

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042624\
 Data File : PQ066297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2024 17:52
 Operator : YP\AJ
 Sample : AR1660CCC400
 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: Apr 26 21:36:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042224CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 23 04:31:28 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.441	2.734	91921128	134.0E6	20.209	20.414
2)	SA Decachlor...	8.648	7.498	53318669	135.8E6	40.893	42.042
Target Compounds							
3)	L1 AR-1016-1	4.551	3.732	57588298	97681498	405.888	407.946
4)	L1 AR-1016-2	4.571	3.747	85661288	143.1E6	392.144	409.999
5)	L1 AR-1016-3	4.629	3.907	55601798	77529726	395.597	411.960
6)	L1 AR-1016-4	4.721	3.956	45021461	66022768	390.925	417.328
7)	L1 AR-1016-5	5.009	4.151	44328886	81176522	410.352	413.621
8)	L2 AR-1221-1	3.640	2.935	6338721	10117520	125.230	128.667
9)	L2 AR-1221-2	3.723	3.011	7838682	12932150	227.950	229.197
10)	L2 AR-1221-3	3.793	3.079	33794899	53012371	290.296	288.700
11)	L3 AR-1232-1	3.793	3.079	33794899	53012371	341.930	342.337
12)	L3 AR-1232-2	4.292	3.747	46251073	143.1E6	879.829	895.502
13)	L3 AR-1232-3	4.571	3.907	85661288	77529726	876.380	925.763
14)	L3 AR-1232-4	4.721	3.993	45021461	72014746	884.649	997.486
15)	L3 AR-1232-5	4.818	4.151	35104031	81176522	1005.464	983.552
16)	L4 AR-1242-1	4.551	3.732	57588298	97681498	510.575	506.185
17)	L4 AR-1242-2	4.571	3.747	85661288	143.1E6	495.813	515.876
18)	L4 AR-1242-3	4.629	3.907	55601798	77529726	487.985	514.393
19)	L4 AR-1242-4	4.721	3.993	45021461	72014746	481.615	504.947
20)	L4 AR-1242-5	5.440	4.486	11717842	80058602	130.698	423.119 #
21)	L5 AR-1248-1	4.551	3.732	57588298	97681498	681.507	675.587
22)	L5 AR-1248-2	4.818	3.956	35104031	66022768	292.736	300.878
23)	L5 AR-1248-3	5.009	3.993	44328886	72014746	313.966	341.147
24)	L5 AR-1248-4	5.405	4.151	14167449	81176522	95.344	312.293 #
25)	L5 AR-1248-5	5.440	4.524	11717842	20550739	77.759	79.584
26)	L6 AR-1254-1	5.377	4.486	37723730	80058602	244.597	204.354
27)	L6 AR-1254-2	5.596	4.633	34233236	57951501	145.174	168.862
28)	L6 AR-1254-3	5.950	5.016	14569967	24050740	60.770	44.387 #
29)	L6 AR-1254-4	6.233	5.241	9057616	9212277	52.855	26.357 #
30)	L6 AR-1254-5	6.649	5.645	99611693	218.2E6	539.431	439.007
31)	L7 AR-1260-1	6.116	5.143	77105794	160.9E6	407.623	409.552
32)	L7 AR-1260-2	6.376	5.333	89433674	193.6E6	403.303	403.500
33)	L7 AR-1260-3	6.731	5.474	65232737	182.4E6	402.715	407.612
34)	L7 AR-1260-4	6.949	5.936	72488240	151.1E6	393.332	411.207
35)	L7 AR-1260-5	7.260	6.182	135.7E6	348.2E6	397.943	413.324
36)	L8 AR-1262-1	6.731	5.689	65232737	158.0E6	287.283	298.329
37)	L8 AR-1262-2	7.260	6.182	135.7E6	348.2E6	364.971	370.735
38)	L8 AR-1262-3	7.539	6.460	84676239	81024374	347.185	210.760 #
39)	L8 AR-1262-4	7.609	6.519	22242691	255.6E6	118.966	360.827 #
40)	L8 AR-1262-5	8.115	7.015	34476831	89372837	275.237	272.763
41)	L9 AR-1268-1	7.539	6.460	84676239	81024374	200.147	74.137 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2024 17:52
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

