

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090618\
 Data File : PQ031697.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Sep 2018 18:01
 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 07 03:23:40 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 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...	4.604	3.881	89633653	70369856	61.426	61.760
2)	SA Decachlor...	10.465	8.965	84070176	77061645	39.207	36.772
Target Compounds							
3)	L1 AR-1016-1	5.317	4.565	22126642	18693155	566.594	582.661
4)	L1 AR-1016-2	5.514	4.980	22182892	27448866	553.043	547.384
5)	L1 AR-1016-3	5.783	5.000	31892891	39169379	519.116	543.525
6)	L1 AR-1016-4	5.868	5.058	29072462	25417635	538.781	571.583
7)	L1 AR-1016-5	6.262	5.435	24231830	21095586	533.091	526.004
8)	L2 AR-1221-1	4.810	4.095	2698175	2245528	154.143	162.317
9)	L2 AR-1221-2	4.903	4.185	3784691	3195665	289.561	293.439
10)	L2 AR-1221-3	4.980	4.262	15656193	12481105	364.502	359.625
11)	L3 AR-1232-1	5.805	4.760	47650833	19026254	1574.900	1508.359
12)	L3 AR-1232-2	5.968	4.875	23561351	5453148	1519.725	1520.901
13)	L3 AR-1232-3	6.141	5.261	7625007	19989237	1862.207	1621.541
14)	L3 AR-1232-4	6.473	5.586	6173366	23648888	1390.113	1566.666
15)	L3 AR-1232-5	7.337	0.000	2881885	0	1083.916	N.D. #
16)	L4 AR-1242-1	5.348	4.585	13405333	10208356	733.169	729.804
17)	L4 AR-1242-2	6.101	5.179	21397304	20802206	695.190	724.923
18)	L4 AR-1242-3	6.304	5.293	10593038	6628771	657.057	689.867
19)	L4 AR-1242-4	6.348	5.659	7675697	5405974	565.147	614.634
20)	L4 AR-1242-5	6.404	6.031	25490085	2271873	650.016	99.321 #
21)	L5 AR-1248-1	6.056	5.218	20279498	16243609	357.526	344.042
22)	L5 AR-1248-2	6.640	5.789	22546946	22911154	379.586	245.805 #
23)	L5 AR-1248-3	6.667	5.830	7945335	5642221	99.731	88.271
24)	L5 AR-1248-4	6.706	6.031	6941512	2271873	91.203	39.475 #
25)	L5 AR-1248-5	6.857	6.356	19018548	38411060	371.756	831.693 #
26)	L6 AR-1254-1	6.857	5.934	19018548	16637171	131.113	166.665 #
27)	L6 AR-1254-2	7.141	6.252	3357070	3330032	37.335	37.976
28)	L6 AR-1254-3	7.228	6.570	9284043	3060251	56.648	26.485 #
29)	L6 AR-1254-4	7.512	6.896	6456256	5046070	52.797	60.770
30)	L6 AR-1254-5	7.777	6.989	24352680	62916082	256.629	378.417 #
31)	L7 AR-1260-1	7.390	6.472	47901535	47217192	435.968	467.486
32)	L7 AR-1260-2	7.645	6.657	57068946	58128720	430.741	449.941
33)	L7 AR-1260-3	7.932	6.815	65617345	53507599	415.813	444.974
34)	L7 AR-1260-4	8.239	7.287	48022121	42971572	410.653	415.559
35)	L7 AR-1260-5	8.572	7.526	98133530	106.0E6	413.147	416.215
36)	L8 AR-1262-1	7.284	6.356	26379456	38411060	457.987	765.448 #
37)	L8 AR-1262-2	8.064	7.079	20792667	22102862	388.923	406.130
38)	L8 AR-1262-3	8.324	7.386	22656649	22857784	370.375	368.582
39)	L8 AR-1262-4	8.971	7.811	36085925	20705007	281.878	197.692 #
40)	L8 AR-1262-5	9.680	8.383	25261148	23493885	262.015	248.313
41)	L9 AR-1268-1	8.006	7.024	39978037	45312315	753.130	841.504

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 Acq On : 06 Sep 2018 18:01
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

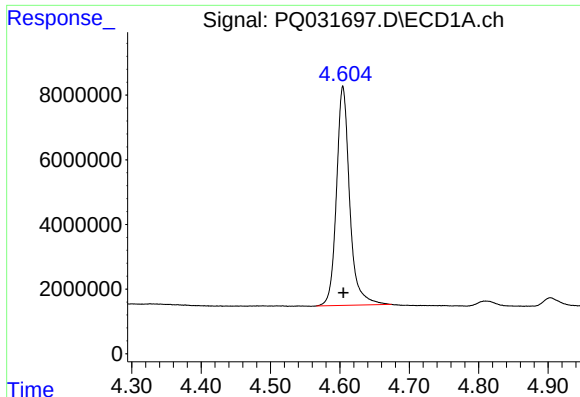
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 03:23:40 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 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	8.239	7.876	48022121	73797730	688.051	244.134 #
43) L9	AR-1268-3	8.916	8.085	62105197	1922739	190.570	7.686 #
44) L9	AR-1268-4	9.232	8.179	2001821	1552042	8.005	23.069 #
45) L9	AR-1268-5	10.115	8.693	6972124	6435410	8.153	7.642

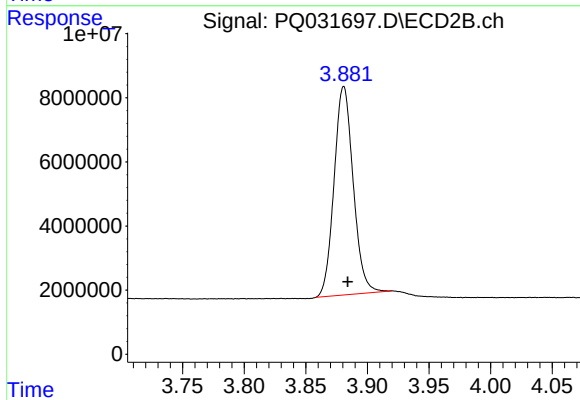
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

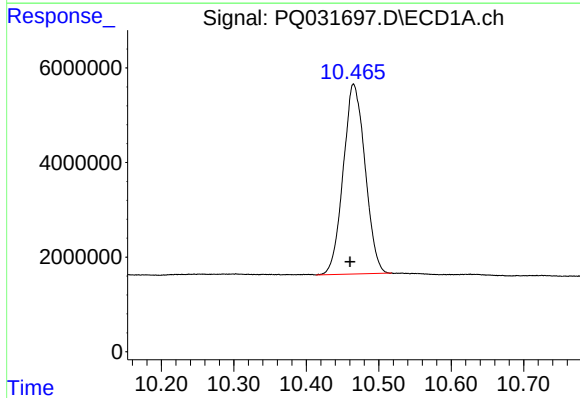
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 89633653
Conc: 61.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



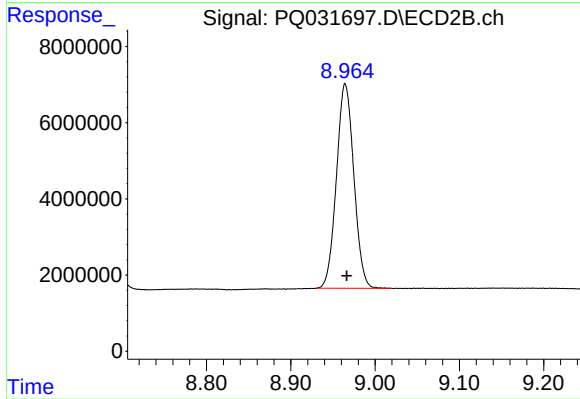
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: -0.003 min
Response: 70369856
Conc: 61.76 ng/ml



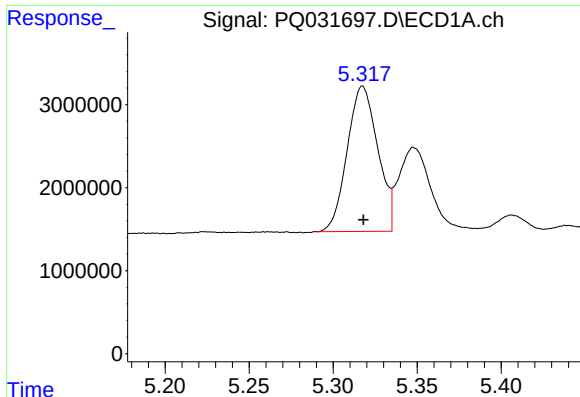
#2 Decachlorobiphenyl

R.T.: 10.465 min
Delta R.T.: 0.005 min
Response: 84070176
Conc: 39.21 ng/ml



#2 Decachlorobiphenyl

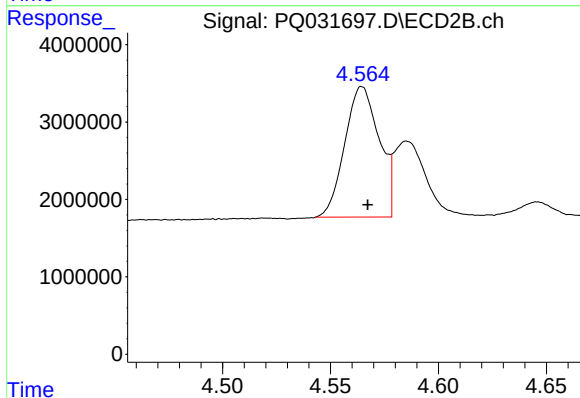
R.T.: 8.965 min
Delta R.T.: -0.002 min
Response: 77061645
Conc: 36.77 ng/ml



#3 AR-1016-1

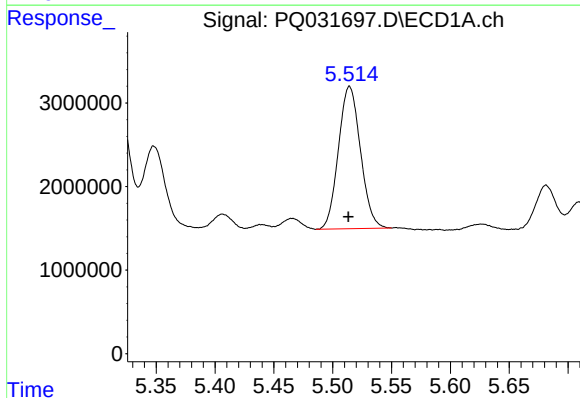
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 22126642
Conc: 566.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



