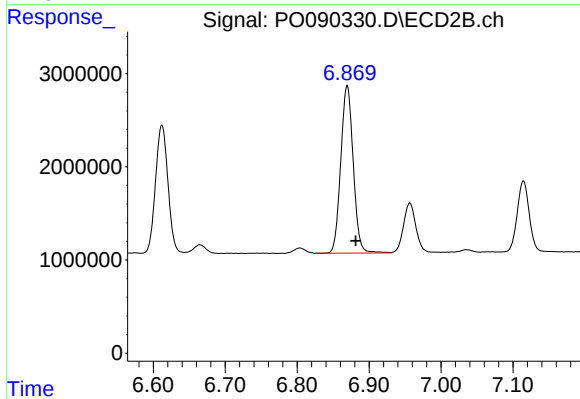
#33 AR-1260-3

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 1220980
Conc: 18.32 ng/ml



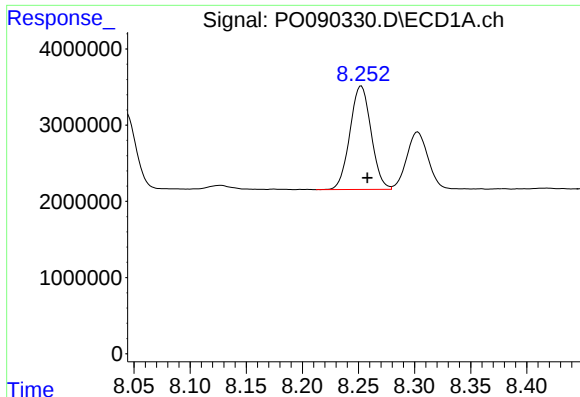
#34 AR-1260-4

R.T.: 7.958 min
Delta R.T.: 0.017 min
Response: 45193072
Conc: 365.81 ng/ml



#34 AR-1260-4

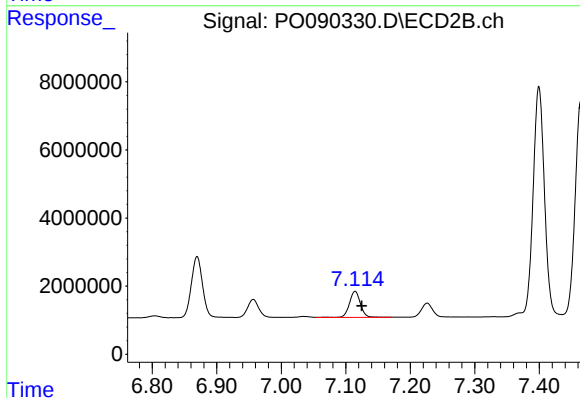
R.T.: 6.870 min
Delta R.T.: -0.012 min
Response: 21609306
Conc: 424.76 ng/ml



#35 AR-1260-5

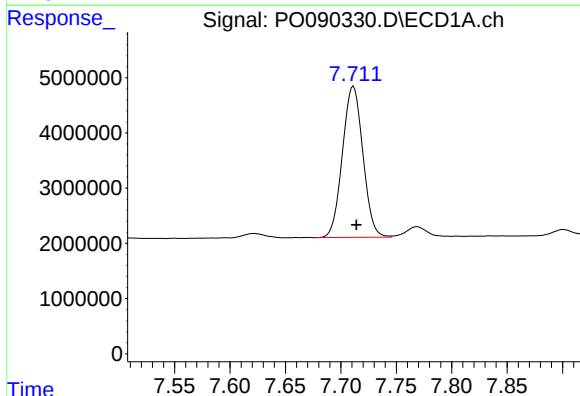
R.T.: 8.253 min
Delta R.T.: -0.006 min
Response: 17852996
Conc: 78.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



