

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091918\
 Data File : PQ032031.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2018 10:19
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 00:45:43 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 2018
 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...	4.594	3.873	120.5E6	106.8E6	51.954	53.323
2)	SA Decachlor...	10.453	8.952	96401689	89319393	46.244	46.127
Target Compounds							
3)	L1 AR-1016-1	5.307	4.555	26612414	24050012	502.858	498.445
4)	L1 AR-1016-2	5.503	4.971	26679701	33649437	508.767	498.641
5)	L1 AR-1016-3	5.772	4.990	37060515	47706738	502.499	510.610
6)	L1 AR-1016-4	5.858	5.048	33228220	30719862	486.775	517.418
7)	L1 AR-1016-5	6.252	5.425	27004756	27815483	495.896	532.231
8)	L2 AR-1221-1	4.800	4.087	3473137	2843414	147.296	140.256
9)	L2 AR-1221-2	4.891	4.177	4855726	4549840	276.639	291.230
10)	L2 AR-1221-3	4.969	4.253	19328060	17263386	348.981	352.512
11)	L3 AR-1232-1	5.794	4.751	54760127	24390580	1321.162	1399.330
12)	L3 AR-1232-2	5.958	4.864	26885056	6972784	1299.638	1381.945
13)	L3 AR-1232-3	6.129	5.251	8988350	23858851	1559.708	1521.139
14)	L3 AR-1232-4	6.462	5.575	6630945	28333692	1374.668	1534.253
15)	L3 AR-1232-5	7.327	6.157	6686576	1367240	2596.581	479.158 #
16)	L4 AR-1242-1	5.337	4.576	15269783	13235564	690.132	665.845
17)	L4 AR-1242-2	6.091	5.170	24777563	24974733	682.475	696.148
18)	L4 AR-1242-3	6.294	5.284	11600630	8125687	680.737	690.180
19)	L4 AR-1242-4	6.337	5.649	8759965	6815250	575.332	653.588
20)	L4 AR-1242-5	6.394	6.022	28458077	2272506	626.297	95.740 #
21)	L5 AR-1248-1	6.045	5.208	23559008	19201720	407.086	390.418
22)	L5 AR-1248-2	6.630	5.778	25101552	25527276	446.593	279.243 #
23)	L5 AR-1248-3	6.656	5.820	9122521	6020845	121.962	95.197
24)	L5 AR-1248-4	6.695	5.996	7591631	1222088	107.237	22.401 #
25)	L5 AR-1248-5	6.846	6.345	20794381	42981595	454.618	1056.030 #
26)	L6 AR-1254-1	6.846	5.924	20794381	17923616	125.407	149.071
27)	L6 AR-1254-2	7.131	6.242	3486389	3595921	34.275	36.385
28)	L6 AR-1254-3	7.218	6.560	11284083	3379984	62.047	26.952 #
29)	L6 AR-1254-4	7.503	6.885	9146684	6466842	68.644	73.519
30)	L6 AR-1254-5	7.766	6.978	26911825	69475388	263.207	399.965 #
31)	L7 AR-1260-1	7.380	6.462	53013467	51493199	454.503	480.601
32)	L7 AR-1260-2	7.636	6.647	62017688	63423385	462.150	490.344
33)	L7 AR-1260-3	7.921	6.805	72559195	59028764	468.276	489.159
34)	L7 AR-1260-4	8.230	7.276	51666308	47272991	452.275	482.618
35)	L7 AR-1260-5	8.562	7.516	104.4E6	115.4E6	458.360	483.124
36)	L8 AR-1262-1	7.274	6.345	34072855	42981595	576.350	816.182 #
37)	L8 AR-1262-2	8.054	7.068	22925631	24933620	454.810	494.193
38)	L8 AR-1262-3	8.314	7.375	25106404	25642306	441.611	469.425
39)	L8 AR-1262-4	8.963	7.800	39454311	23701386	344.230	265.182
40)	L8 AR-1262-5	9.667	8.371	27470925	27895408	337.954	352.788
41)	L9 AR-1268-1	7.995	7.014	44000875	50326576	837.502	998.746

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 Acq On : 19 Sep 2018 10:19
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

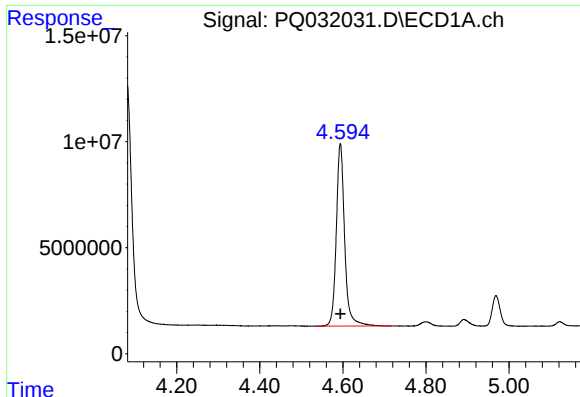
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 00:45:43 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 2018
 Response via : Initial Calibration
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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	8.230	7.865	51666308	82119974	758.655	309.355 #
43) L9	AR-1268-3	8.905	8.073	66896401	1341915	229.821	6.142 #
44) L9	AR-1268-4	0.000	8.168	0	1231662	N.D.	21.440 #
45) L9	AR-1268-5	10.098	8.680	8434005	7148128	11.364	10.048

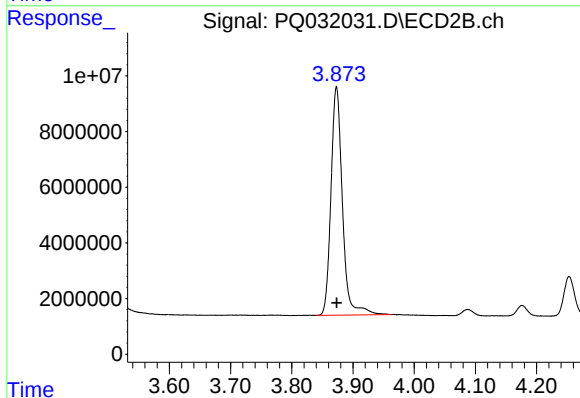
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

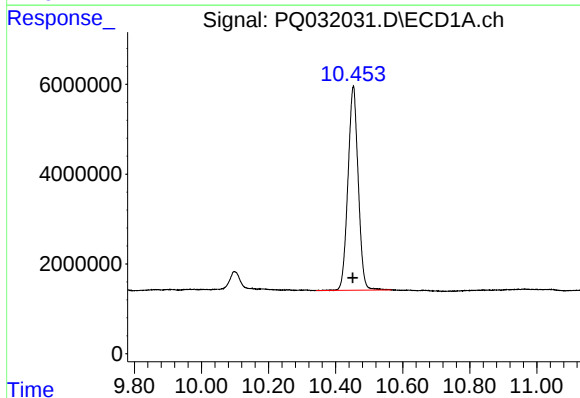
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 120466682
Conc: 51.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



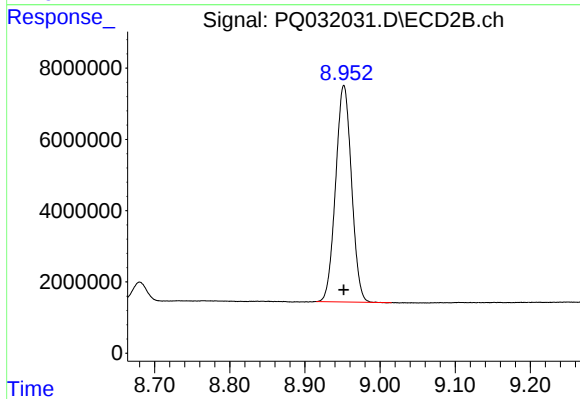
#1 Tetrachloro-m-xylene

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 106790615
Conc: 53.32 ng/ml



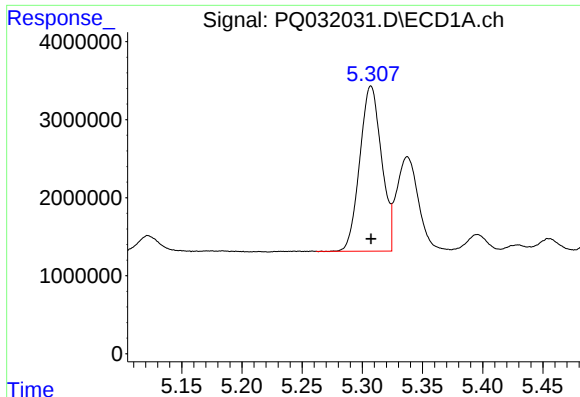
#2 Decachlorobiphenyl

R.T.: 10.453 min
Delta R.T.: 0.002 min
Response: 96401689
Conc: 46.24 ng/ml



#2 Decachlorobiphenyl

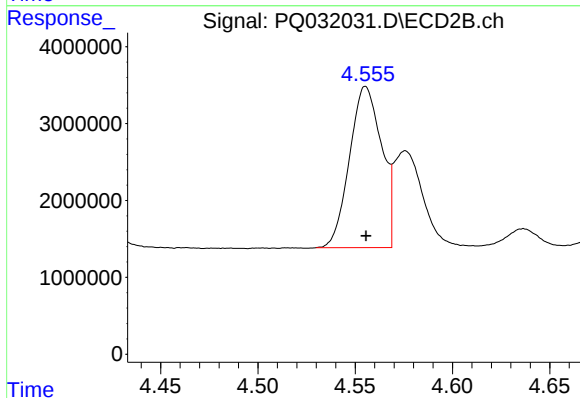
R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 89319393
Conc: 46.13 ng/ml



#3 AR-1016-1

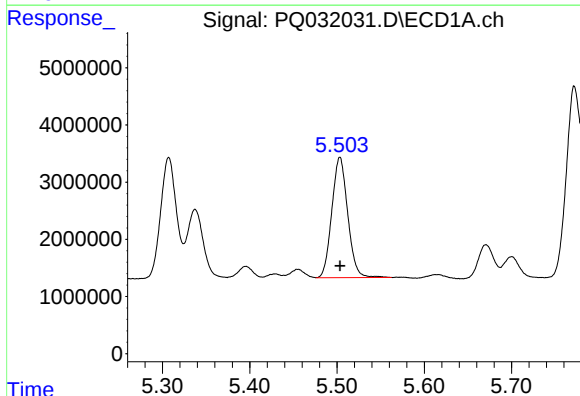
R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 26612414
Conc: 502.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