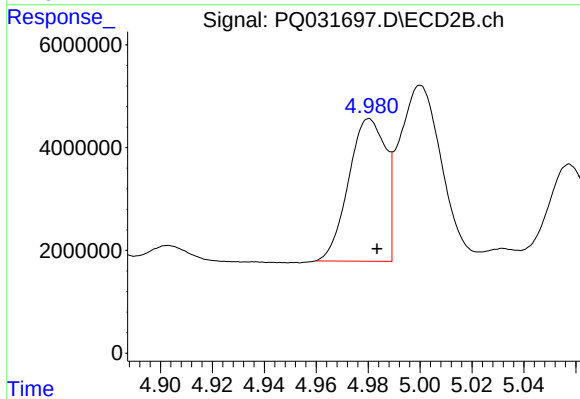
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 18693155
Conc: 582.66 ng/ml



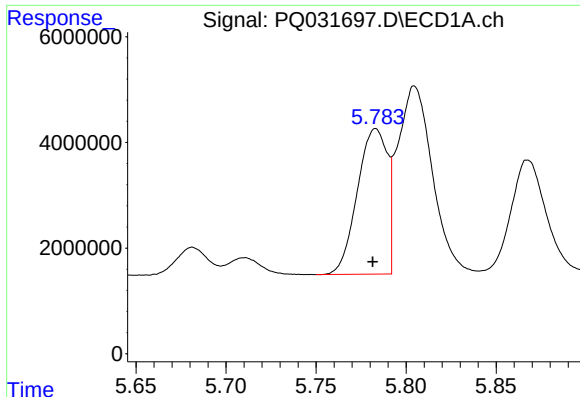
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 22182892
Conc: 553.04 ng/ml



#4 AR-1016-2

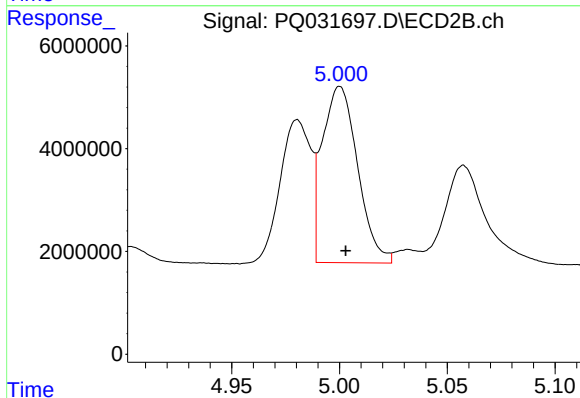
R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 27448866
Conc: 547.38 ng/ml



#5 AR-1016-3

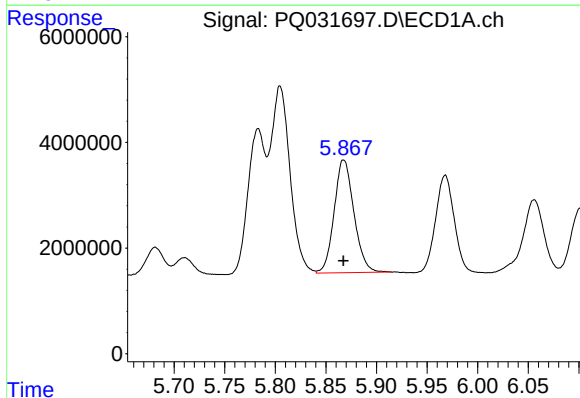
R.T.: 5.783 min
Delta R.T.: 0.002 min
Response: 31892891
Conc: 519.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



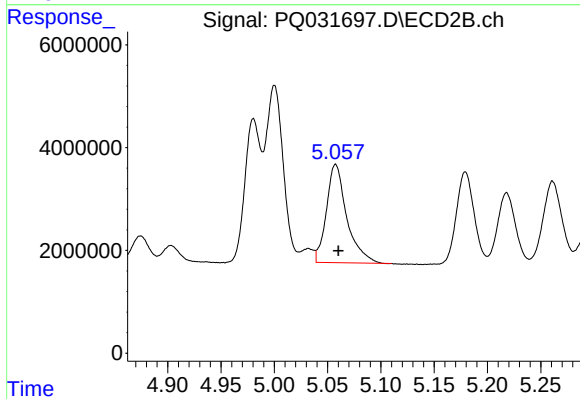
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 39169379
Conc: 543.53 ng/ml



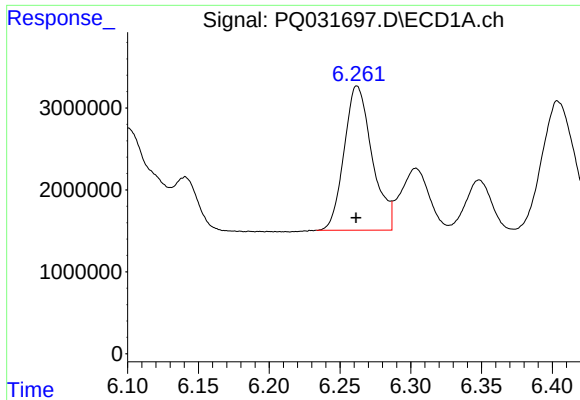
#6 AR-1016-4

R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 29072462
Conc: 538.78 ng/ml



#6 AR-1016-4

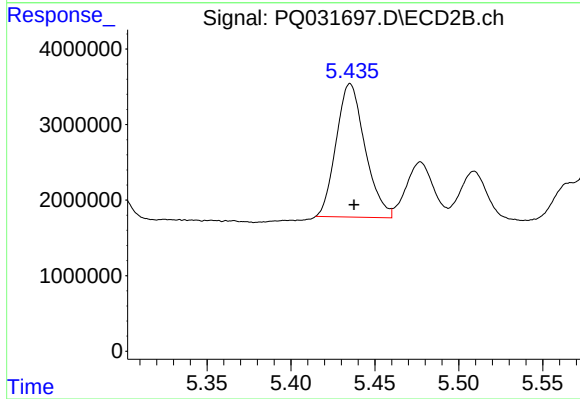
R.T.: 5.058 min
Delta R.T.: -0.003 min
Response: 25417635
Conc: 571.58 ng/ml



#7 AR-1016-5

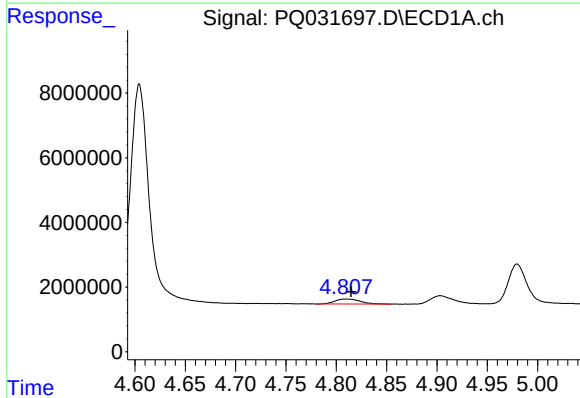
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 24231830
Conc: 533.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



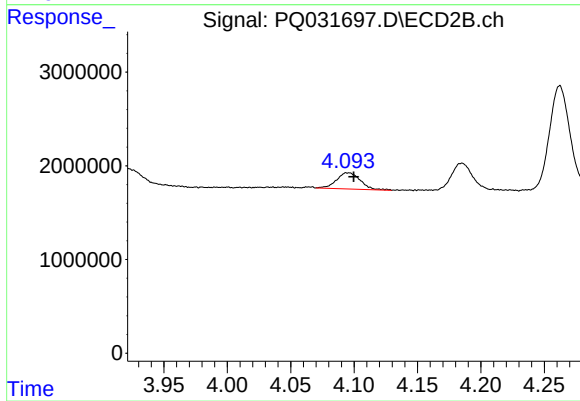
#7 AR-1016-5

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 21095586
Conc: 526.00 ng/ml



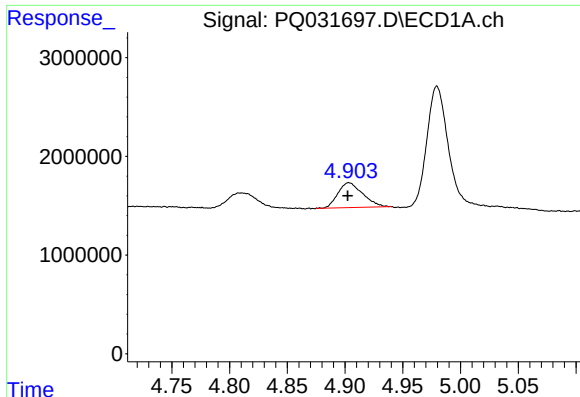
#8 AR-1221-1

R.T.: 4.810 min
Delta R.T.: -0.005 min
Response: 2698175
Conc: 154.14 ng/ml



#8 AR-1221-1

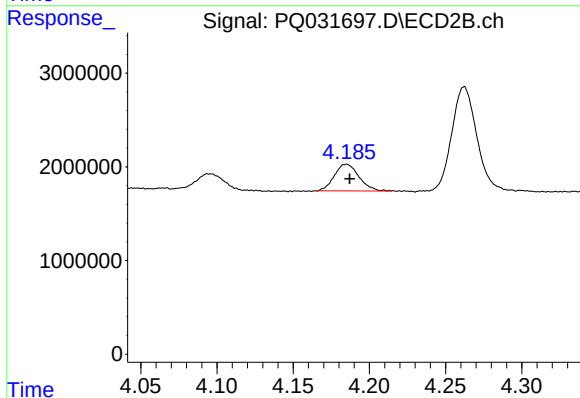
R.T.: 4.095 min
Delta R.T.: -0.005 min
Response: 2245528
Conc: 162.32 ng/ml



#9 AR-1221-2

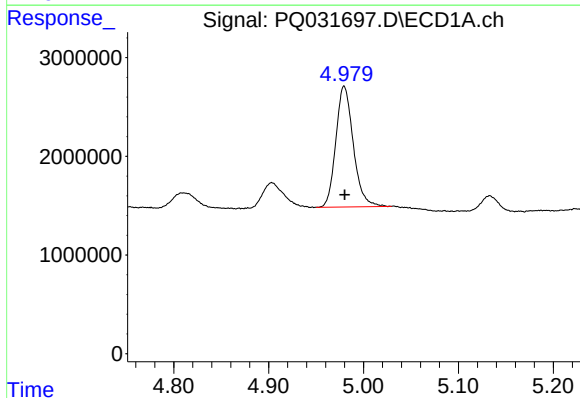
R.T.: 4.903 min
Delta R.T.: 0.001 min
Response: 3784691
Conc: 289.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