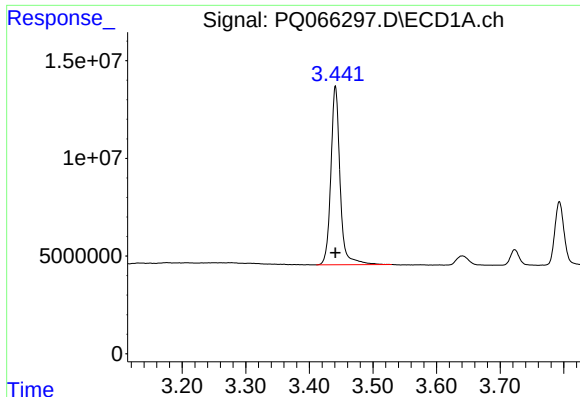
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 21:36:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042224CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 23 04:31:28 2024
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.609	6.519	22242691	255.6E6	57.084	256.383 #
43)	L9 AR-1268-3	7.792	6.722	1532845	4526246	4.761	5.247
44)	L9 AR-1268-4	8.115	7.015	34476831	89372837	249.252	246.880
45)	L9 AR-1268-5	8.411	7.283	9379225	21910040	10.117	8.583

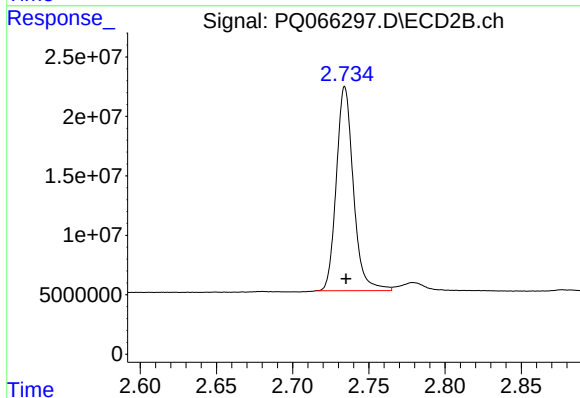
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

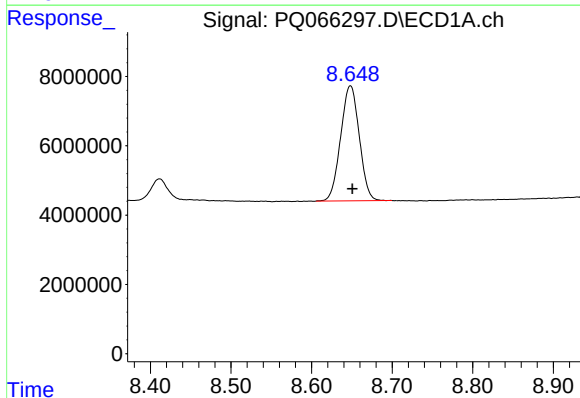
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 91921128
Conc: 20.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