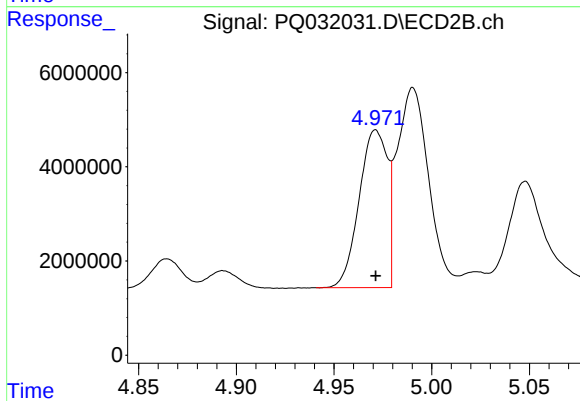
#3 AR-1016-1

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 24050012
Conc: 498.45 ng/ml



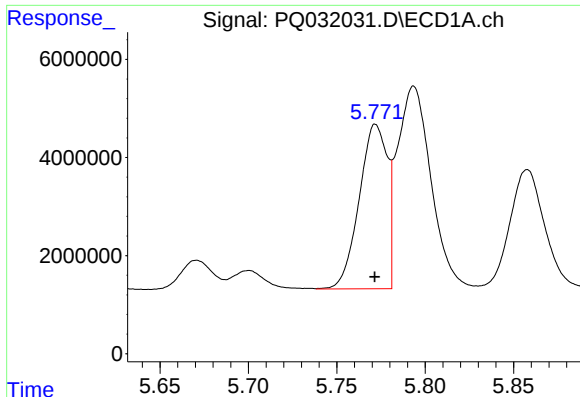
#4 AR-1016-2

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 26679701
Conc: 508.77 ng/ml



#4 AR-1016-2

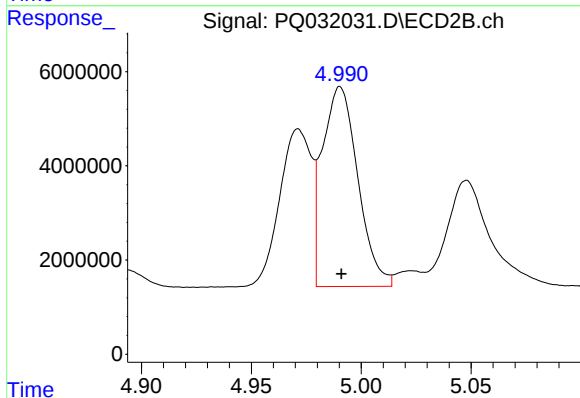
R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 33649437
Conc: 498.64 ng/ml



#5 AR-1016-3

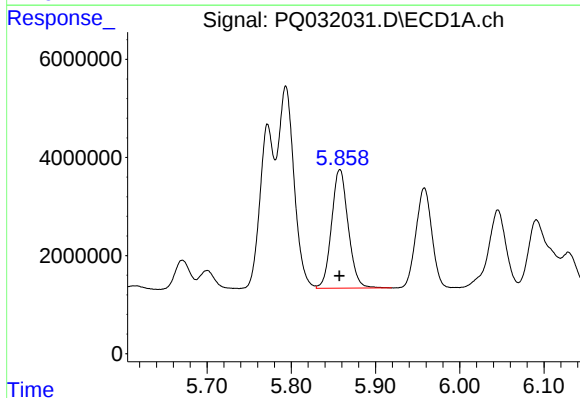
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 37060515
Conc: 502.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



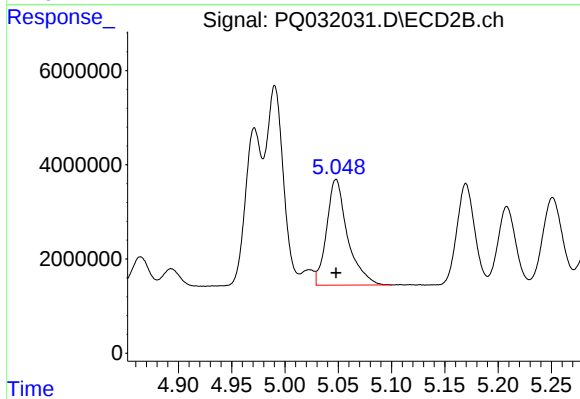
#5 AR-1016-3

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 47706738
Conc: 510.61 ng/ml



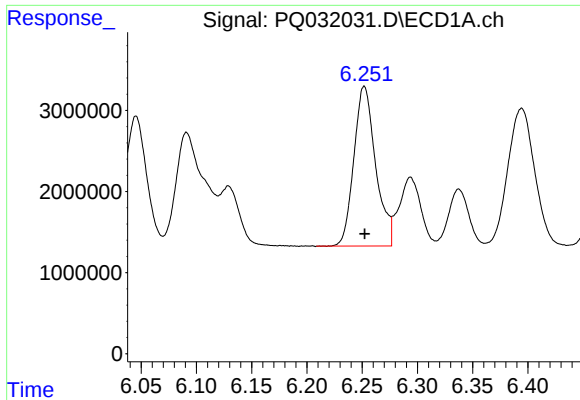
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 33228220
Conc: 486.78 ng/ml



#6 AR-1016-4

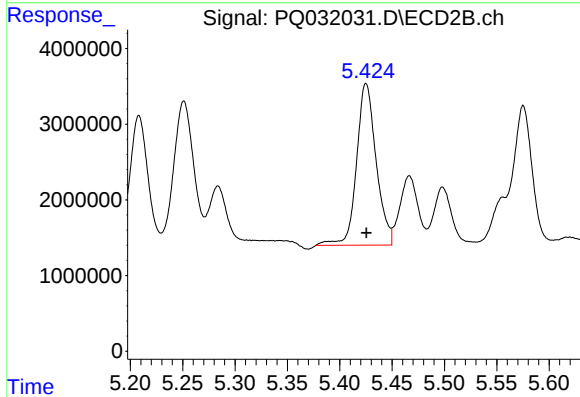
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 30719862
Conc: 517.42 ng/ml



#7 AR-1016-5

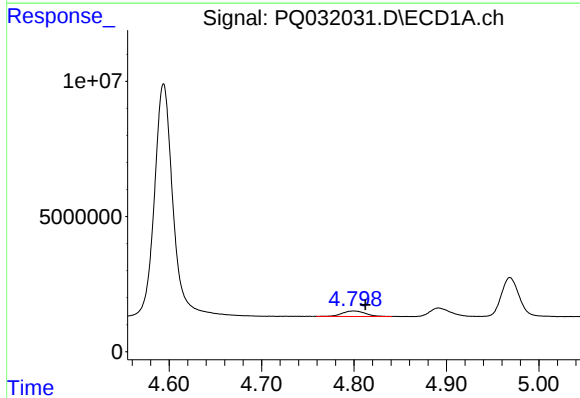
R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 27004756
Conc: 495.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



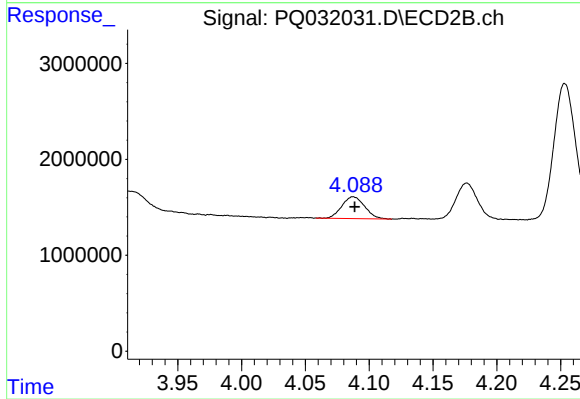
#7 AR-1016-5

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 27815483
Conc: 532.23 ng/ml



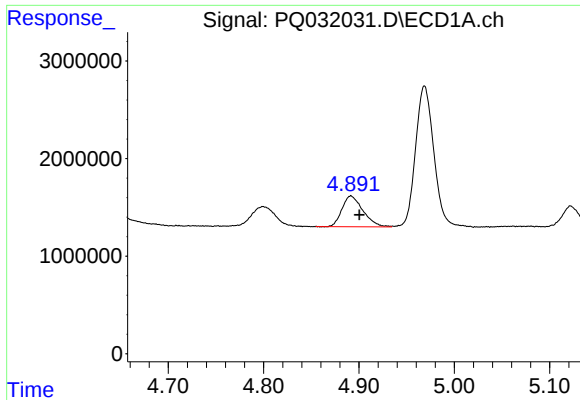
#8 AR-1221-1

R.T.: 4.800 min
Delta R.T.: -0.013 min
Response: 3473137
Conc: 147.30 ng/ml



#8 AR-1221-1

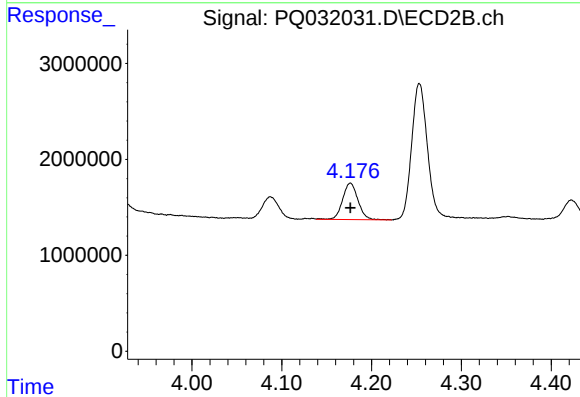
R.T.: 4.087 min
Delta R.T.: -0.001 min
Response: 2843414
Conc: 140.26 ng/ml



#9 AR-1221-2

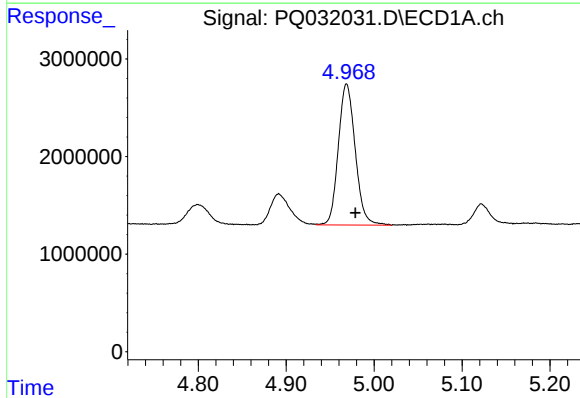
R.T.: 4.891 min
Delta R.T.: -0.009 min
Response: 4855726
Conc: 276.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