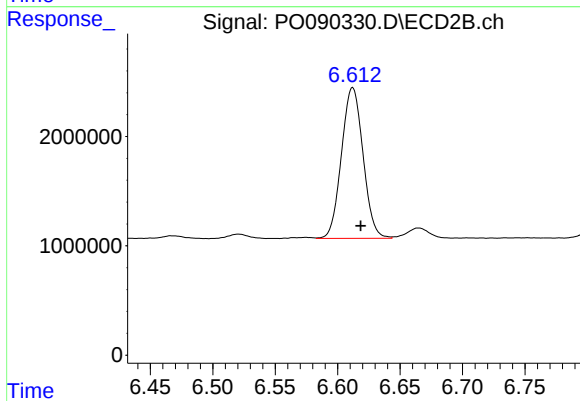
#35 AR-1260-5

R.T.: 7.115 min
Delta R.T.: -0.010 min
Response: 9031773
Conc: 77.76 ng/ml



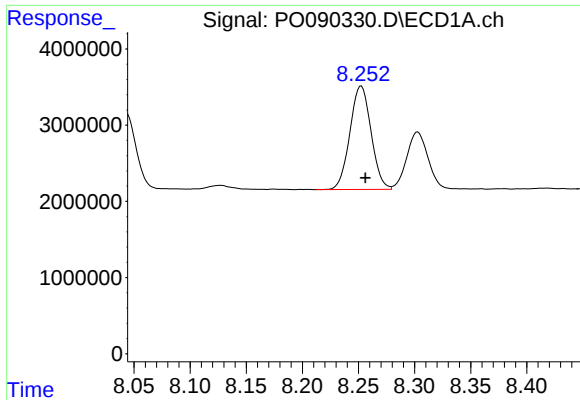
#36 AR-1262-1

R.T.: 7.711 min
Delta R.T.: -0.003 min
Response: 35160310
Conc: 212.10 ng/ml



#36 AR-1262-1

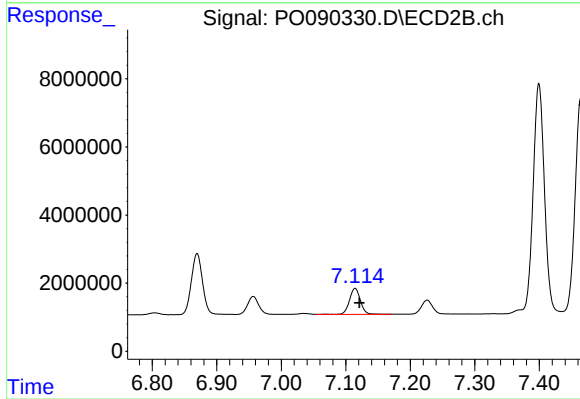
R.T.: 6.612 min
Delta R.T.: -0.006 min
Response: 16600759
Conc: 219.09 ng/ml



#37 AR-1262-2

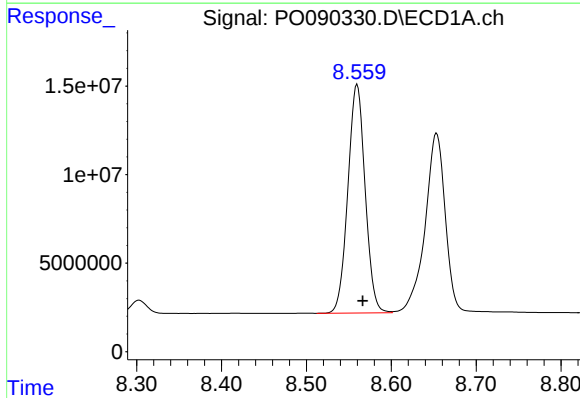
R.T.: 8.253 min
Delta R.T.: -0.004 min
Response: 17852996
Conc: 63.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



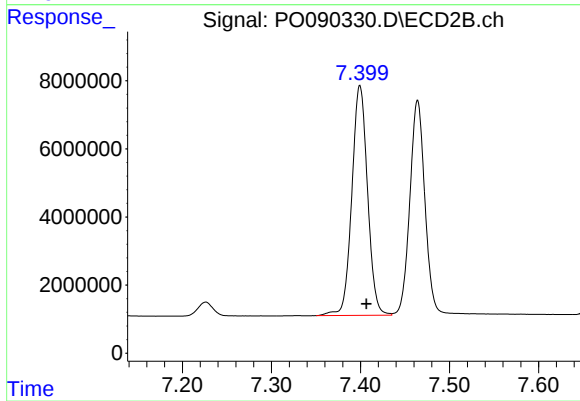
#37 AR-1262-2

R.T.: 7.115 min
Delta R.T.: -0.007 min
Response: 9031773
Conc: 70.43 ng/ml



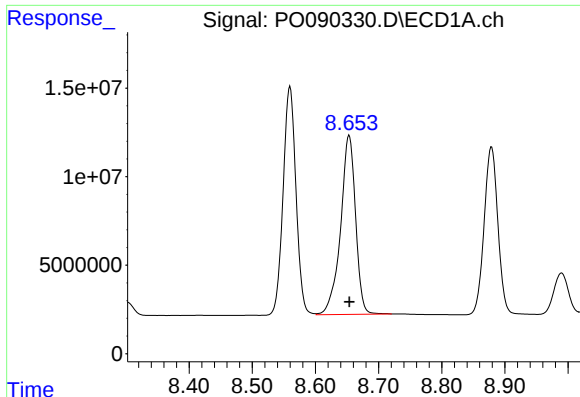
#38 AR-1262-3

R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 182605562
Conc: 929.99 ng/ml