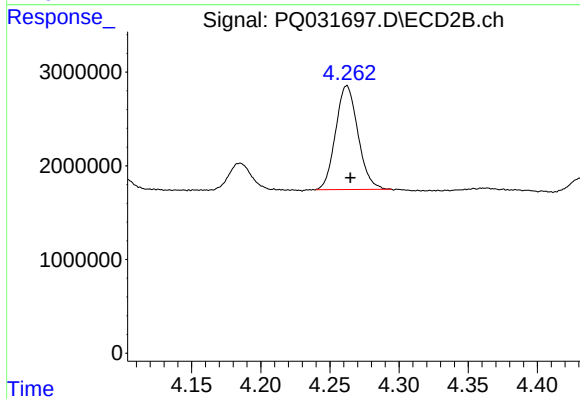
#9 AR-1221-2

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 3195665
Conc: 293.44 ng/ml



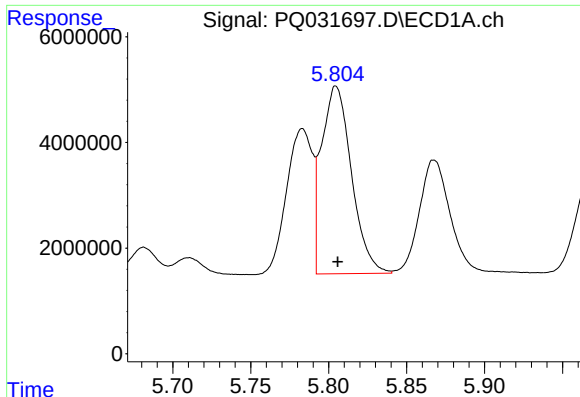
#10 AR-1221-3

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 15656193
Conc: 364.50 ng/ml



#10 AR-1221-3

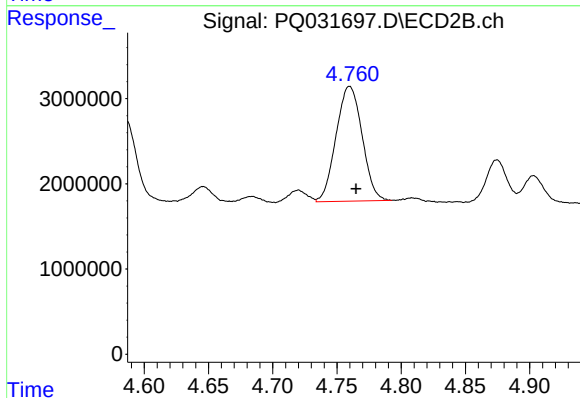
R.T.: 4.262 min
Delta R.T.: -0.003 min
Response: 12481105
Conc: 359.63 ng/ml



#11 AR-1232-1

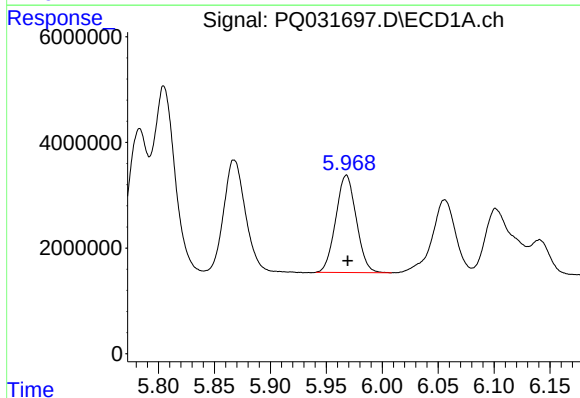
R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 47650833
Conc: 1574.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



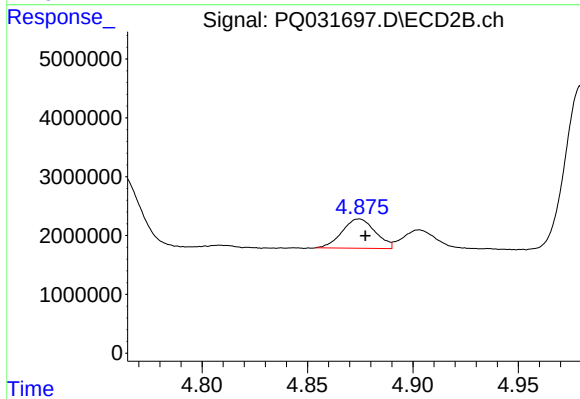
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 19026254
Conc: 1508.36 ng/ml



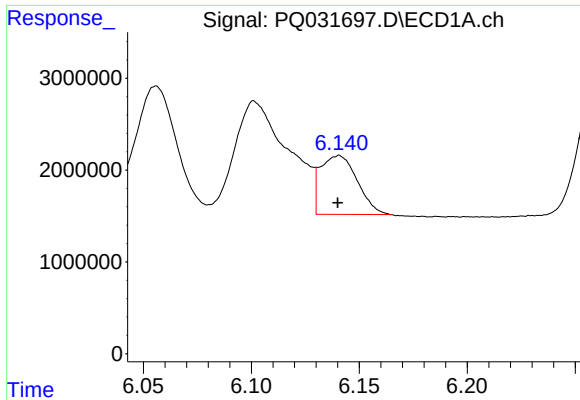
#12 AR-1232-2

R.T.: 5.968 min
Delta R.T.: -0.001 min
Response: 23561351
Conc: 1519.73 ng/ml



#12 AR-1232-2

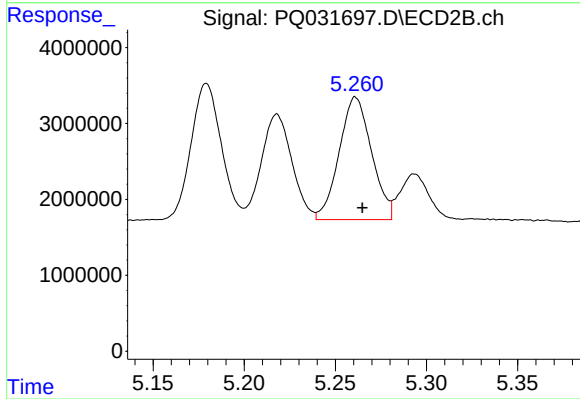
R.T.: 4.875 min
Delta R.T.: -0.003 min
Response: 5453148
Conc: 1520.90 ng/ml



#13 AR-1232-3

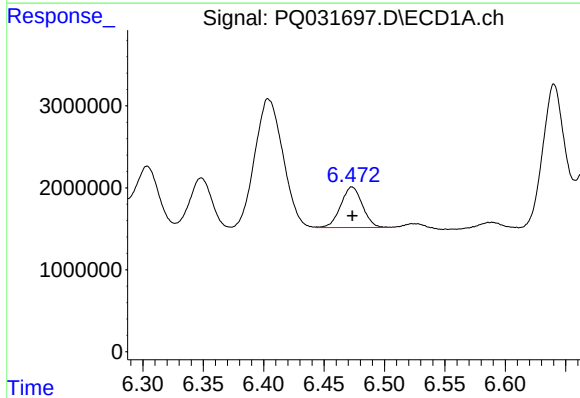
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 7625007
Conc: 1862.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



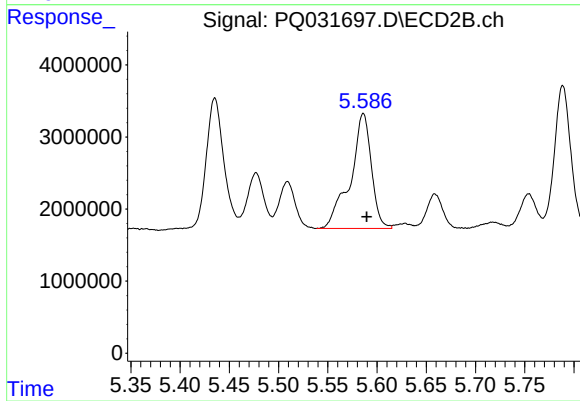
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 19989237
Conc: 1621.54 ng/ml



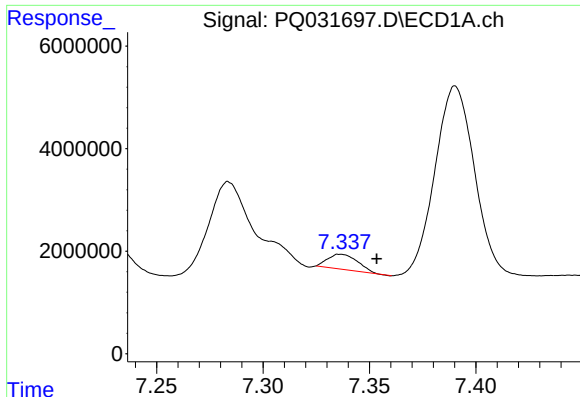
#14 AR-1232-4

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 6173366
Conc: 1390.11 ng/ml



#14 AR-1232-4

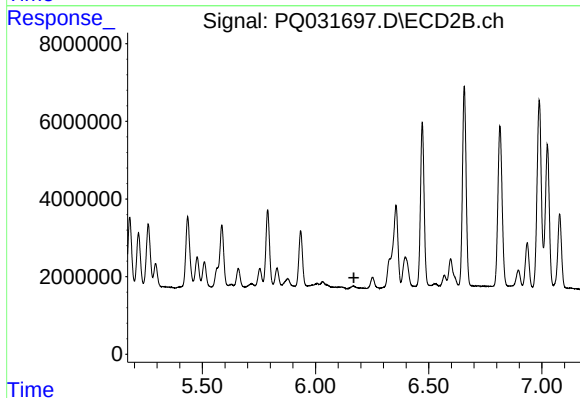
R.T.: 5.586 min
Delta R.T.: -0.004 min
Response: 23648888
Conc: 1566.67 ng/ml



#15 AR-1232-5

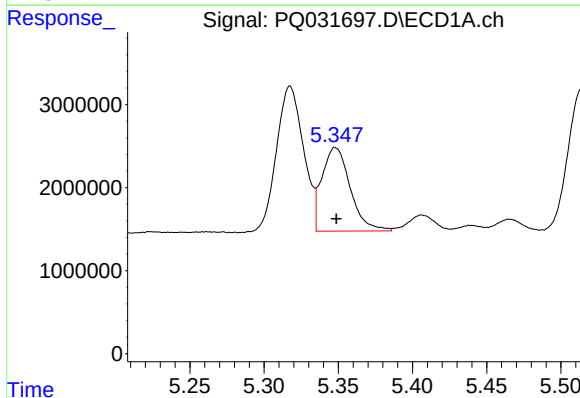
R.T.: 7.337 min
Delta R.T.: -0.017 min
Response: 2881885
Conc: 1083.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