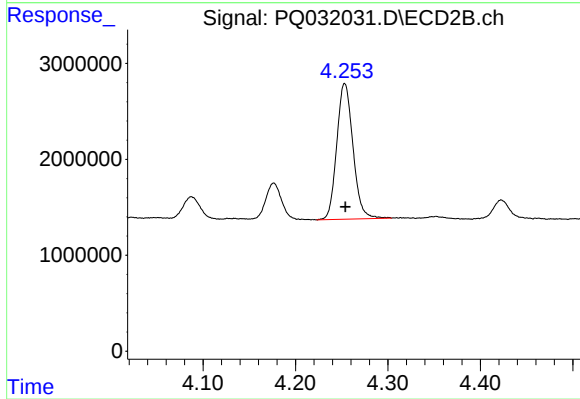
#9 AR-1221-2

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 4549840
Conc: 291.23 ng/ml



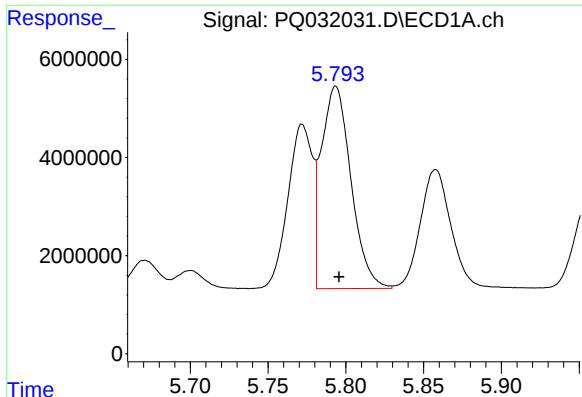
#10 AR-1221-3

R.T.: 4.969 min
Delta R.T.: -0.010 min
Response: 19328060
Conc: 348.98 ng/ml



#10 AR-1221-3

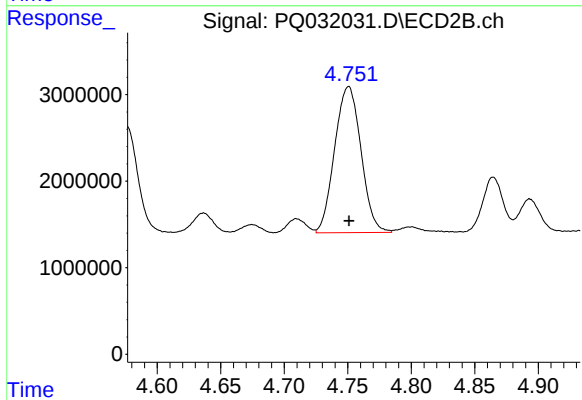
R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 17263386
Conc: 352.51 ng/ml



#11 AR-1232-1

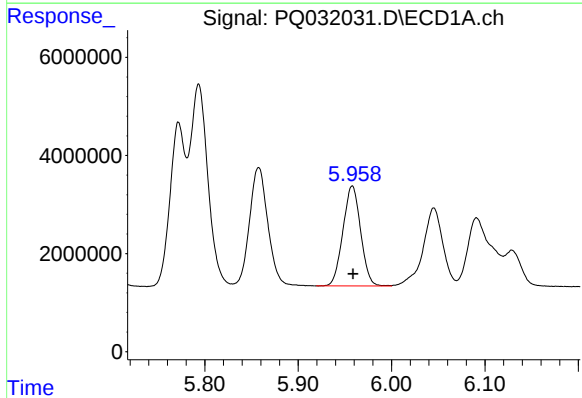
R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 54760127
Conc: 1321.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



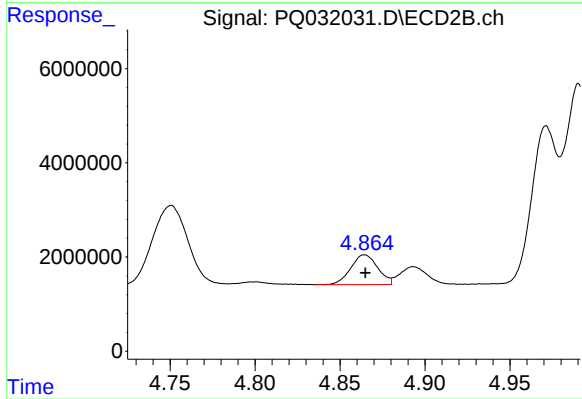
#11 AR-1232-1

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 24390580
Conc: 1399.33 ng/ml



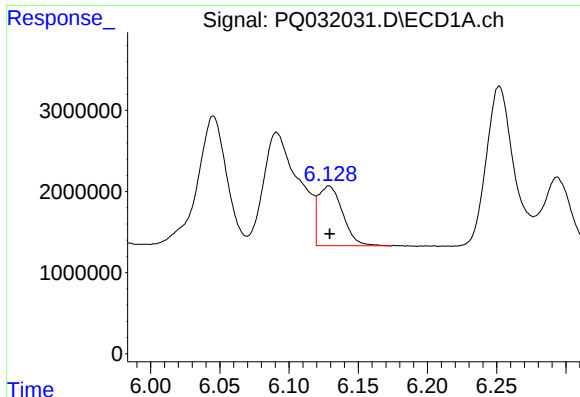
#12 AR-1232-2

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 26885056
Conc: 1299.64 ng/ml



#12 AR-1232-2

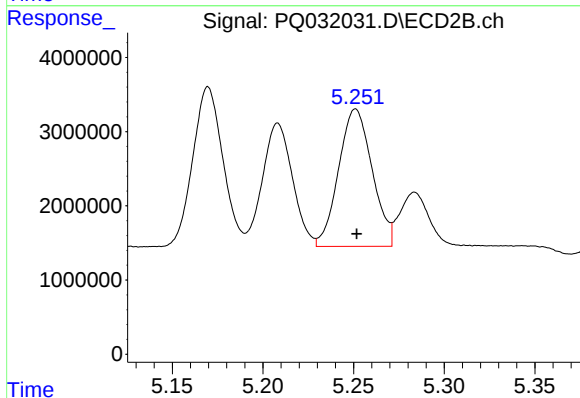
R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 6972784
Conc: 1381.95 ng/ml



#13 AR-1232-3

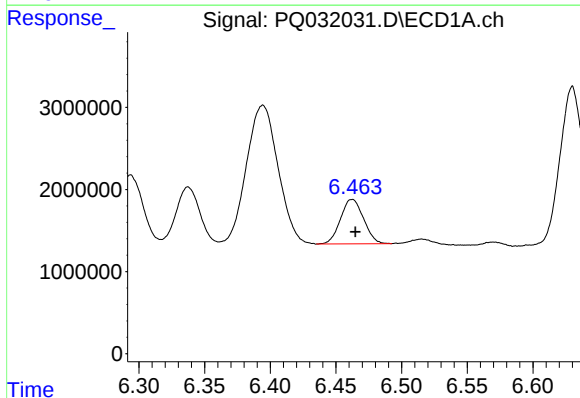
R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 8988350
Conc: 1559.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



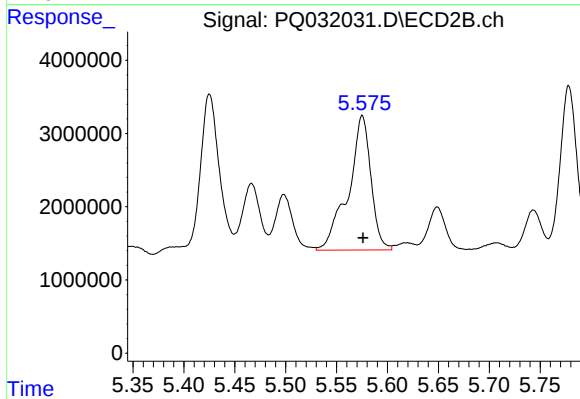
#13 AR-1232-3

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 23858851
Conc: 1521.14 ng/ml



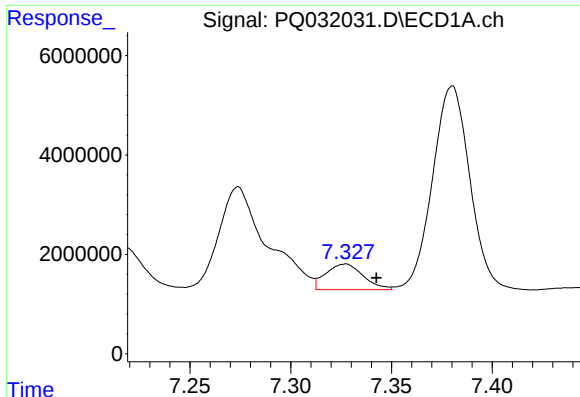
#14 AR-1232-4

R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 6630945
Conc: 1374.67 ng/ml



#14 AR-1232-4

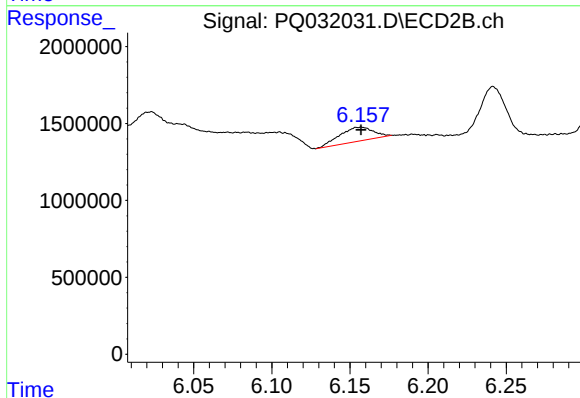
R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 28333692
Conc: 1534.25 ng/ml



#15 AR-1232-5

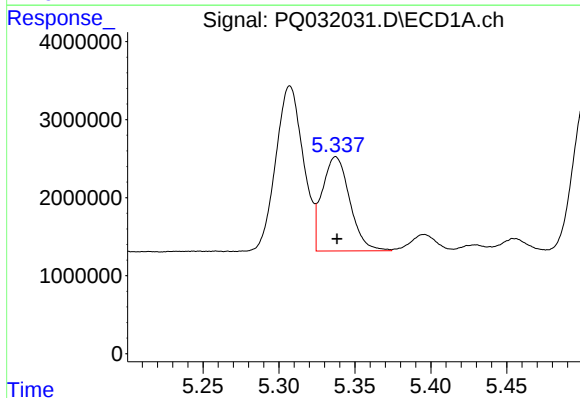
R.T.: 7.327 min
Delta R.T.: -0.015 min
Response: 6686576
Conc: 2596.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