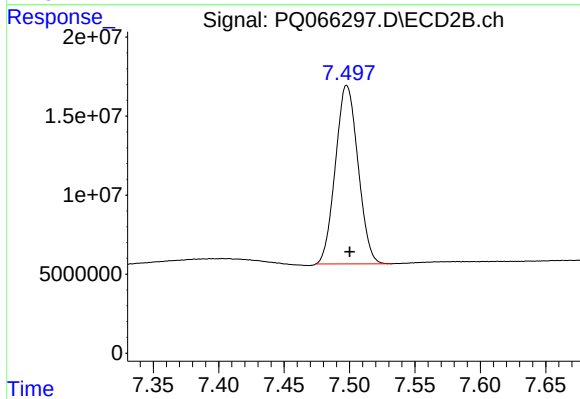
#1 Tetrachloro-m-xylene

R.T.: 2.734 min
Delta R.T.: 0.000 min
Response: 134016544
Conc: 20.41 ng/ml



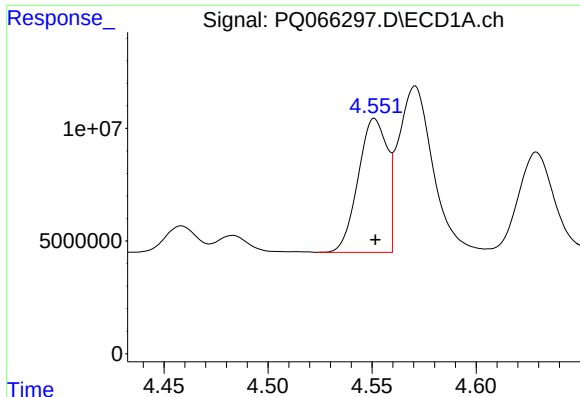
#2 Decachlorobiphenyl

R.T.: 8.648 min
Delta R.T.: -0.002 min
Response: 53318669
Conc: 40.89 ng/ml



#2 Decachlorobiphenyl

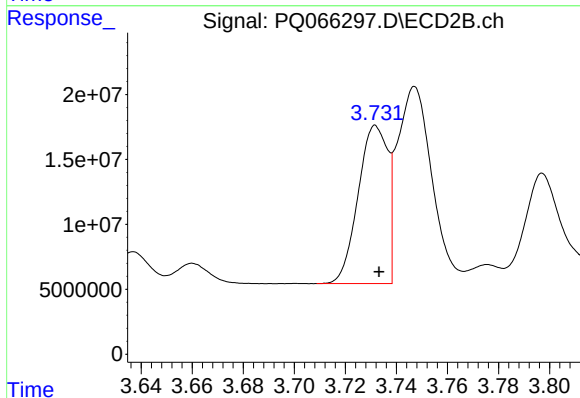
R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 135760211
Conc: 42.04 ng/ml



#3 AR-1016-1

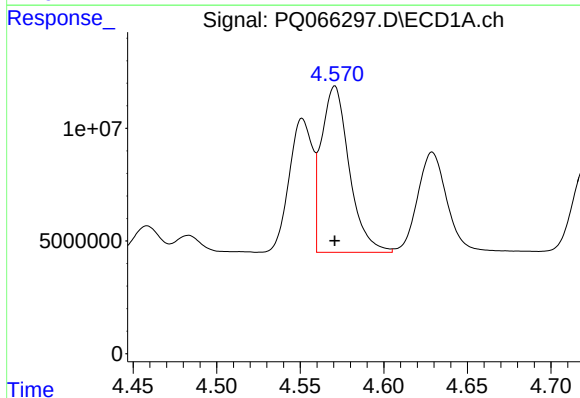
R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 57588298
Conc: 405.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



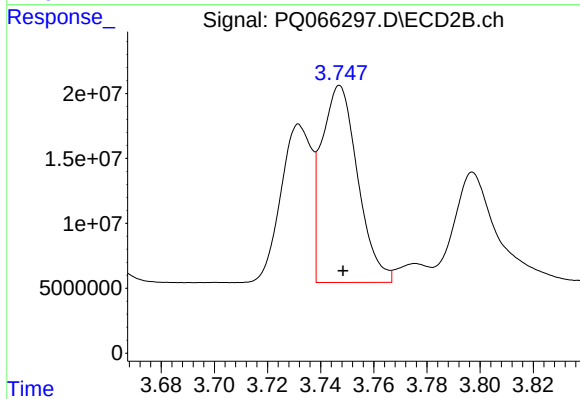
#3 AR-1016-1

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 97681498
Conc: 407.95 ng/ml