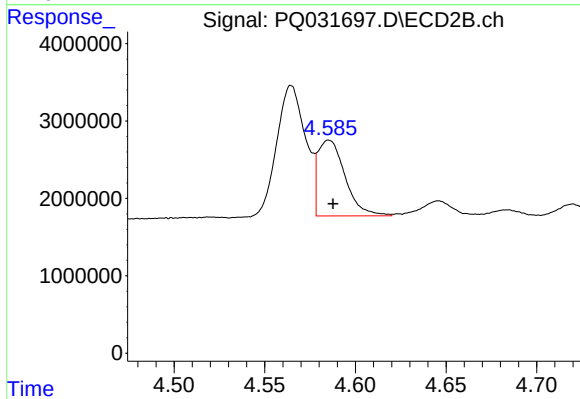
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



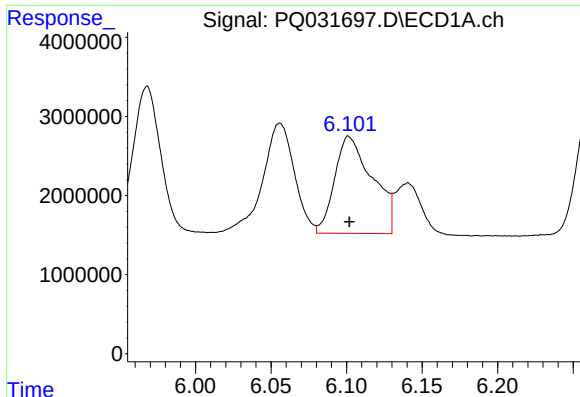
#16 AR-1242-1

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 13405333
Conc: 733.17 ng/ml



#16 AR-1242-1

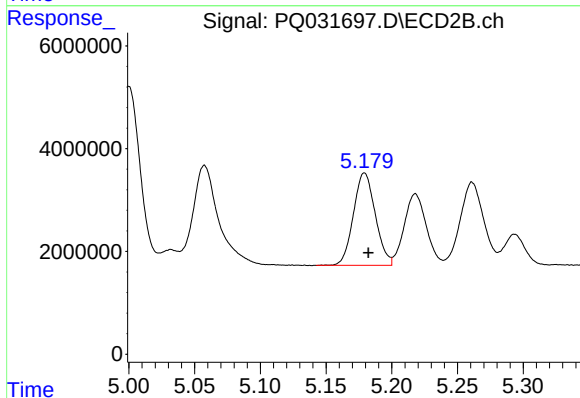
R.T.: 4.585 min
Delta R.T.: -0.002 min
Response: 10208356
Conc: 729.80 ng/ml



#17 AR-1242-2

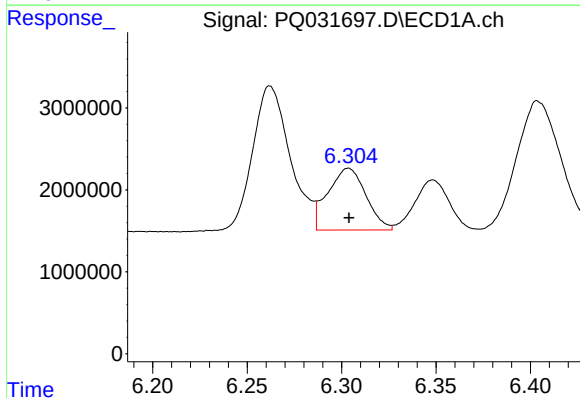
R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 21397304
Conc: 695.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



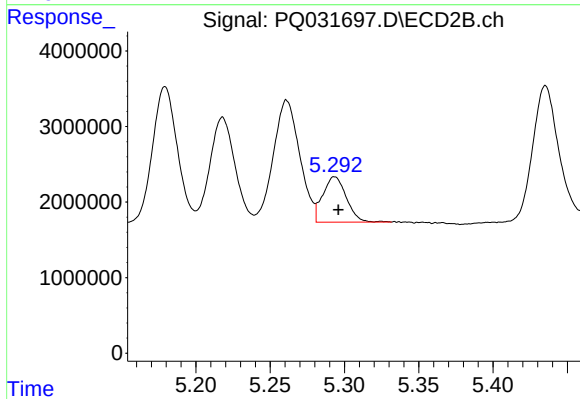
#17 AR-1242-2

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 20802206
Conc: 724.92 ng/ml



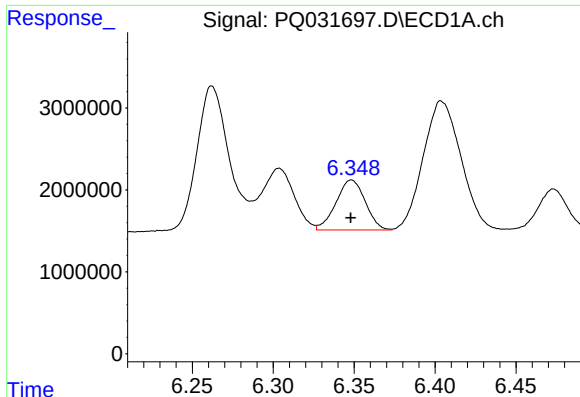
#18 AR-1242-3

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 10593038
Conc: 657.06 ng/ml



#18 AR-1242-3

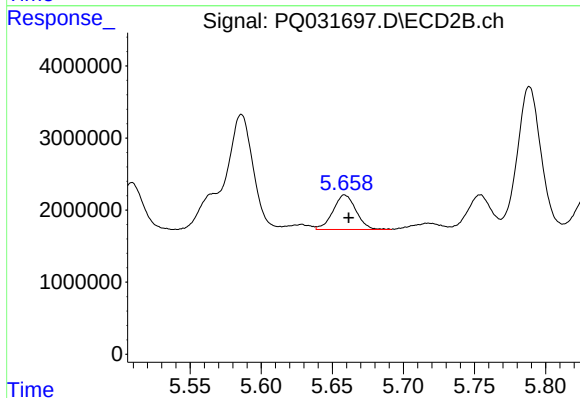
R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 6628771
Conc: 689.87 ng/ml



#19 AR-1242-4

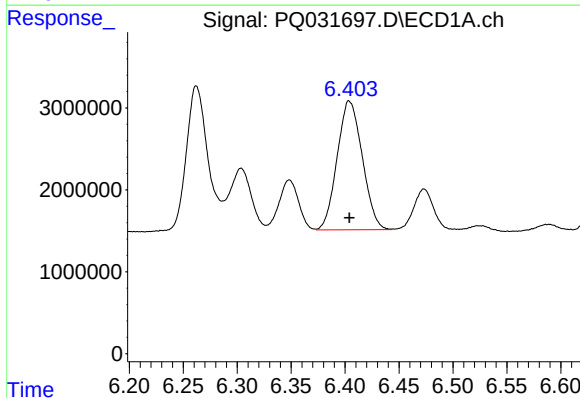
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 7675697
Conc: 565.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



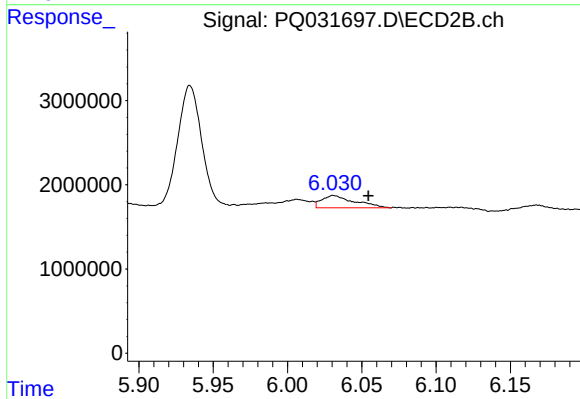
#19 AR-1242-4

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 5405974
Conc: 614.63 ng/ml



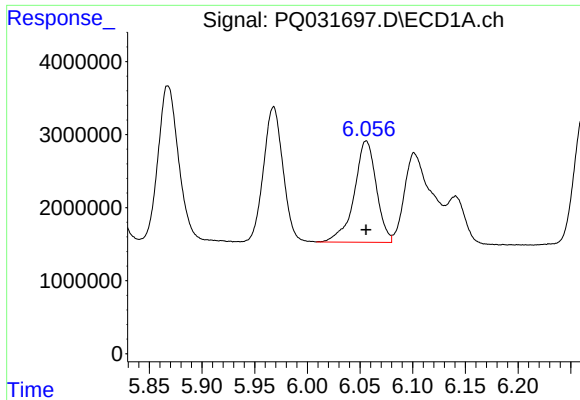
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 25490085
Conc: 650.02 ng/ml



#20 AR-1242-5

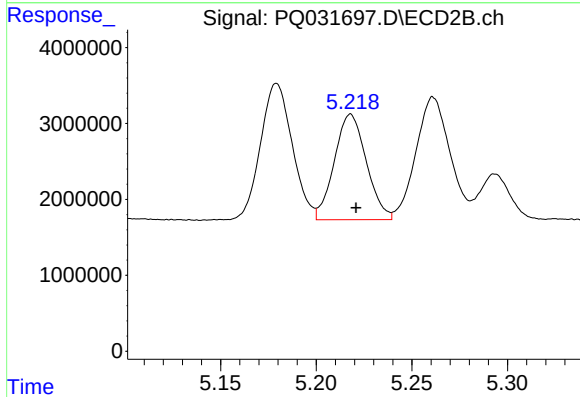
R.T.: 6.031 min
Delta R.T.: -0.023 min
Response: 2271873
Conc: 99.32 ng/ml



#21 AR-1248-1

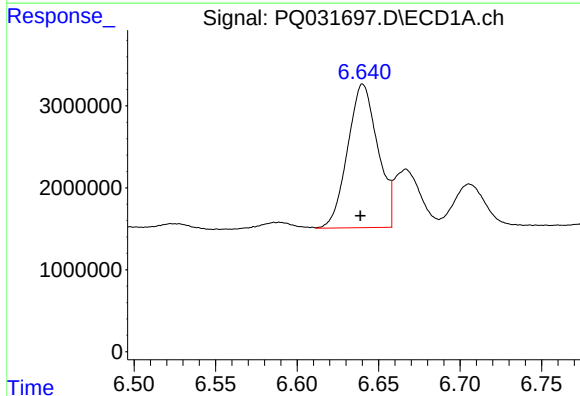
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 20279498
Conc: 357.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