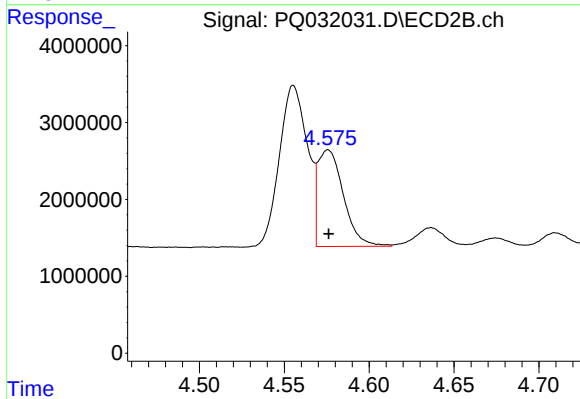
#15 AR-1232-5

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 1367240
Conc: 479.16 ng/ml



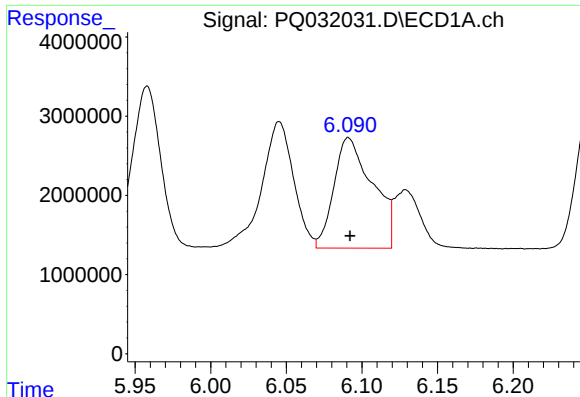
#16 AR-1242-1

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 15269783
Conc: 690.13 ng/ml



#16 AR-1242-1

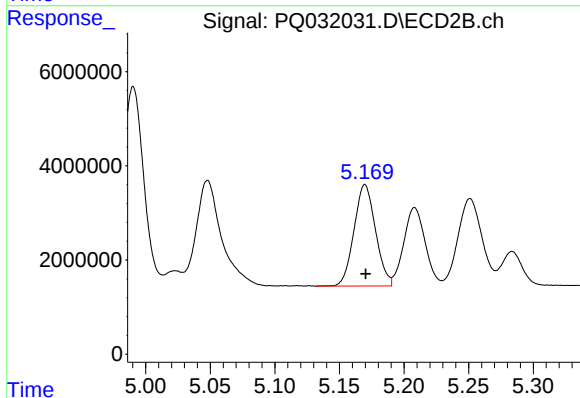
R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 13235564
Conc: 665.84 ng/ml



#17 AR-1242-2

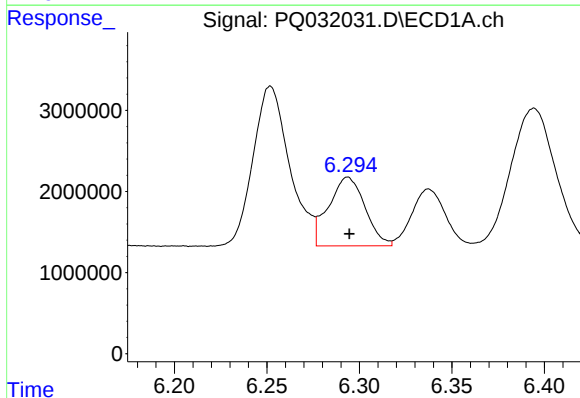
R.T.: 6.091 min
Delta R.T.: -0.001 min
Response: 24777563
Conc: 682.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



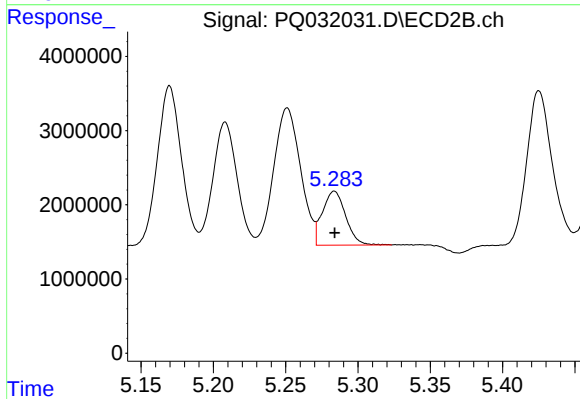
#17 AR-1242-2

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 24974733
Conc: 696.15 ng/ml



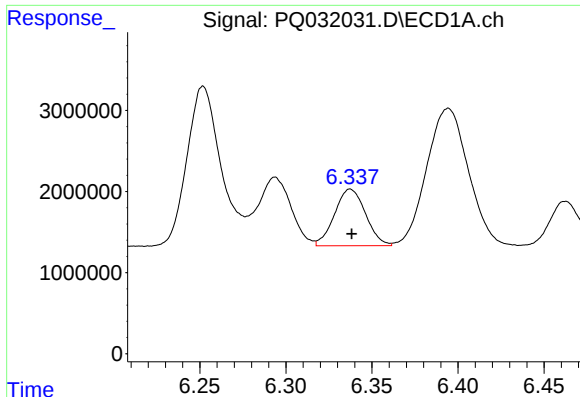
#18 AR-1242-3

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 11600630
Conc: 680.74 ng/ml



#18 AR-1242-3

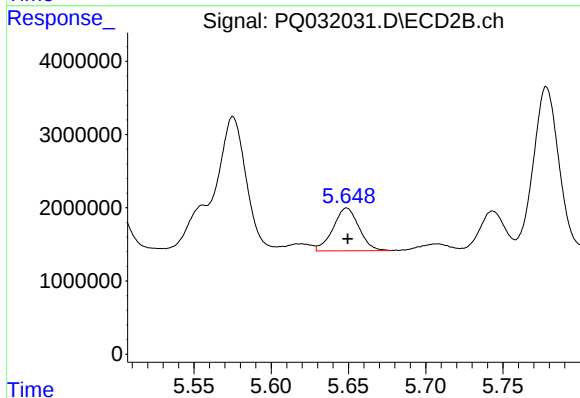
R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 8125687
Conc: 690.18 ng/ml



#19 AR-1242-4

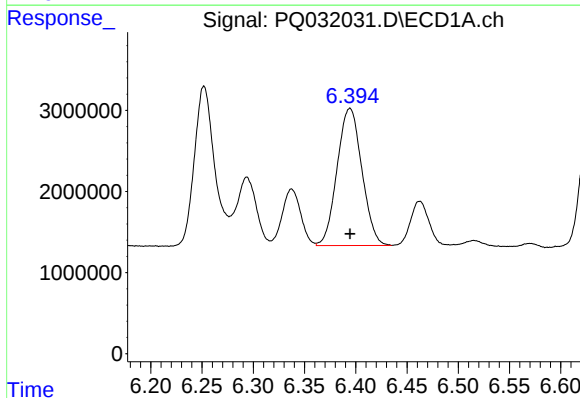
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 8759965
Conc: 575.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



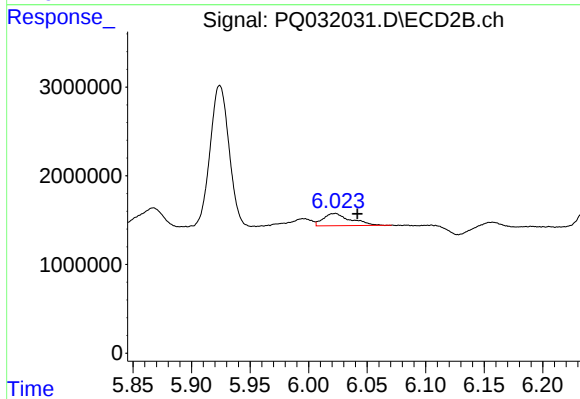
#19 AR-1242-4

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 6815250
Conc: 653.59 ng/ml



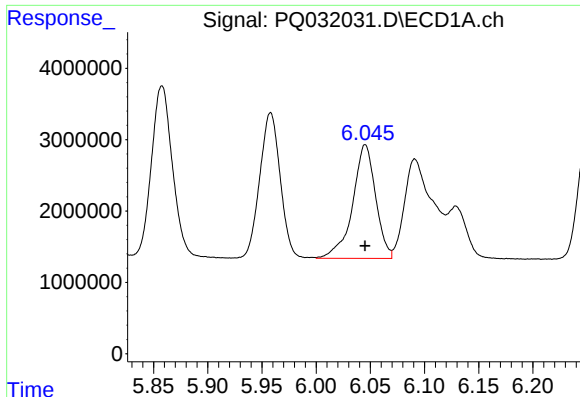
#20 AR-1242-5

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 28458077
Conc: 626.30 ng/ml



#20 AR-1242-5

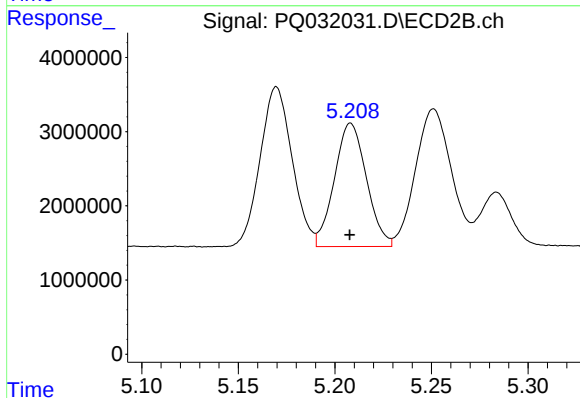
R.T.: 6.022 min
Delta R.T.: -0.019 min
Response: 2272506
Conc: 95.74 ng/ml



#21 AR-1248-1

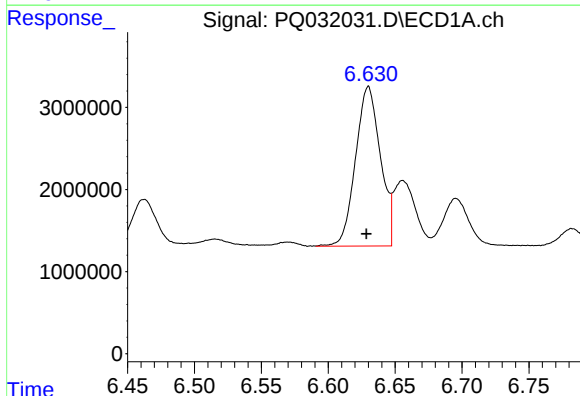
R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 23559008
Conc: 407.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