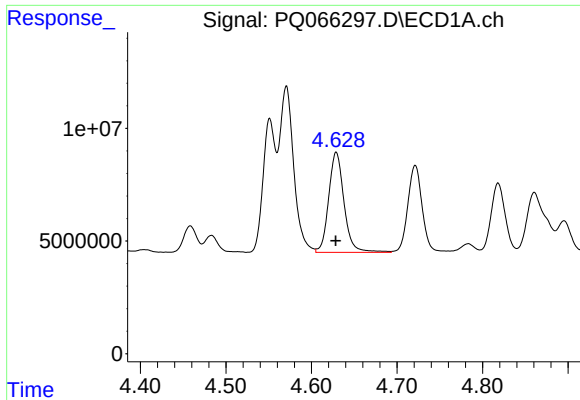
#4 AR-1016-2

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 85661288
Conc: 392.14 ng/ml



#4 AR-1016-2

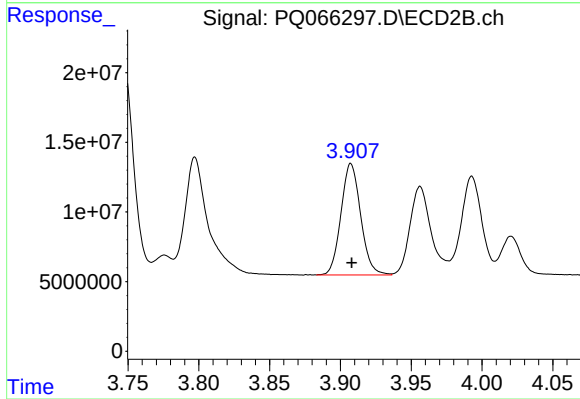
R.T.: 3.747 min
Delta R.T.: -0.001 min
Response: 143135847
Conc: 410.00 ng/ml



#5 AR-1016-3

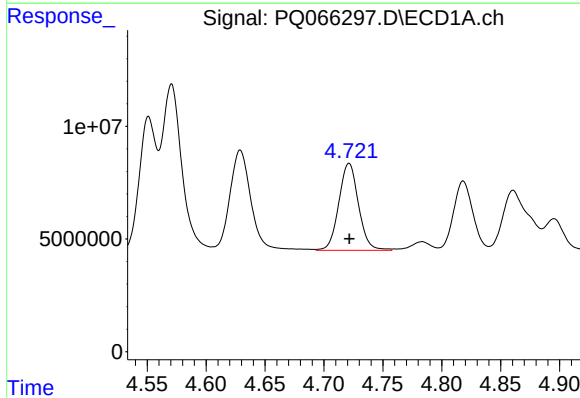
R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 55601798
Conc: 395.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



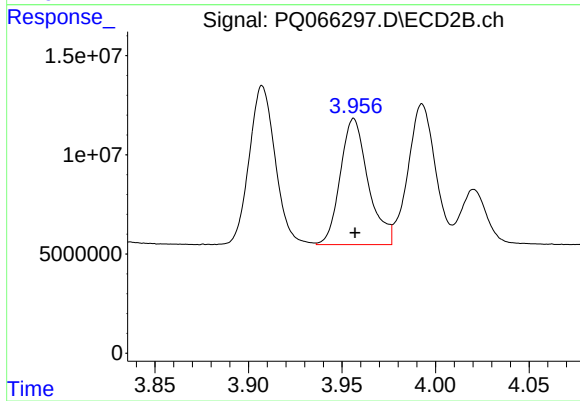
#5 AR-1016-3

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 77529726
Conc: 411.96 ng/ml



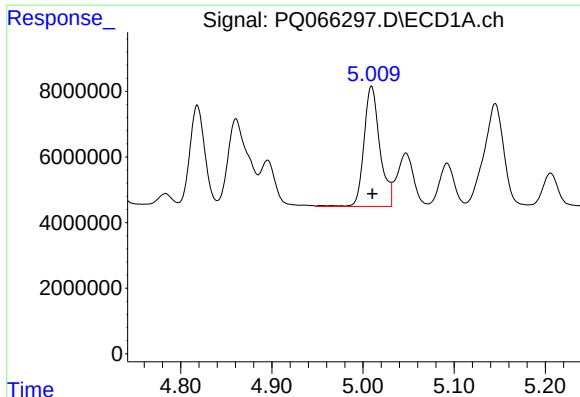
#6 AR-1016-4

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 45021461
Conc: 390.92 ng/ml