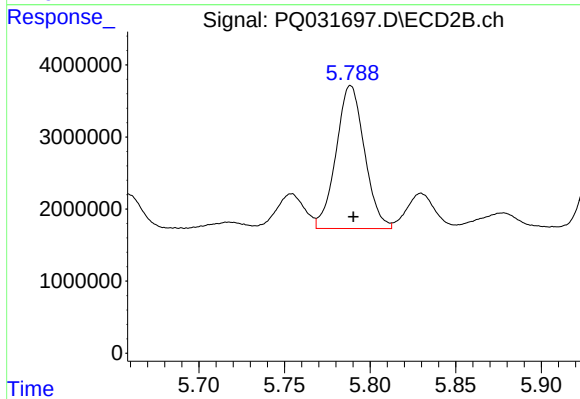
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: -0.003 min
Response: 16243609
Conc: 344.04 ng/ml



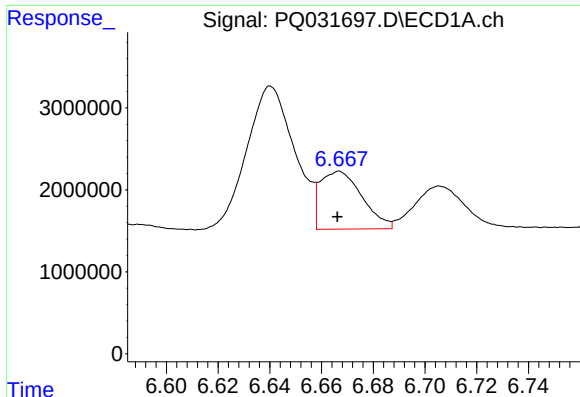
#22 AR-1248-2

R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 22546946
Conc: 379.59 ng/ml



#22 AR-1248-2

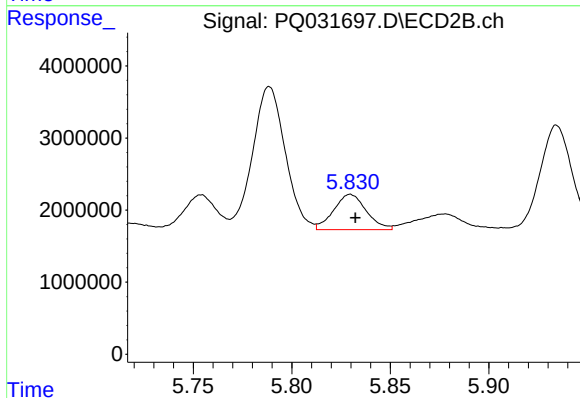
R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 22911154
Conc: 245.81 ng/ml



#23 AR-1248-3

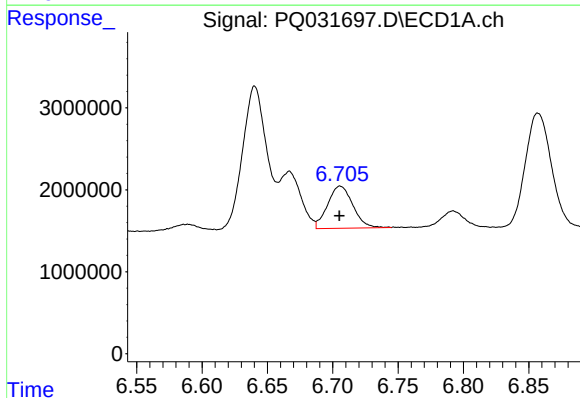
R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 7945335
Conc: 99.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



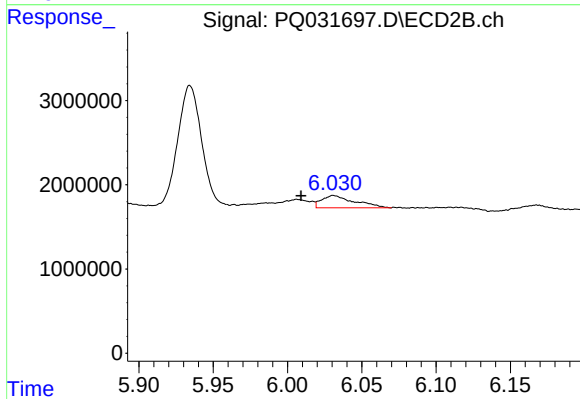
#23 AR-1248-3

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 5642221
Conc: 88.27 ng/ml



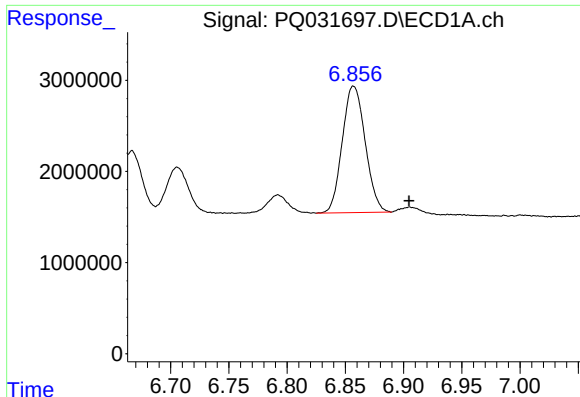
#24 AR-1248-4

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 6941512
Conc: 91.20 ng/ml



#24 AR-1248-4

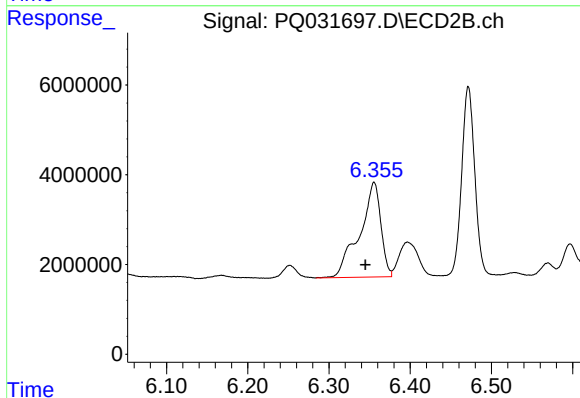
R.T.: 6.031 min
Delta R.T.: 0.022 min
Response: 2271873
Conc: 39.48 ng/ml



#25 AR-1248-5

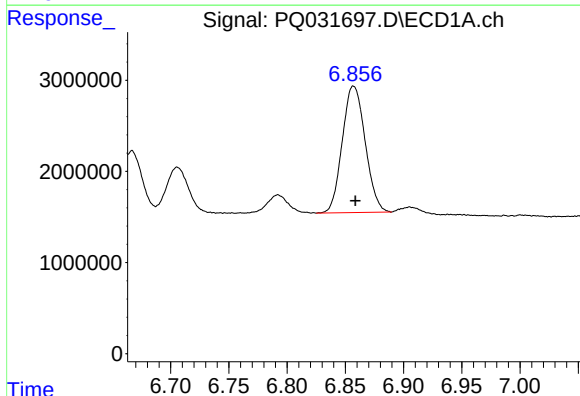
R.T.: 6.857 min
Delta R.T.: -0.048 min
Response: 19018548
Conc: 371.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



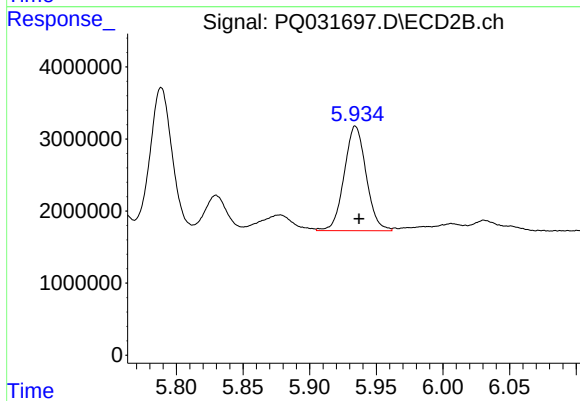
#25 AR-1248-5

R.T.: 6.356 min
Delta R.T.: 0.010 min
Response: 38411060
Conc: 831.69 ng/ml



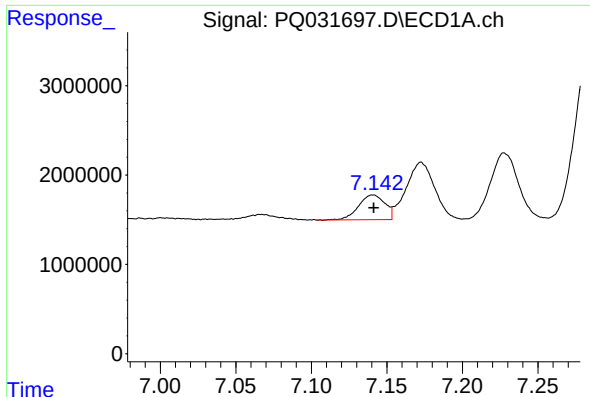
#26 AR-1254-1

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 19018548
Conc: 131.11 ng/ml



#26 AR-1254-1

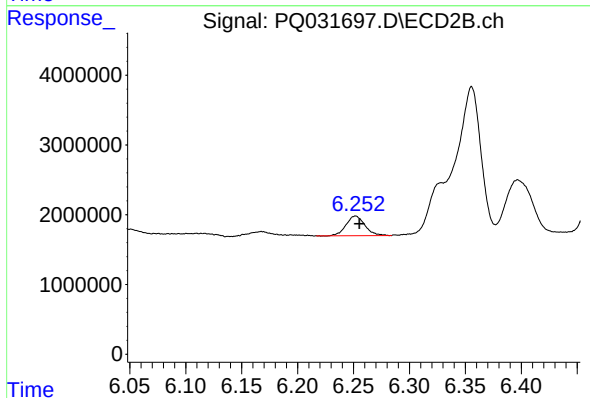
R.T.: 5.934 min
Delta R.T.: -0.003 min
Response: 16637171
Conc: 166.67 ng/ml



#27 AR-1254-2

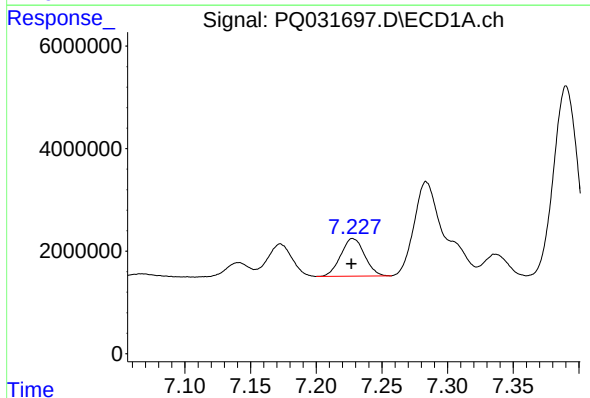
R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 3357070
Conc: 37.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