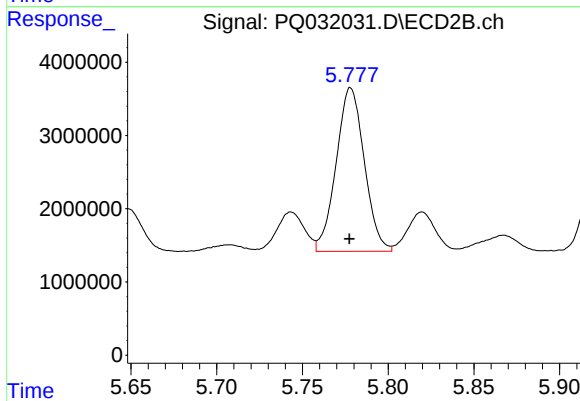
#21 AR-1248-1

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 19201720
Conc: 390.42 ng/ml



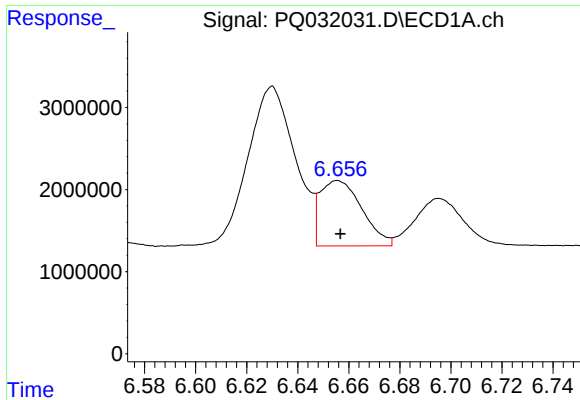
#22 AR-1248-2

R.T.: 6.630 min
Delta R.T.: 0.001 min
Response: 25101552
Conc: 446.59 ng/ml



#22 AR-1248-2

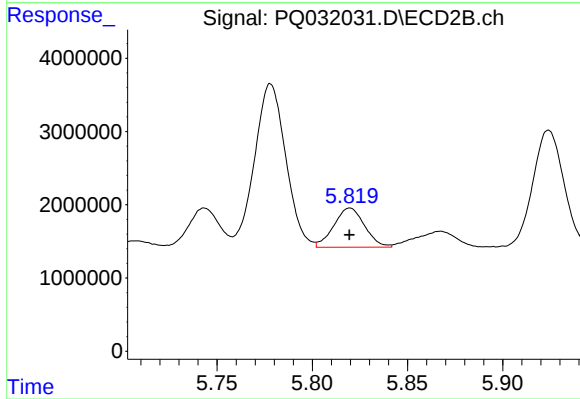
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 25527276
Conc: 279.24 ng/ml



#23 AR-1248-3

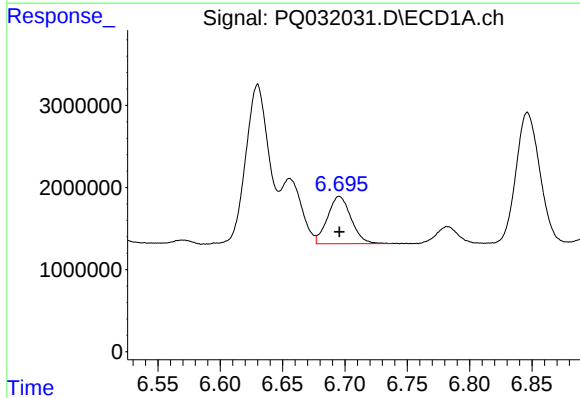
R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 9122521
Conc: 121.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



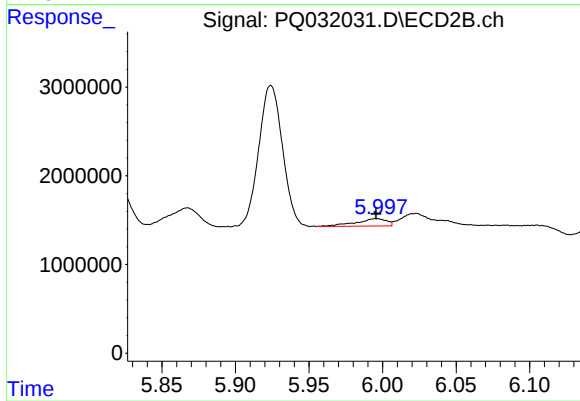
#23 AR-1248-3

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 6020845
Conc: 95.20 ng/ml



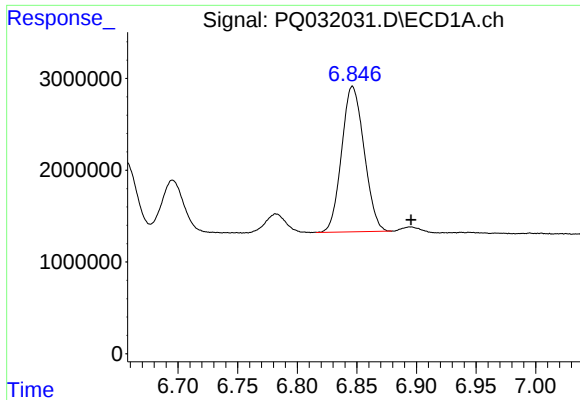
#24 AR-1248-4

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 7591631
Conc: 107.24 ng/ml



#24 AR-1248-4

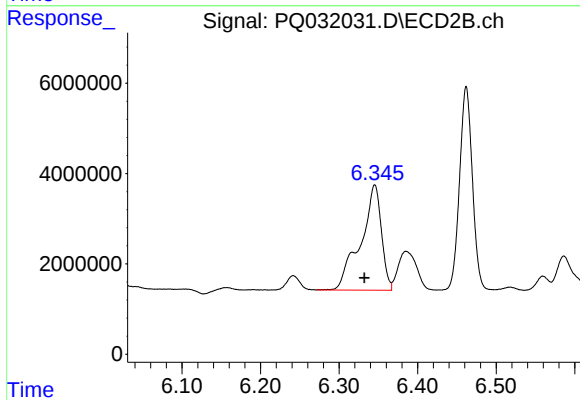
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 1222088
Conc: 22.40 ng/ml



#25 AR-1248-5

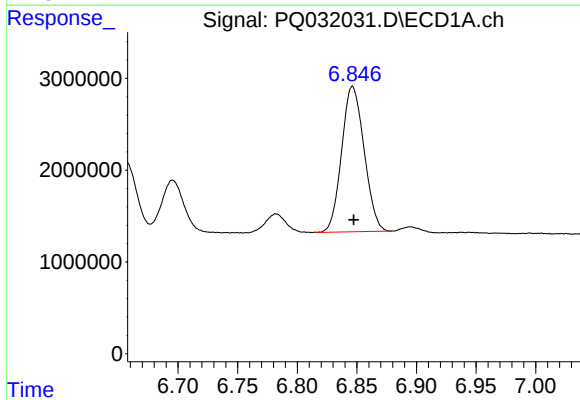
R.T.: 6.846 min
Delta R.T.: -0.049 min
Response: 20794381
Conc: 454.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



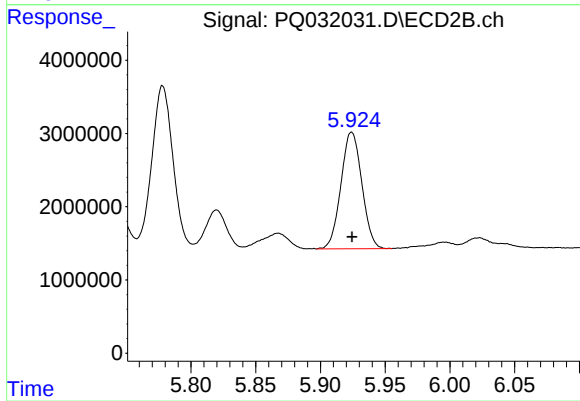
#25 AR-1248-5

R.T.: 6.345 min
Delta R.T.: 0.013 min
Response: 42981595
Conc: 1056.03 ng/ml



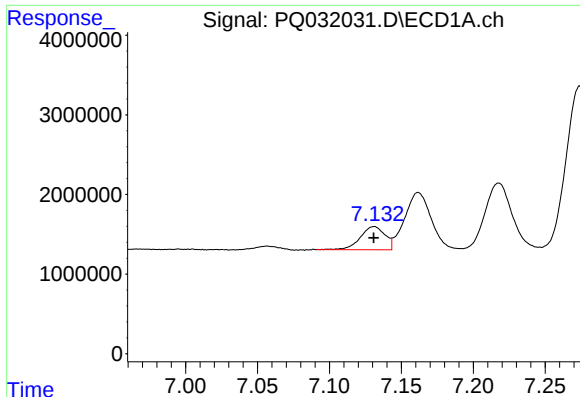
#26 AR-1254-1

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 20794381
Conc: 125.41 ng/ml



#26 AR-1254-1

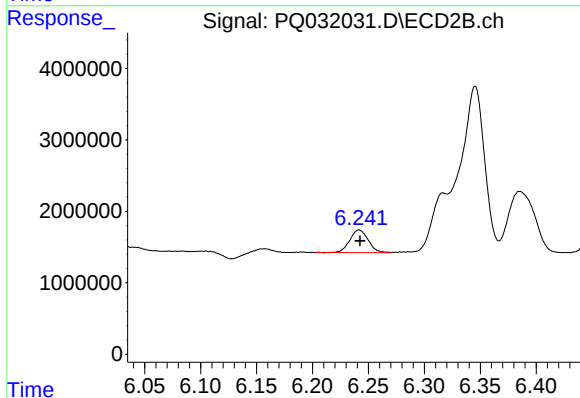
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 17923616
Conc: 149.07 ng/ml



#27 AR-1254-2

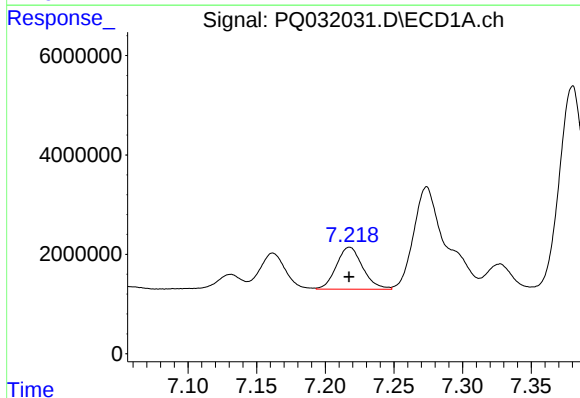
R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 3486389
Conc: 34.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