#6 AR-1016-4

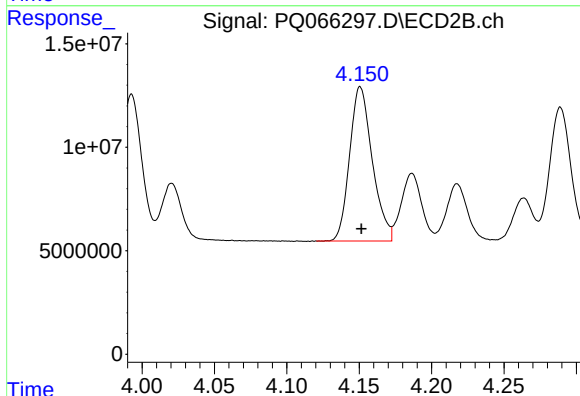
R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 66022768
Conc: 417.33 ng/ml



#7 AR-1016-5

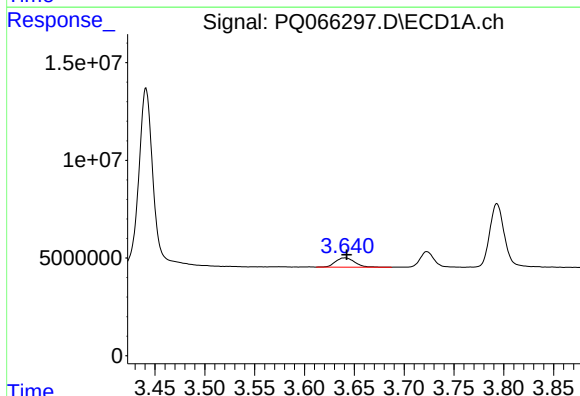
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 44328886
Conc: 410.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



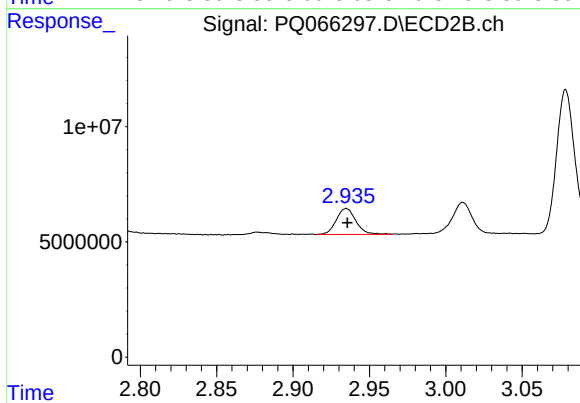
#7 AR-1016-5

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 81176522
Conc: 413.62 ng/ml