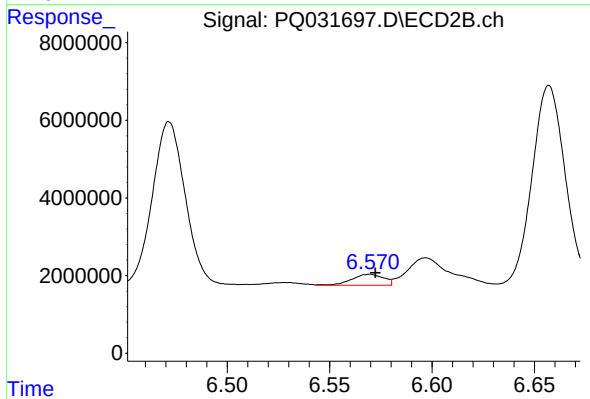
#27 AR-1254-2

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 3330032
Conc: 37.98 ng/ml



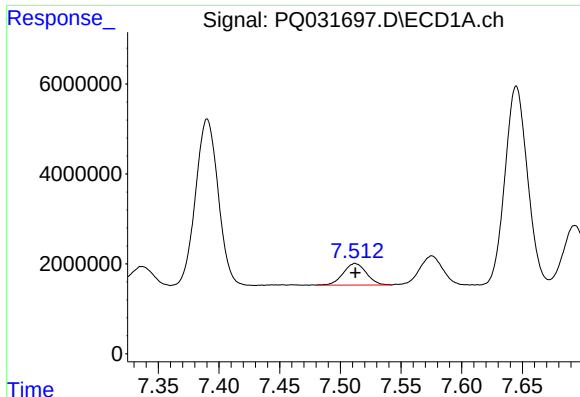
#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 9284043
Conc: 56.65 ng/ml



#28 AR-1254-3

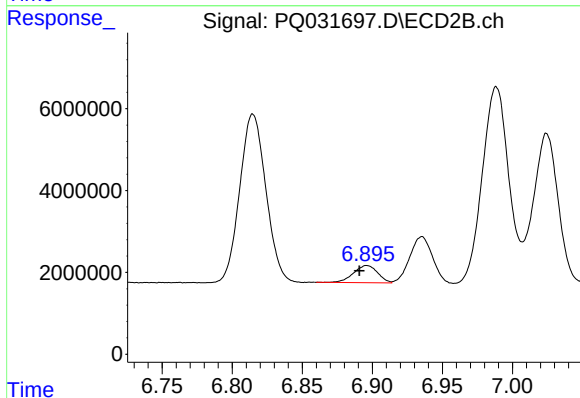
R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 3060251
Conc: 26.49 ng/ml



#29 AR-1254-4

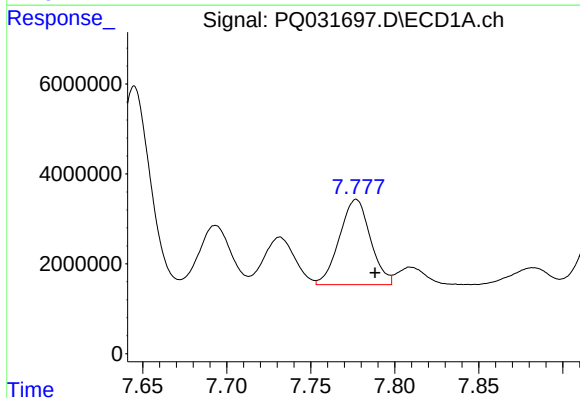
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 6456256
Conc: 52.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



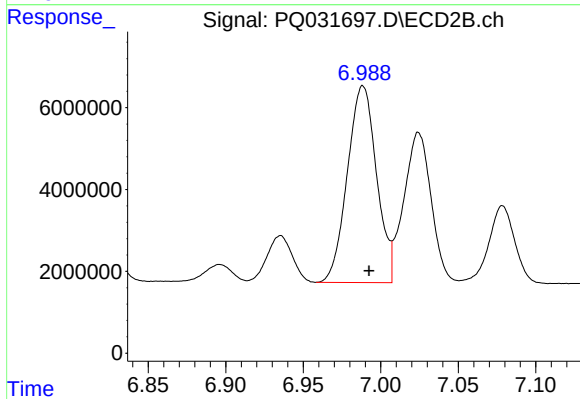
#29 AR-1254-4

R.T.: 6.896 min
Delta R.T.: 0.005 min
Response: 5046070
Conc: 60.77 ng/ml



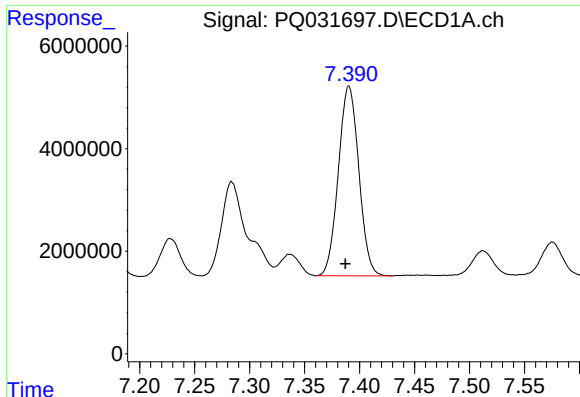
#30 AR-1254-5

R.T.: 7.777 min
Delta R.T.: -0.011 min
Response: 24352680
Conc: 256.63 ng/ml



#30 AR-1254-5

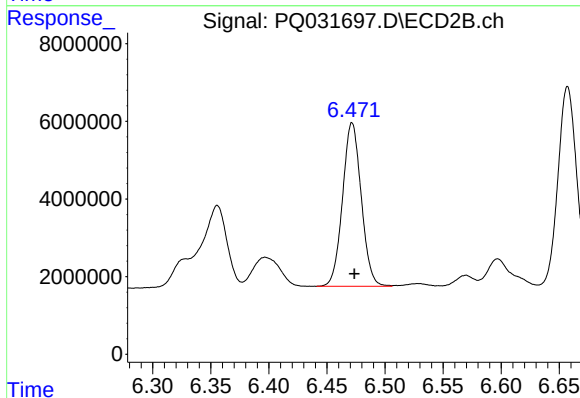
R.T.: 6.989 min
Delta R.T.: -0.004 min
Response: 62916082
Conc: 378.42 ng/ml



#31 AR-1260-1

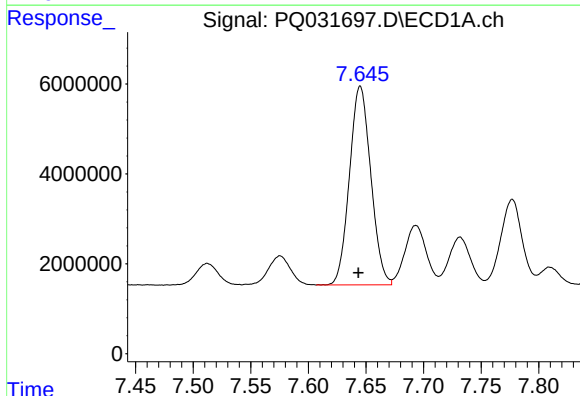
R.T.: 7.390 min
Delta R.T.: 0.003 min
Response: 47901535
Conc: 435.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



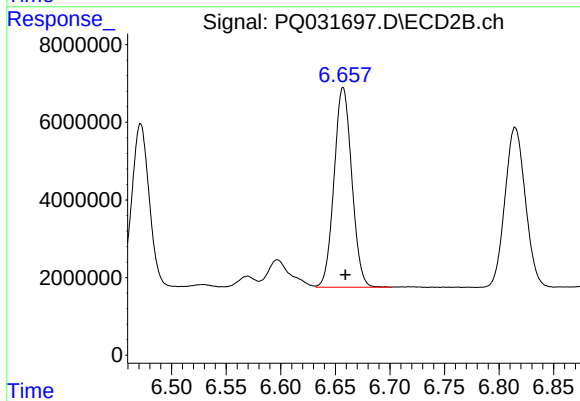
#31 AR-1260-1

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 47217192
Conc: 467.49 ng/ml



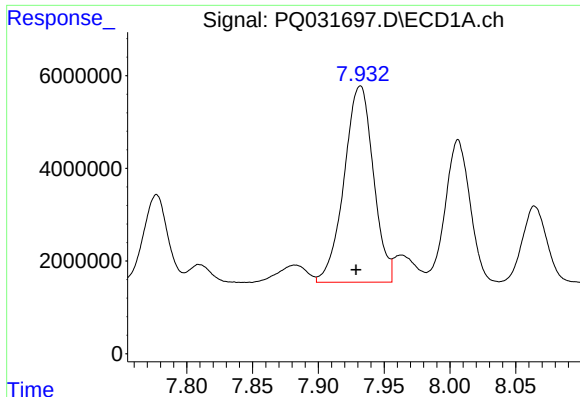
#32 AR-1260-2

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 57068946
Conc: 430.74 ng/ml



#32 AR-1260-2

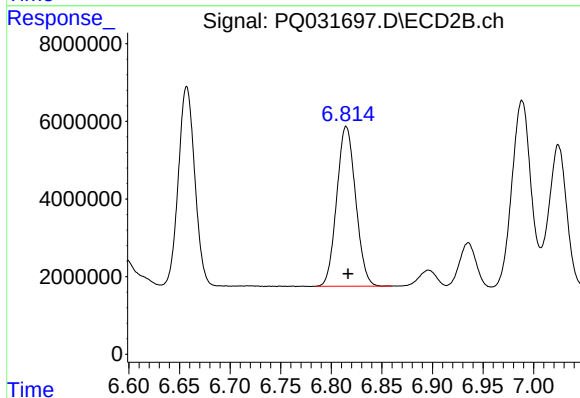
R.T.: 6.657 min
Delta R.T.: -0.002 min
Response: 58128720
Conc: 449.94 ng/ml



#33 AR-1260-3

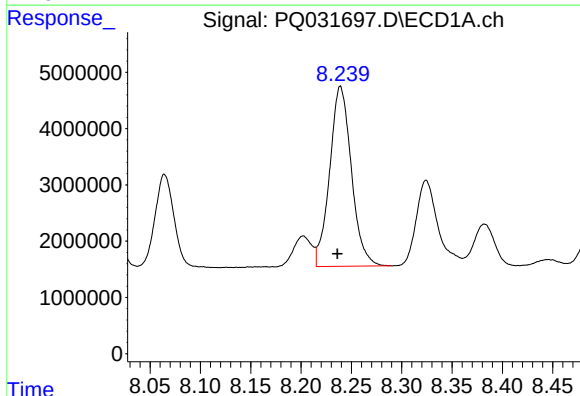
R.T.: 7.932 min
Delta R.T.: 0.003 min
Response: 65617345
Conc: 415.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