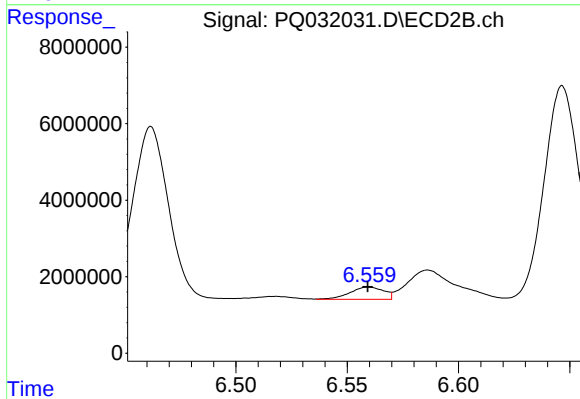
#27 AR-1254-2

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 3595921
Conc: 36.38 ng/ml



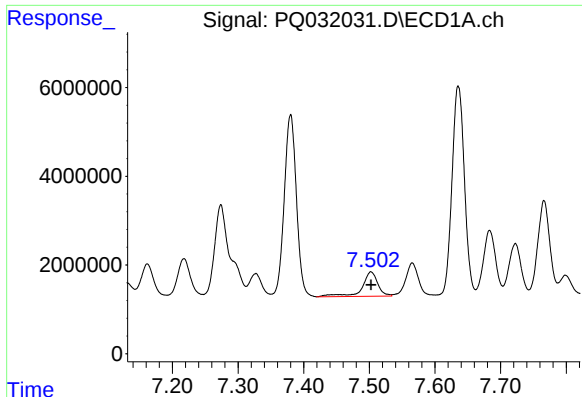
#28 AR-1254-3

R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 11284083
Conc: 62.05 ng/ml



#28 AR-1254-3

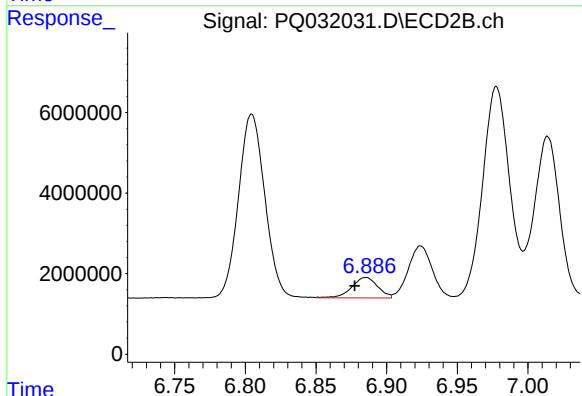
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 3379984
Conc: 26.95 ng/ml



#29 AR-1254-4

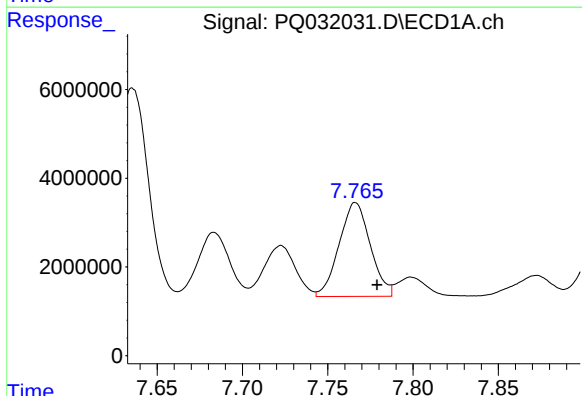
R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 9146684
Conc: 68.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



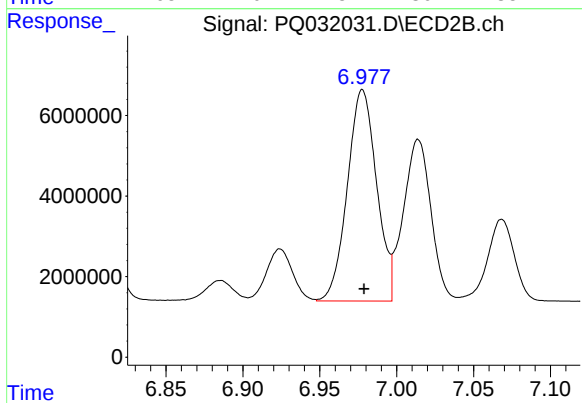
#29 AR-1254-4

R.T.: 6.885 min
Delta R.T.: 0.008 min
Response: 6466842
Conc: 73.52 ng/ml



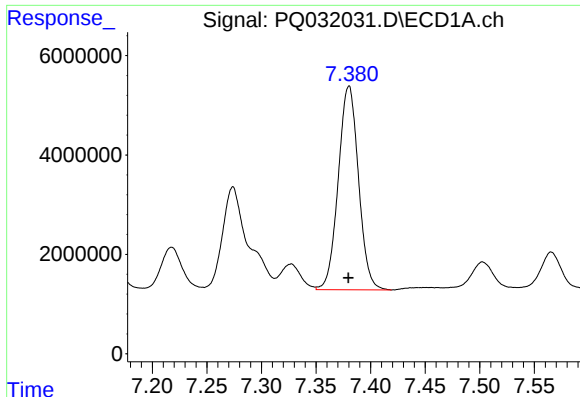
#30 AR-1254-5

R.T.: 7.766 min
Delta R.T.: -0.013 min
Response: 26911825
Conc: 263.21 ng/ml



#30 AR-1254-5

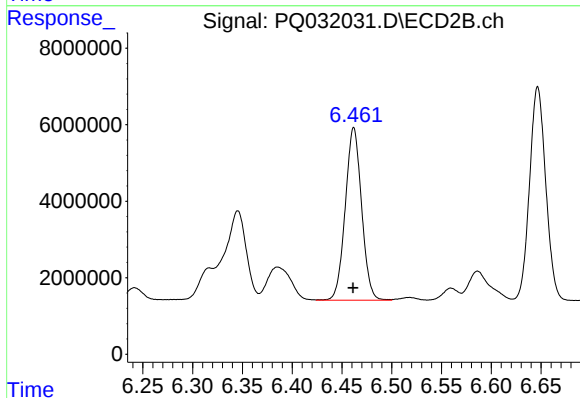
R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 69475388
Conc: 399.96 ng/ml



#31 AR-1260-1

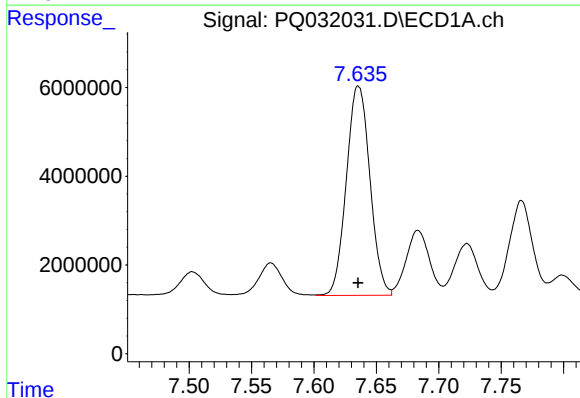
R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 53013467
Conc: 454.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



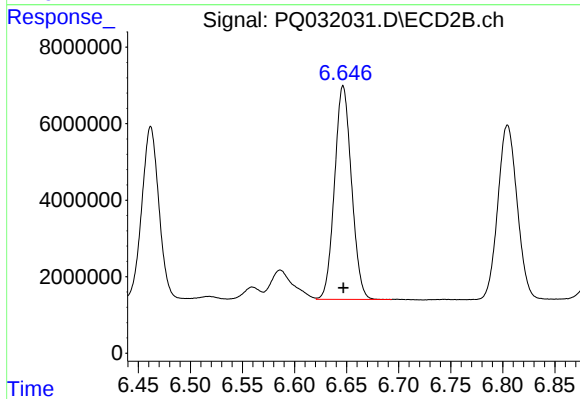
#31 AR-1260-1

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 51493199
Conc: 480.60 ng/ml



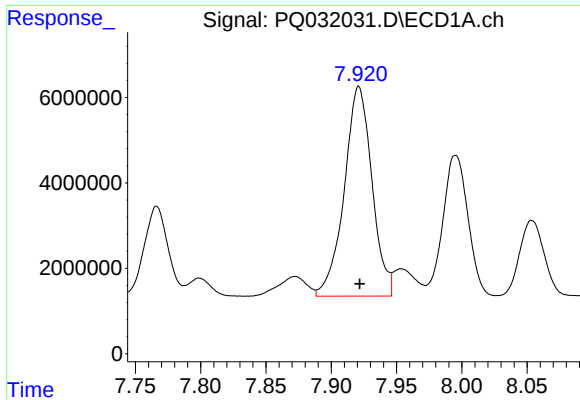
#32 AR-1260-2

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 62017688
Conc: 462.15 ng/ml



#32 AR-1260-2

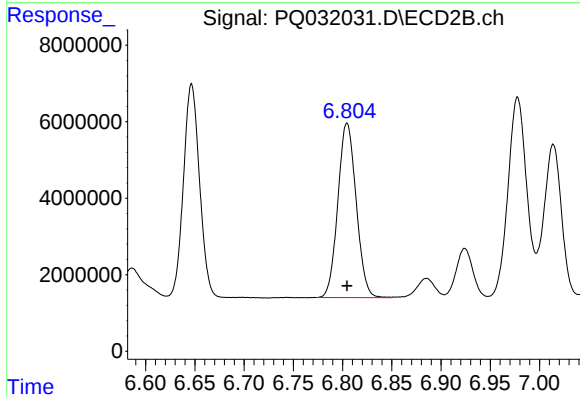
R.T.: 6.647 min
Delta R.T.: 0.000 min
Response: 63423385
Conc: 490.34 ng/ml



#33 AR-1260-3

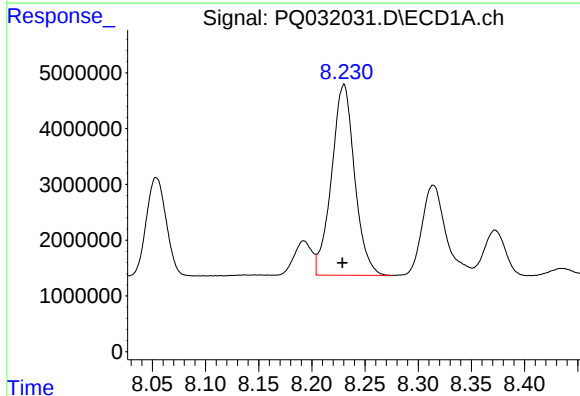
R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 72559195
Conc: 468.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