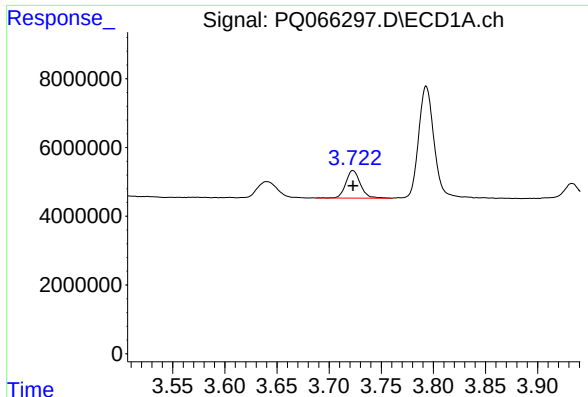
#8 AR-1221-1

R.T.: 3.640 min
Delta R.T.: -0.002 min
Response: 6338721
Conc: 125.23 ng/ml



#8 AR-1221-1

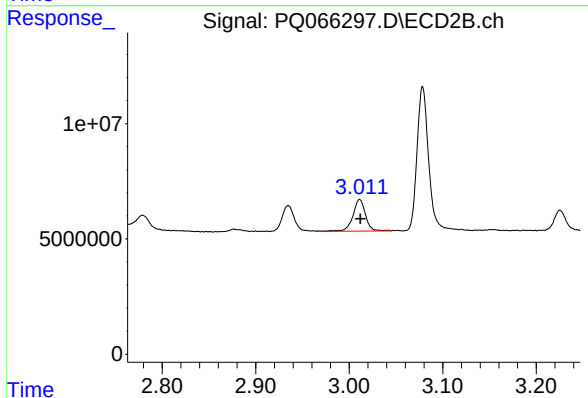
R.T.: 2.935 min
Delta R.T.: 0.000 min
Response: 10117520
Conc: 128.67 ng/ml



#9 AR-1221-2

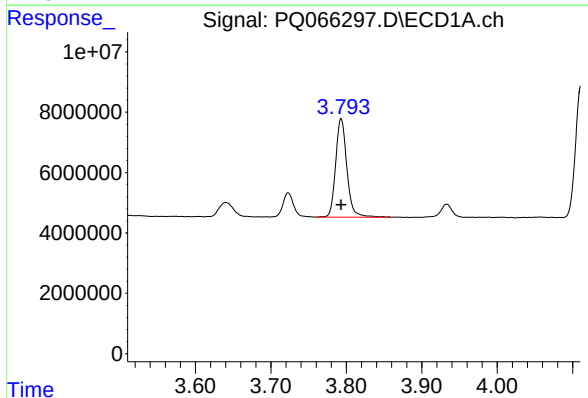
R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 7838682
Conc: 227.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



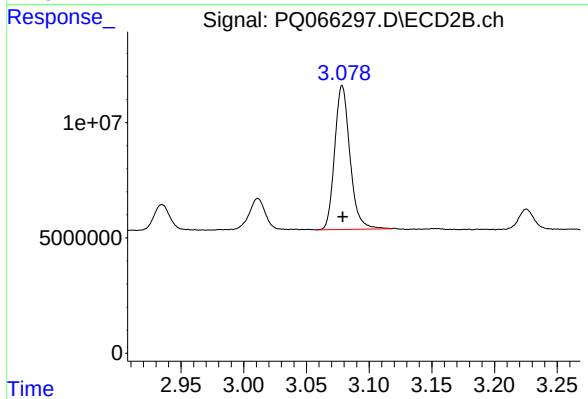
#9 AR-1221-2

R.T.: 3.011 min
Delta R.T.: 0.000 min
Response: 12932150
Conc: 229.20 ng/ml



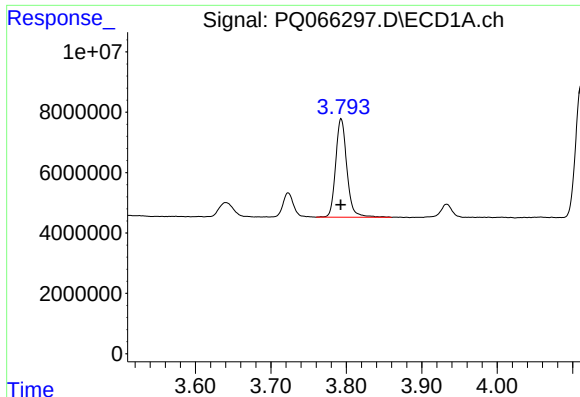
#10 AR-1221-3

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 33794899
Conc: 290.30 ng/ml