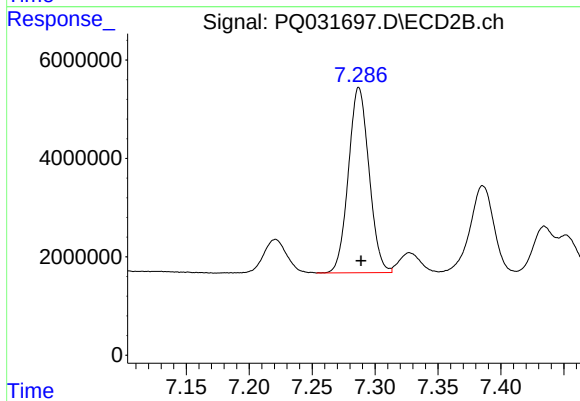
#33 AR-1260-3

R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 53507599
Conc: 444.97 ng/ml



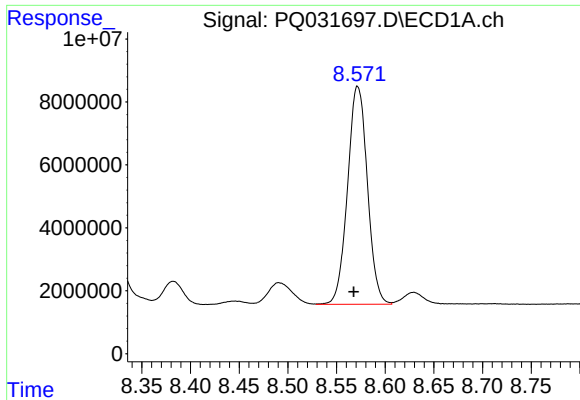
#34 AR-1260-4

R.T.: 8.239 min
Delta R.T.: 0.003 min
Response: 48022121
Conc: 410.65 ng/ml



#34 AR-1260-4

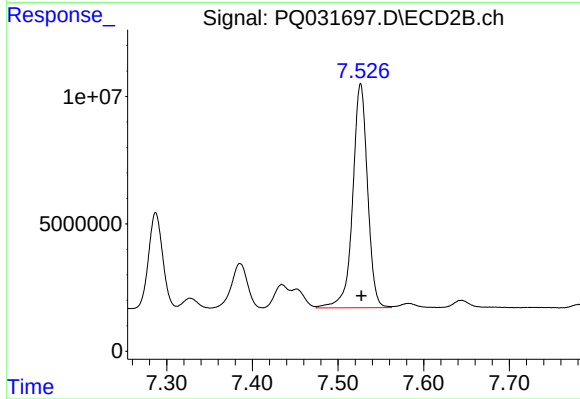
R.T.: 7.287 min
Delta R.T.: -0.002 min
Response: 42971572
Conc: 415.56 ng/ml



#35 AR-1260-5

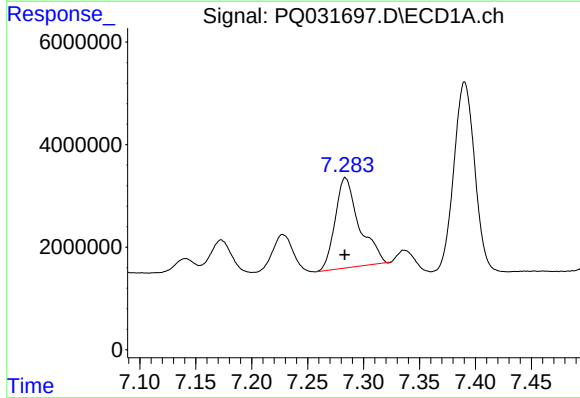
R.T.: 8.572 min
Delta R.T.: 0.004 min
Response: 98133530
Conc: 413.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



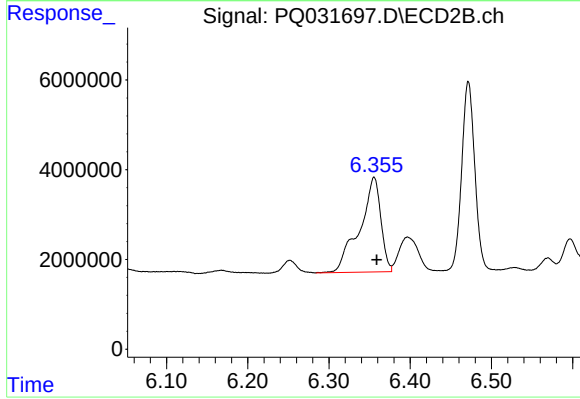
#35 AR-1260-5

R.T.: 7.526 min
Delta R.T.: -0.001 min
Response: 105983862
Conc: 416.21 ng/ml



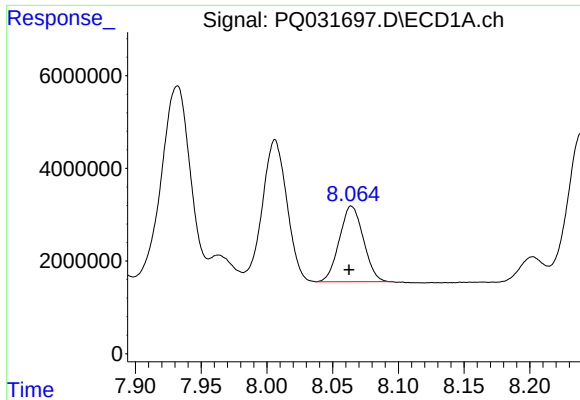
#36 AR-1262-1

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 26379456
Conc: 457.99 ng/ml



#36 AR-1262-1

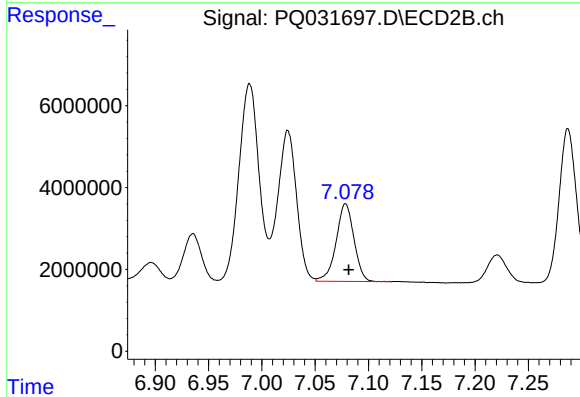
R.T.: 6.356 min
Delta R.T.: -0.003 min
Response: 38411060
Conc: 765.45 ng/ml



#37 AR-1262-2

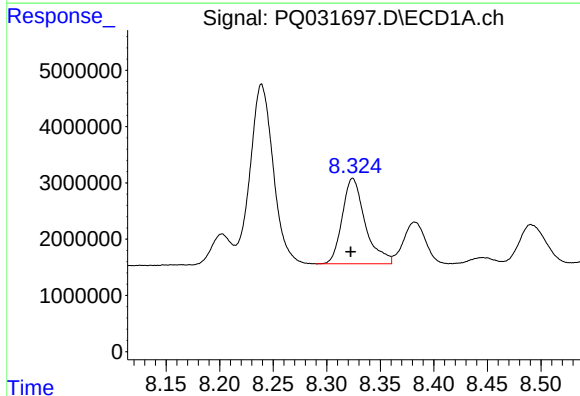
R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 20792667
Conc: 388.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



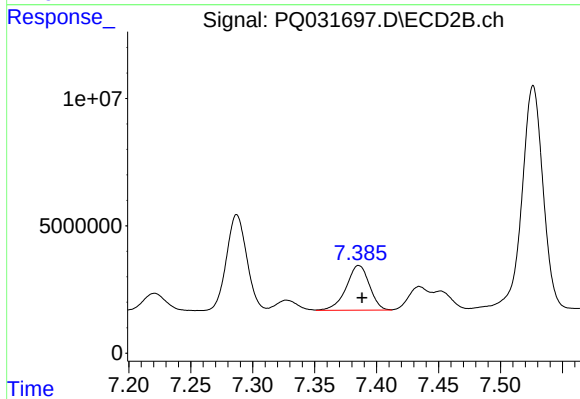
#37 AR-1262-2

R.T.: 7.079 min
Delta R.T.: -0.003 min
Response: 22102862
Conc: 406.13 ng/ml



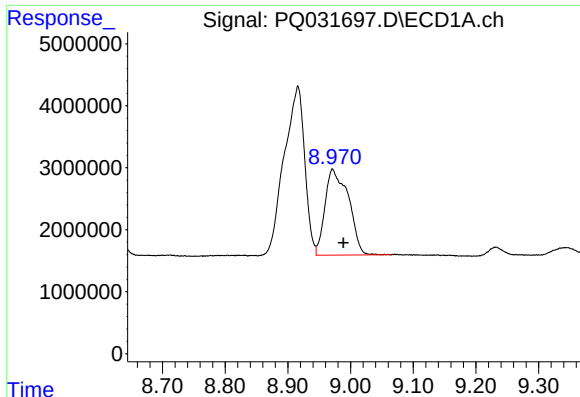
#38 AR-1262-3

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 22656649
Conc: 370.37 ng/ml



#38 AR-1262-3

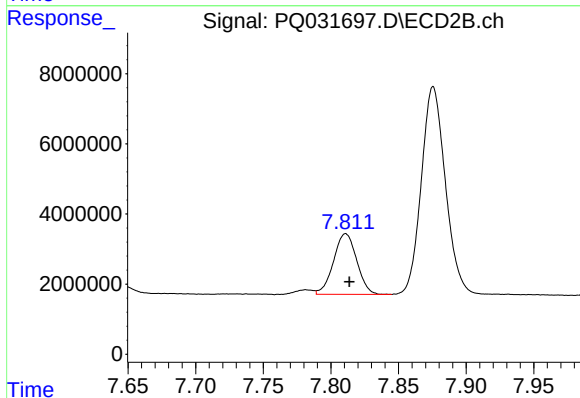
R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 22857784
Conc: 368.58 ng/ml



#39 AR-1262-4

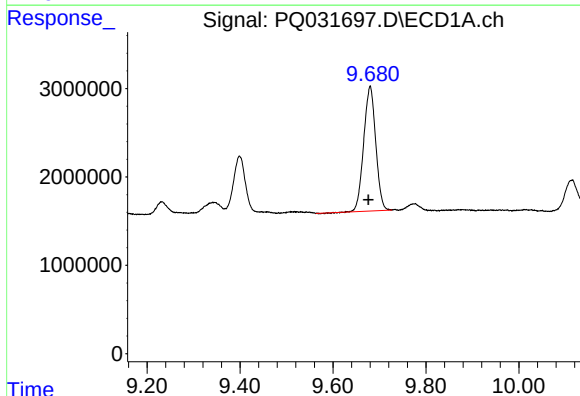
R.T.: 8.971 min
Delta R.T.: -0.018 min
Response: 36085925
Conc: 281.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