#38 AR-1262-3

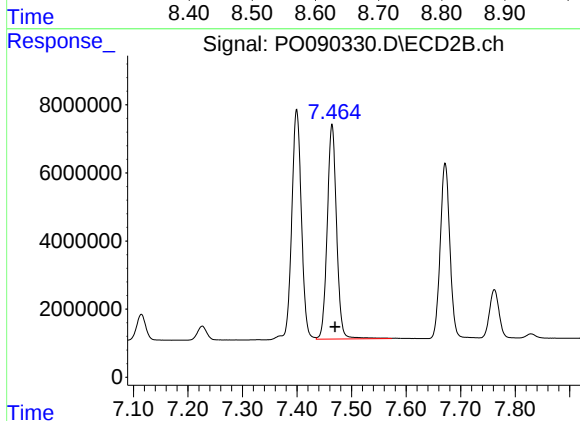
R.T.: 7.399 min
Delta R.T.: -0.007 min
Response: 82858613
Conc: 1521.50 ng/ml



#39 AR-1262-4

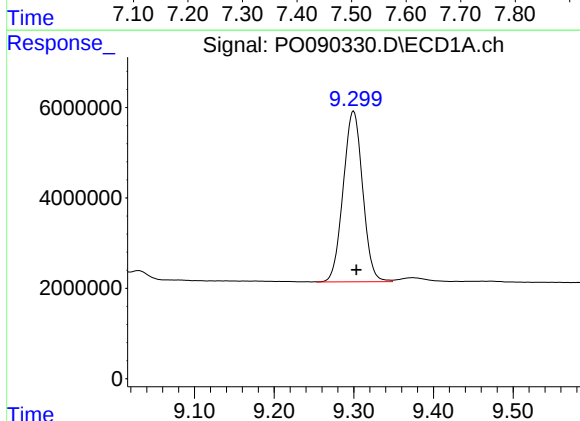
R.T.: 8.653 min
Delta R.T.: 0.000 min
Response: 166786027
Conc: 1714.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