#10 AR-1221-3

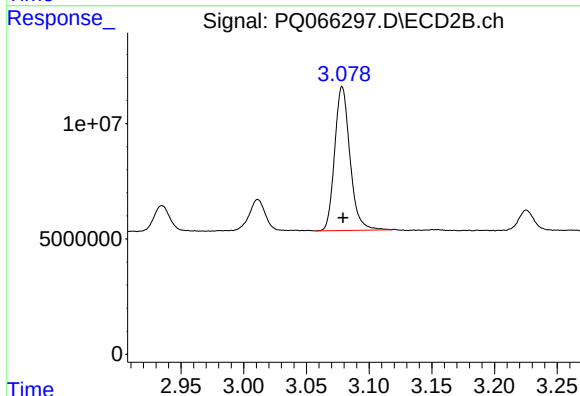
R.T.: 3.079 min
Delta R.T.: 0.000 min
Response: 53012371
Conc: 288.70 ng/ml



#11 AR-1232-1

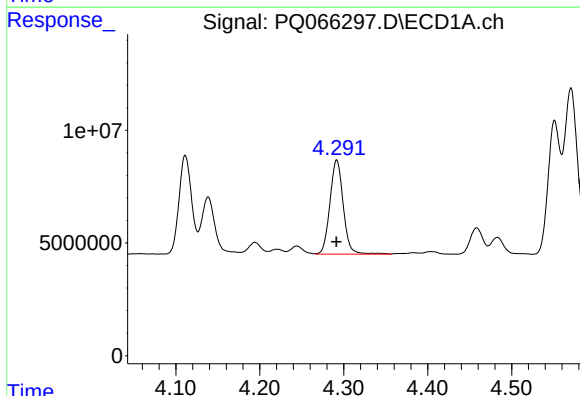
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 33794899
Conc: 341.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



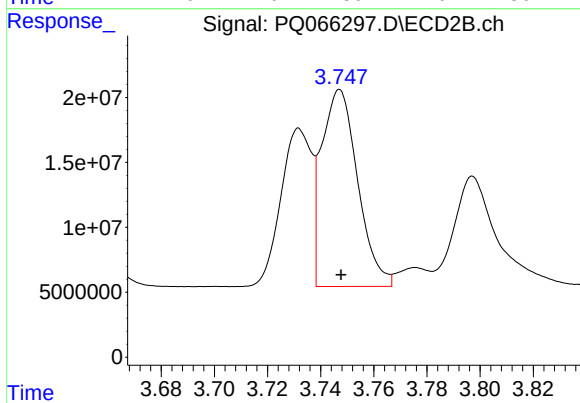
#11 AR-1232-1

R.T.: 3.079 min
Delta R.T.: 0.000 min
Response: 53012371
Conc: 342.34 ng/ml



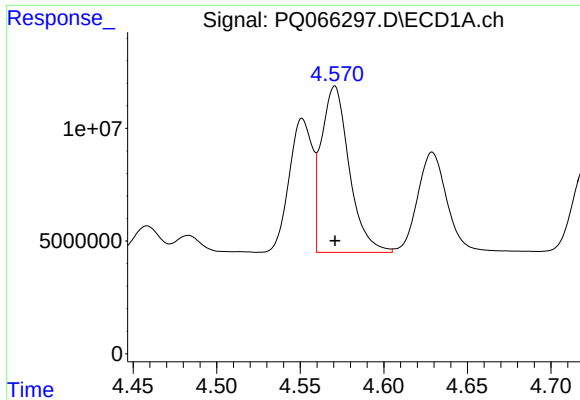
#12 AR-1232-2

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 46251073
Conc: 879.83 ng/ml



#12 AR-1232-2

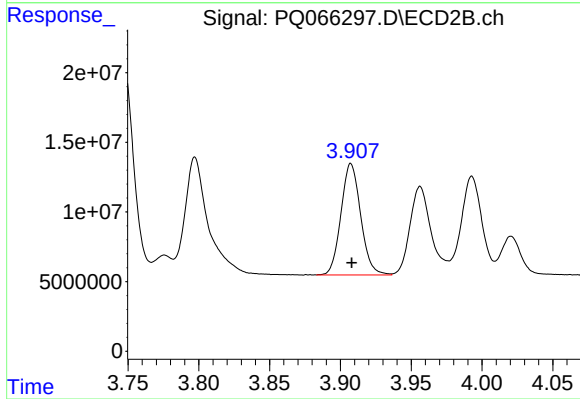
R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 143135847
Conc: 895.50 ng/ml