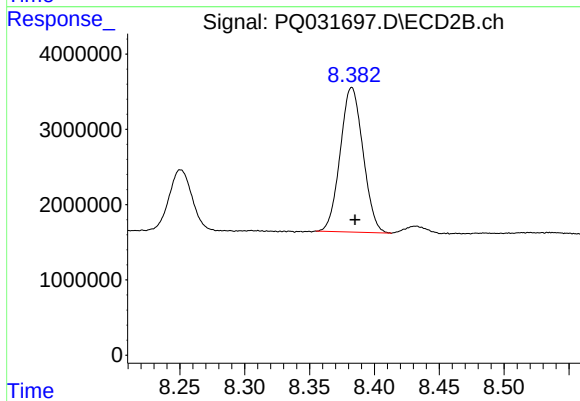
#39 AR-1262-4

R.T.: 7.811 min
Delta R.T.: -0.003 min
Response: 20705007
Conc: 197.69 ng/ml



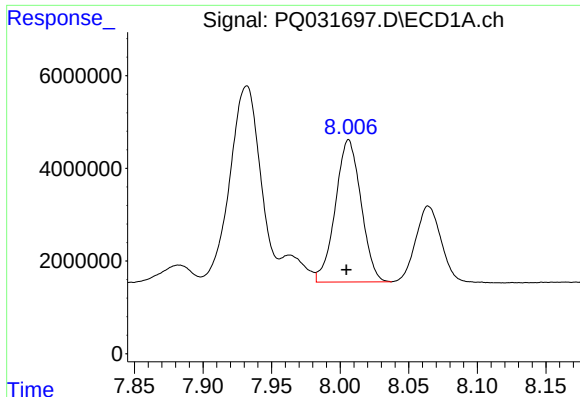
#40 AR-1262-5

R.T.: 9.680 min
Delta R.T.: 0.004 min
Response: 25261148
Conc: 262.01 ng/ml



#40 AR-1262-5

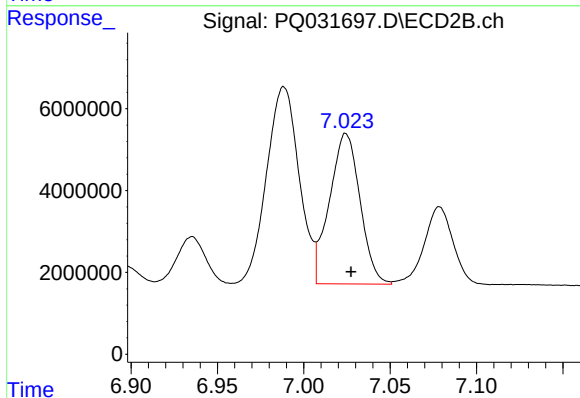
R.T.: 8.383 min
Delta R.T.: -0.002 min
Response: 23493885
Conc: 248.31 ng/ml



#41 AR-1268-1

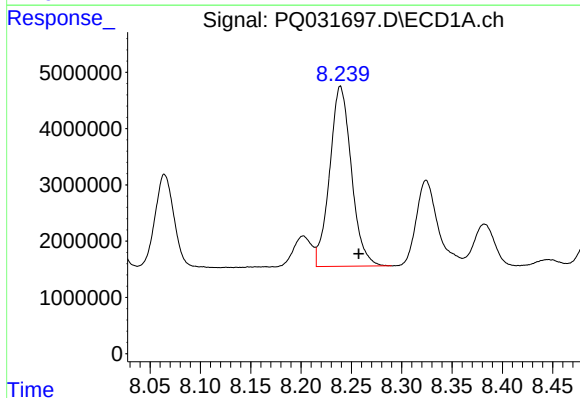
R.T.: 8.006 min
Delta R.T.: 0.002 min
Response: 39978037
Conc: 753.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



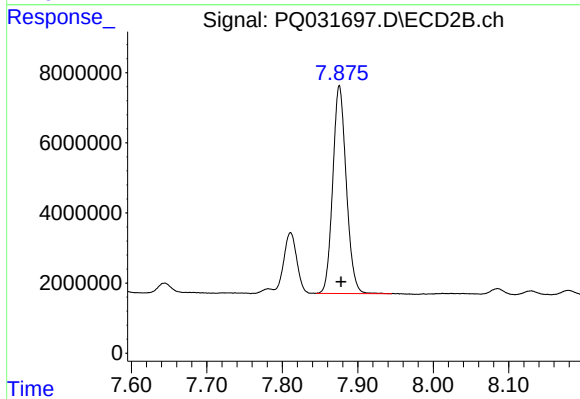
#41 AR-1268-1

R.T.: 7.024 min
Delta R.T.: -0.003 min
Response: 45312315
Conc: 841.50 ng/ml



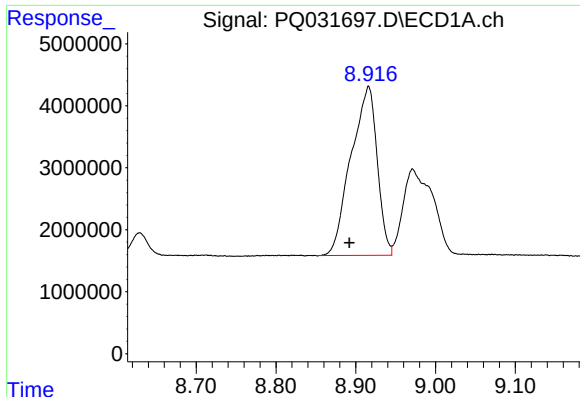
#42 AR-1268-2

R.T.: 8.239 min
Delta R.T.: -0.018 min
Response: 48022121
Conc: 688.05 ng/ml



#42 AR-1268-2

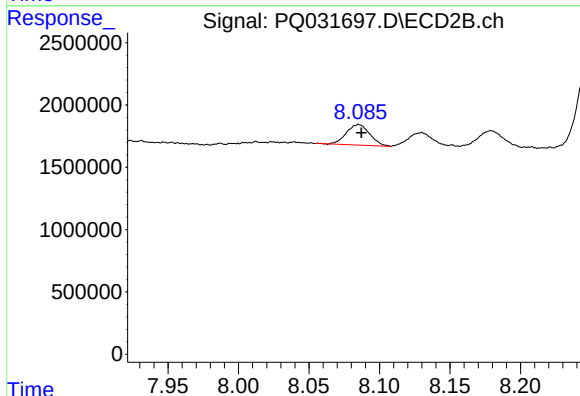
R.T.: 7.876 min
Delta R.T.: -0.002 min
Response: 73797730
Conc: 244.13 ng/ml



#43 AR-1268-3

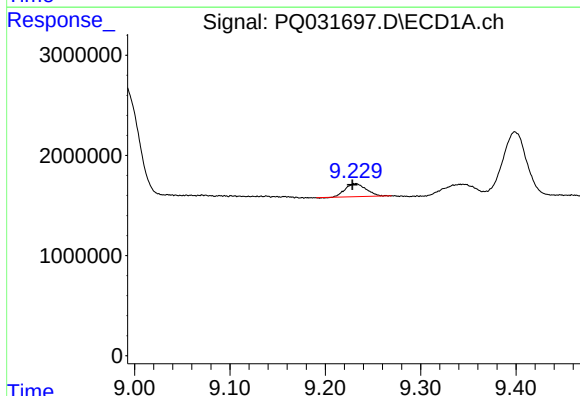
R.T.: 8.916 min
Delta R.T.: 0.024 min
Response: 62105197
Conc: 190.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



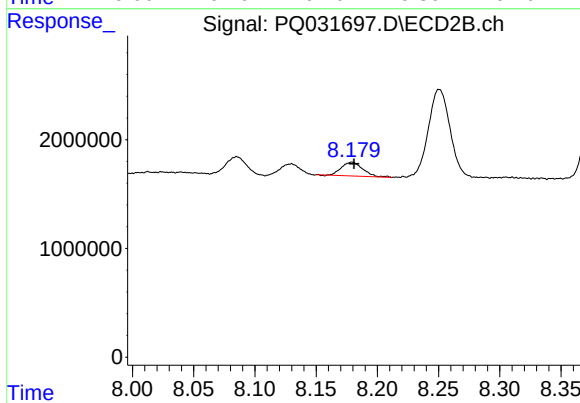
#43 AR-1268-3

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 1922739
Conc: 7.69 ng/ml



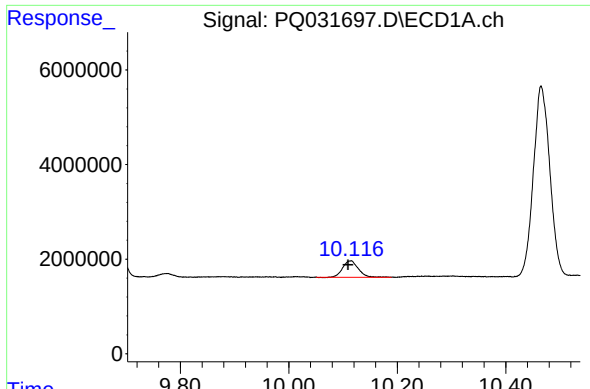
#44 AR-1268-4

R.T.: 9.232 min
Delta R.T.: 0.003 min
Response: 2001821
Conc: 8.00 ng/ml



#44 AR-1268-4

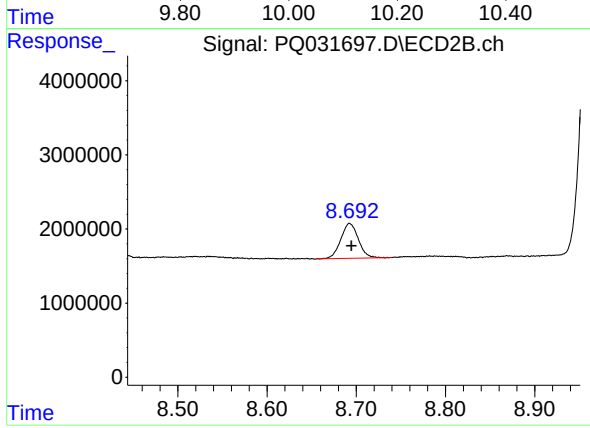
R.T.: 8.179 min
Delta R.T.: -0.002 min
Response: 1552042
Conc: 23.07 ng/ml



#45 AR-1268-5

R.T.: 10.115 min
Delta R.T.: 0.006 min
Response: 6972124
Conc: 8.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.693 min
Delta R.T.: -0.002 min
Response: 6435410
Conc: 7.64 ng/ml