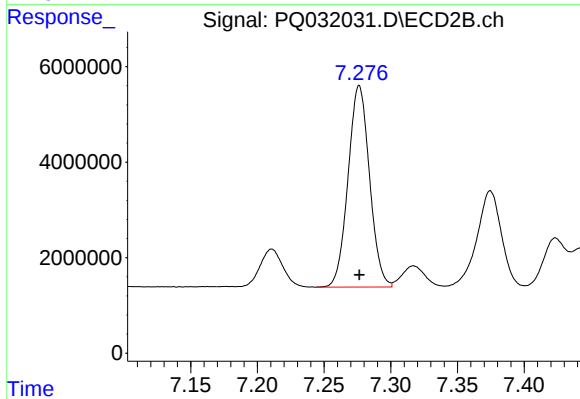
#33 AR-1260-3

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 59028764
Conc: 489.16 ng/ml



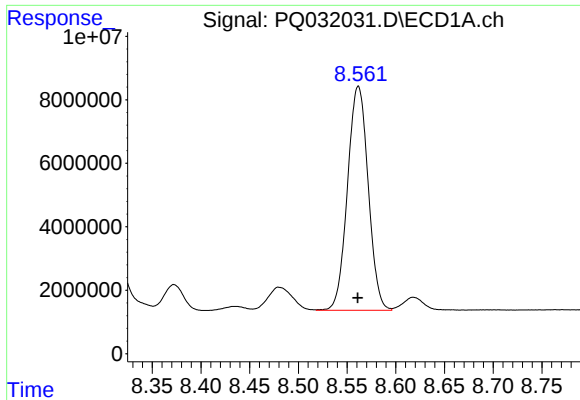
#34 AR-1260-4

R.T.: 8.230 min
Delta R.T.: 0.001 min
Response: 51666308
Conc: 452.28 ng/ml



#34 AR-1260-4

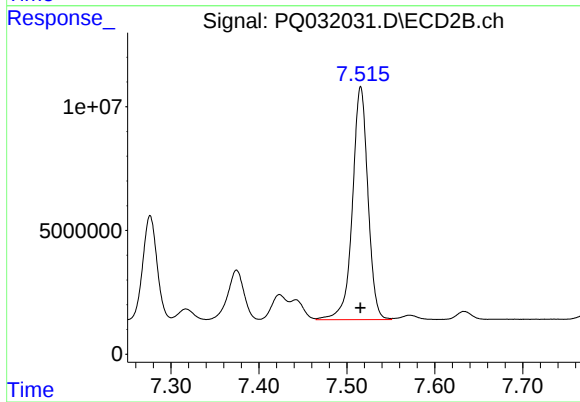
R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 47272991
Conc: 482.62 ng/ml



#35 AR-1260-5

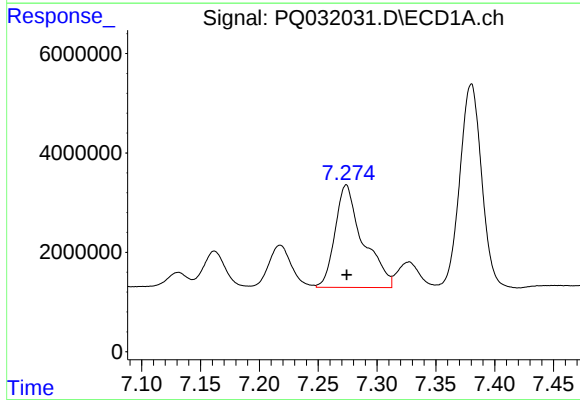
R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 104410692
Conc: 458.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



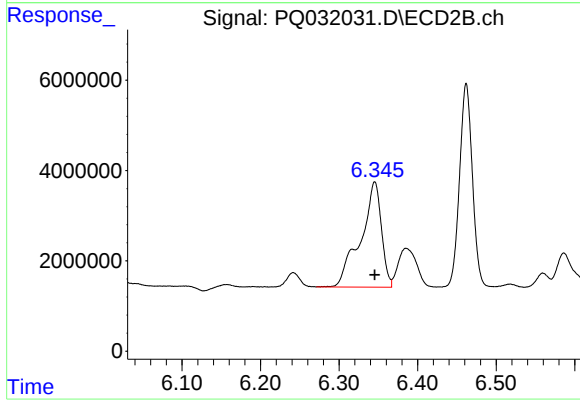
#35 AR-1260-5

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 115369513
Conc: 483.12 ng/ml



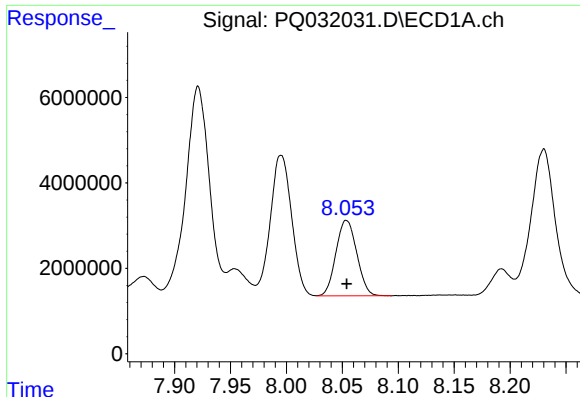
#36 AR-1262-1

R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 34072855
Conc: 576.35 ng/ml



#36 AR-1262-1

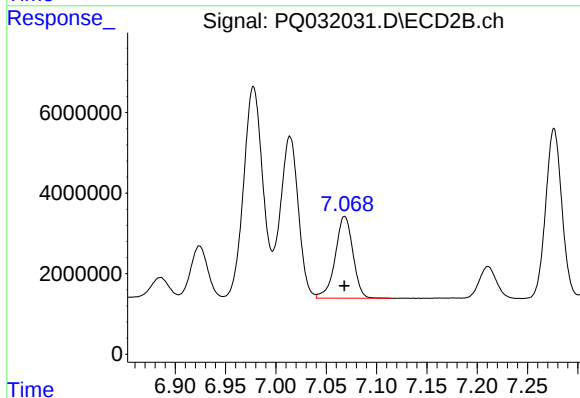
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 42981595
Conc: 816.18 ng/ml



#37 AR-1262-2

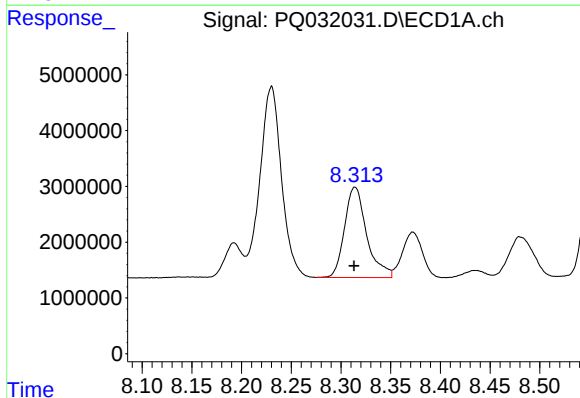
R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 22925631
Conc: 454.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



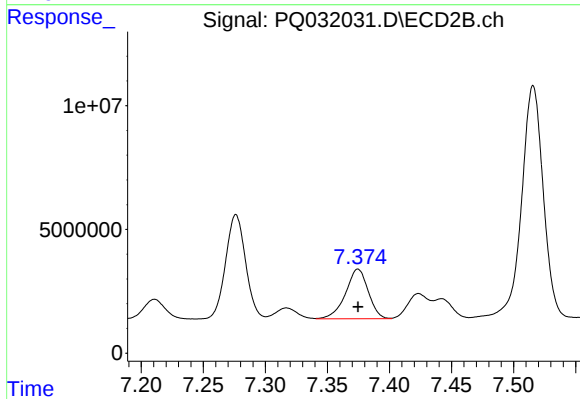
#37 AR-1262-2

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 24933620
Conc: 494.19 ng/ml



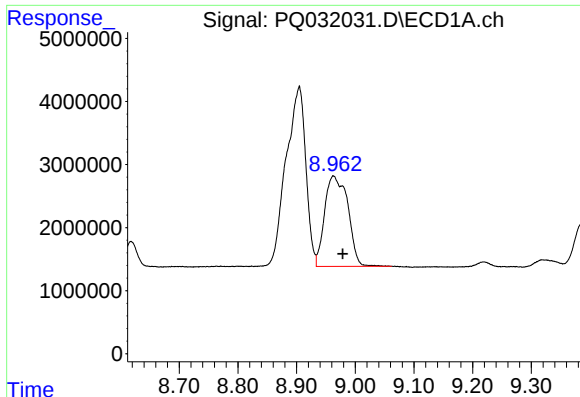
#38 AR-1262-3

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 25106404
Conc: 441.61 ng/ml



#38 AR-1262-3

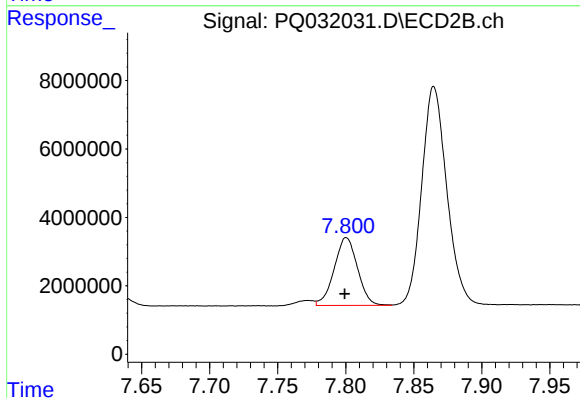
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 25642306
Conc: 469.42 ng/ml



#39 AR-1262-4

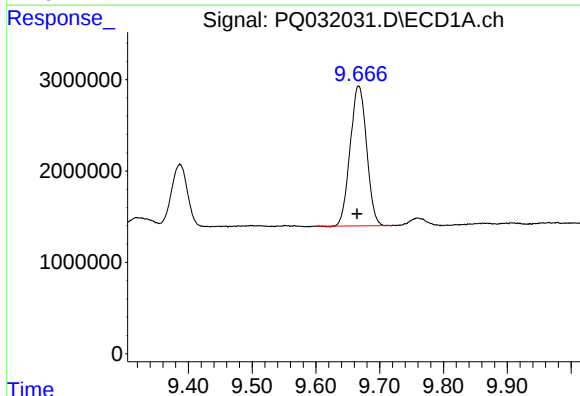
R.T.: 8.963 min
Delta R.T.: -0.016 min
Response: 39454311
Conc: 344.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