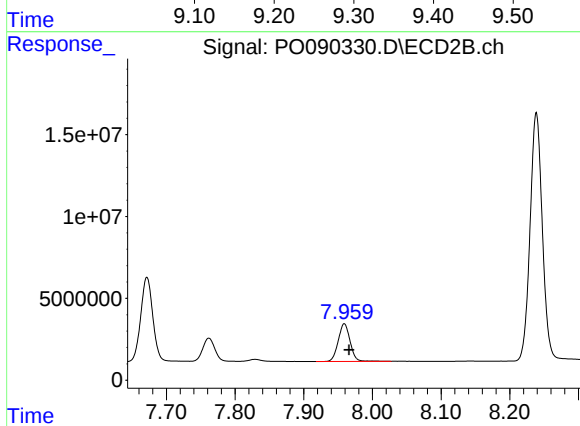
#39 AR-1262-4

R.T.: 7.464 min
Delta R.T.: -0.006 min
Response: 75281582
Conc: 775.14 ng/ml



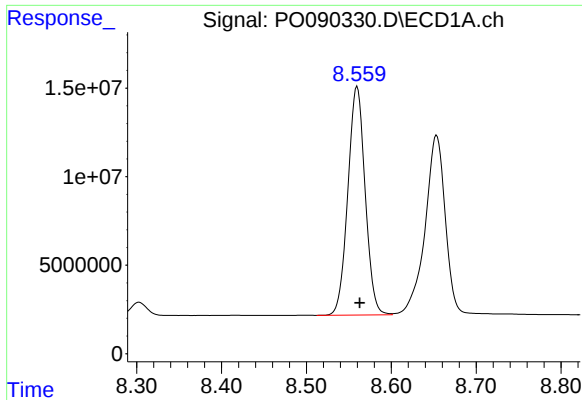
#40 AR-1262-5

R.T.: 9.300 min
Delta R.T.: -0.003 min
Response: 64093232
Conc: 608.26 ng/ml



#40 AR-1262-5

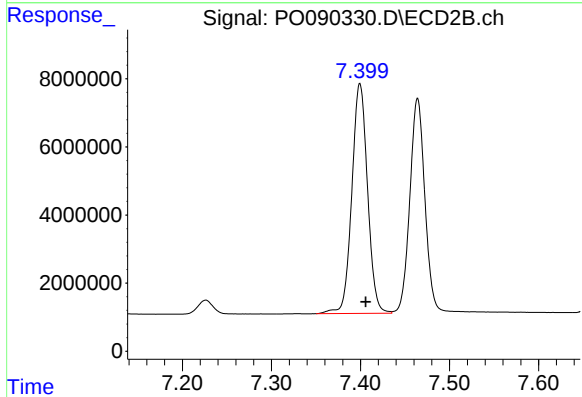
R.T.: 7.959 min
Delta R.T.: -0.007 min
Response: 27607421
Conc: 581.69 ng/ml



#41 AR-1268-1

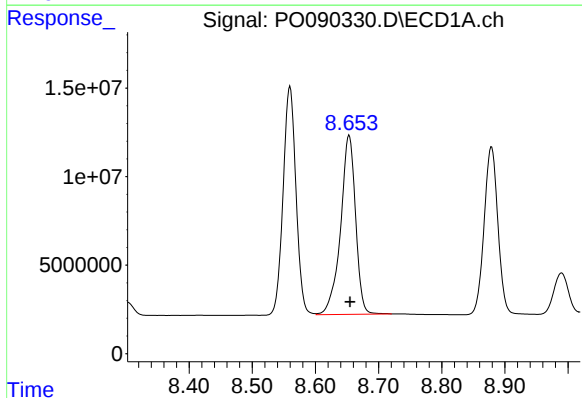
R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 182605562
Conc: 523.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



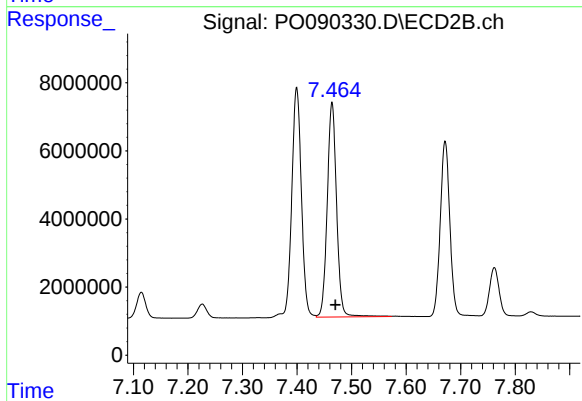
#41 AR-1268-1

R.T.: 7.399 min
Delta R.T.: -0.007 min
Response: 82858613
Conc: 525.92 ng/ml



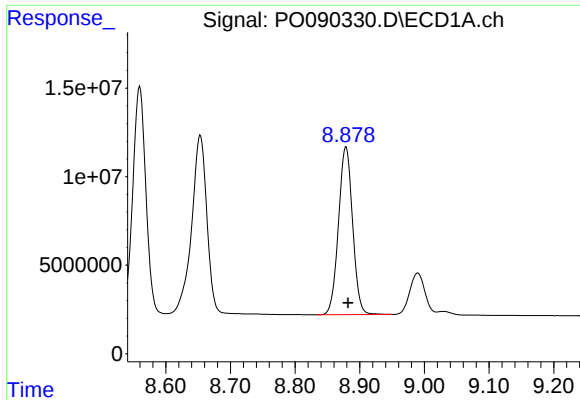
#42 AR-1268-2

R.T.: 8.653 min
Delta R.T.: -0.001 min
Response: 166786027
Conc: 534.63 ng/ml



#42 AR-1268-2

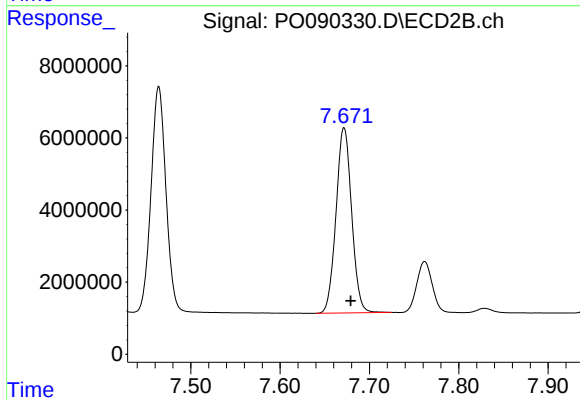
R.T.: 7.464 min
Delta R.T.: -0.006 min
Response: 75281582
Conc: 536.55 ng/ml



#43 AR-1268-3

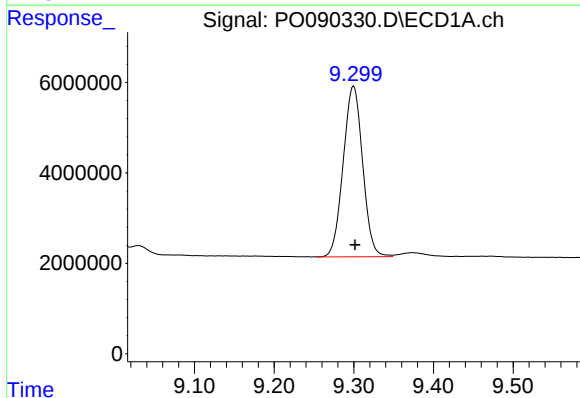
R.T.: 8.879 min
Delta R.T.: -0.003 min
Response: 143506301
Conc: 534.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



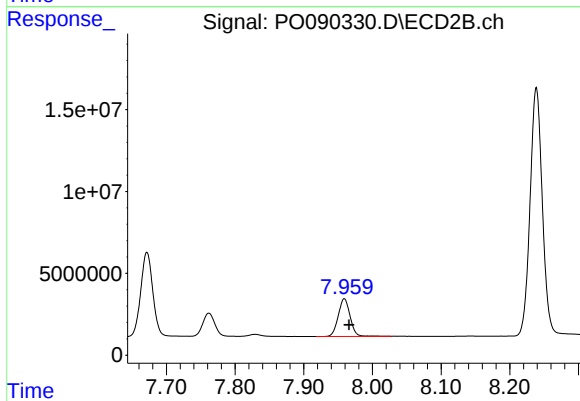
#43 AR-1268-3

R.T.: 7.672 min
Delta R.T.: -0.007 min
Response: 62336352
Conc: 519.44 ng/ml



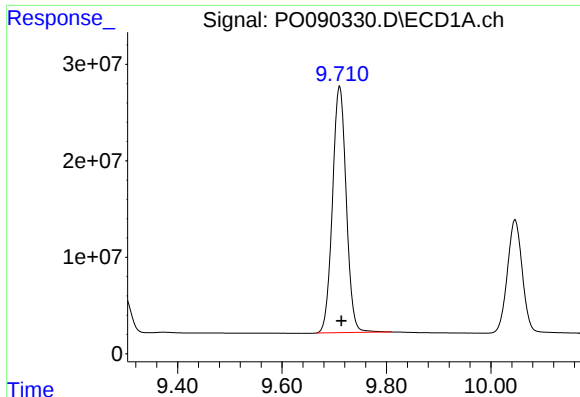
#44 AR-1268-4

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 64093232
Conc: 550.06 ng/ml



#44 AR-1268-4

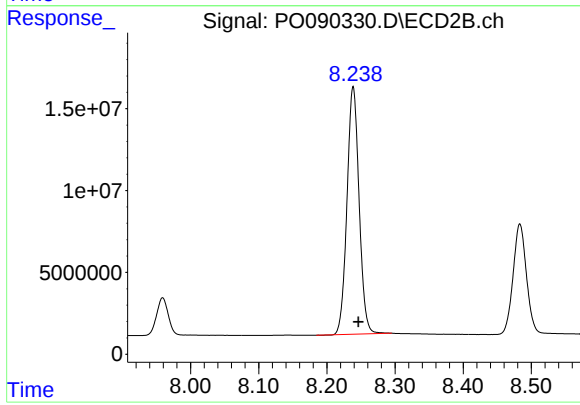
R.T.: 7.959 min
Delta R.T.: -0.007 min
Response: 27607421
Conc: 508.33 ng/ml



#45 AR-1268-5

R.T.: 9.710 min
Delta R.T.: -0.003 min
Response: 467840270
Conc: 545.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.239 min
Delta R.T.: -0.007 min
Response: 186416986
Conc: 532.52 ng/ml