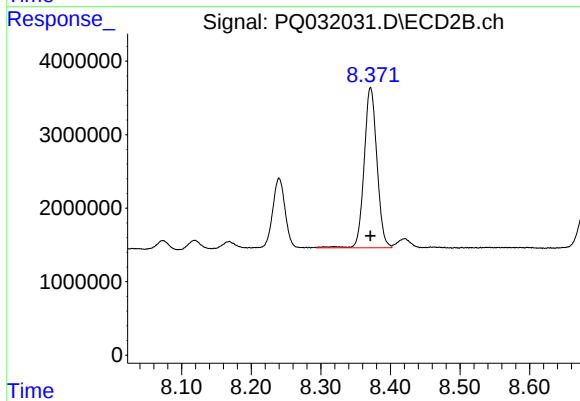
#39 AR-1262-4

R.T.: 7.800 min
Delta R.T.: 0.001 min
Response: 23701386
Conc: 265.18 ng/ml



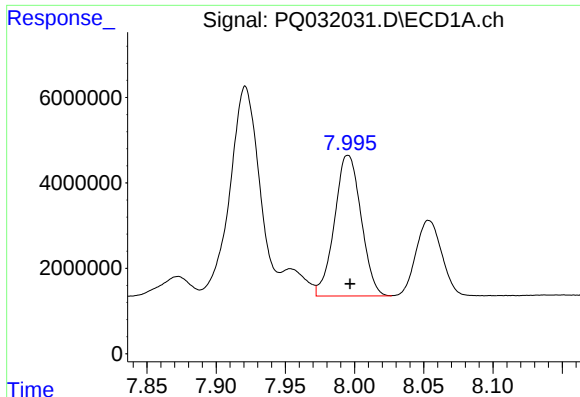
#40 AR-1262-5

R.T.: 9.667 min
Delta R.T.: 0.002 min
Response: 27470925
Conc: 337.95 ng/ml



#40 AR-1262-5

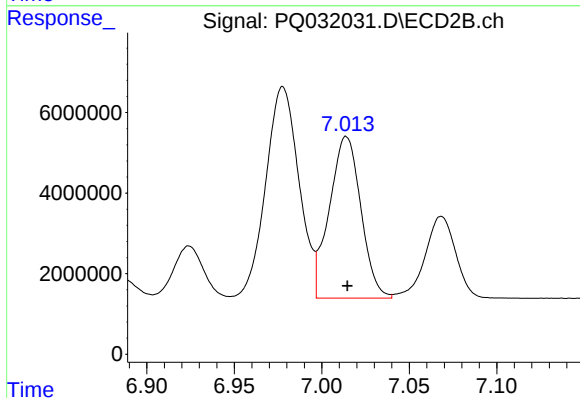
R.T.: 8.371 min
Delta R.T.: 0.000 min
Response: 27895408
Conc: 352.79 ng/ml



#41 AR-1268-1

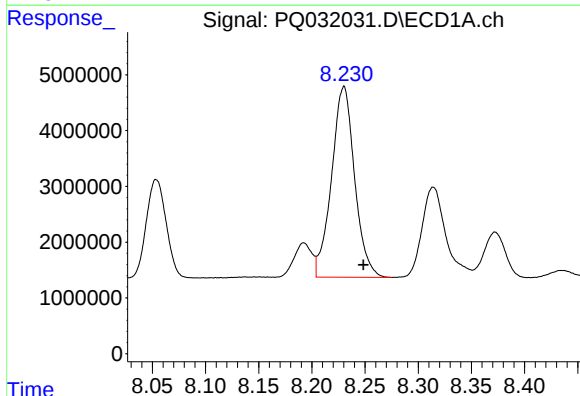
R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 44000875
Conc: 837.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



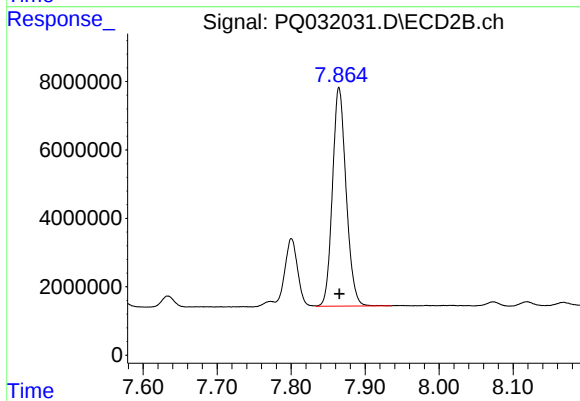
#41 AR-1268-1

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 50326576
Conc: 998.75 ng/ml



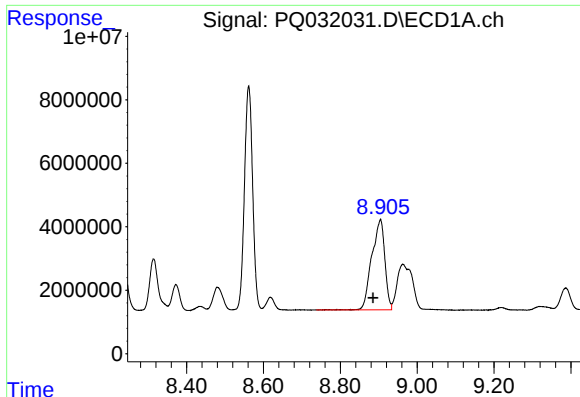
#42 AR-1268-2

R.T.: 8.230 min
Delta R.T.: -0.018 min
Response: 51666308
Conc: 758.65 ng/ml



#42 AR-1268-2

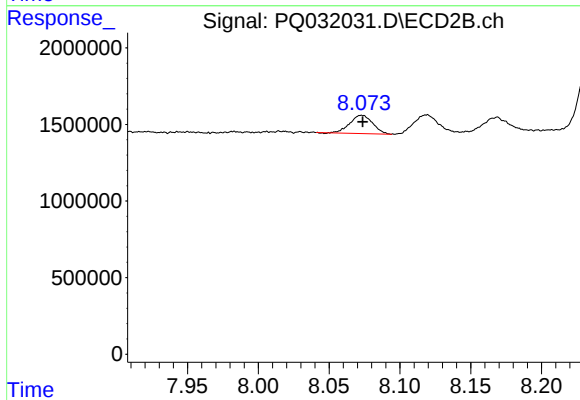
R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 82119974
Conc: 309.35 ng/ml



#43 AR-1268-3

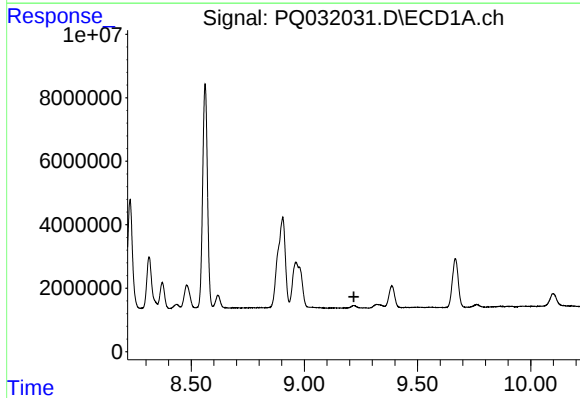
R.T.: 8.905 min
Delta R.T.: 0.020 min
Response: 66896401
Conc: 229.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



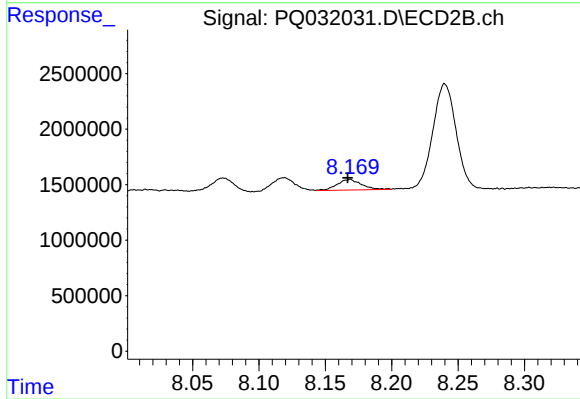
#43 AR-1268-3

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 1341915
Conc: 6.14 ng/ml



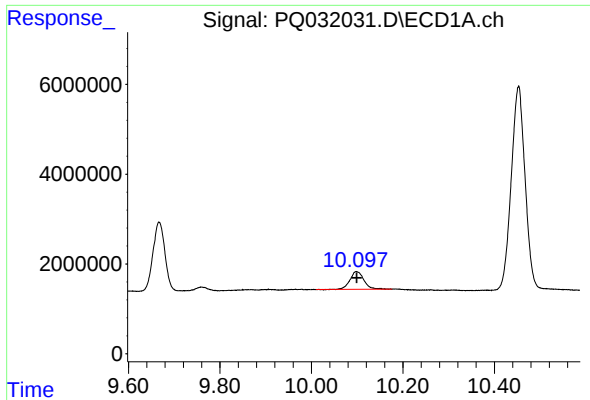
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.



#44 AR-1268-4

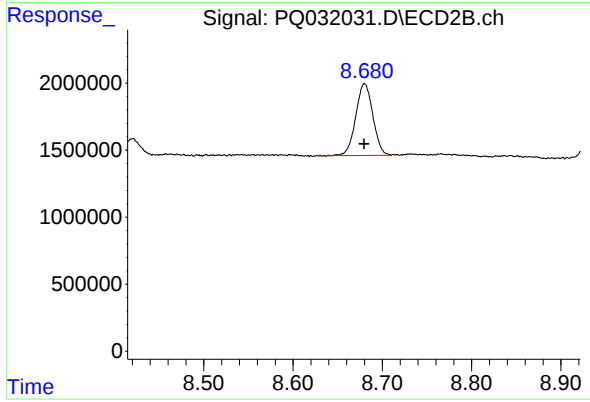
R.T.: 8.168 min
Delta R.T.: 0.002 min
Response: 1231662
Conc: 21.44 ng/ml



#45 AR-1268-5

R.T.: 10.098 min
Delta R.T.: -0.001 min
Response: 8434005
Conc: 11.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 7148128
Conc: 10.05 ng/ml