#13 AR-1232-3

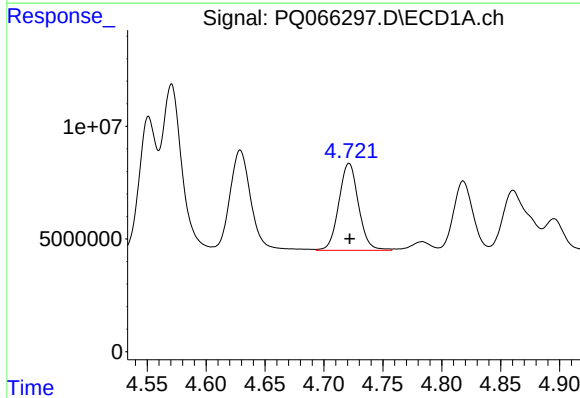
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 85661288
Conc: 876.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



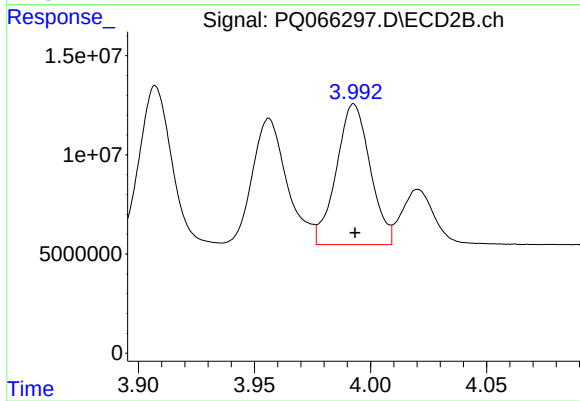
#13 AR-1232-3

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 77529726
Conc: 925.76 ng/ml



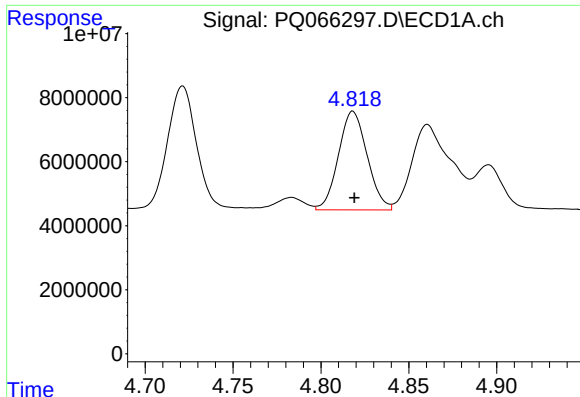
#14 AR-1232-4

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 45021461
Conc: 884.65 ng/ml



#14 AR-1232-4

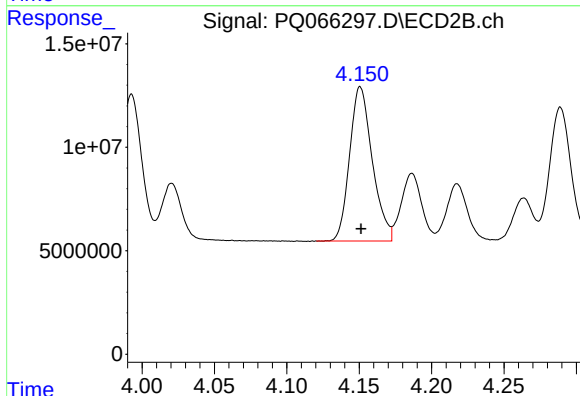
R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 72014746
Conc: 997.49 ng/ml



#15 AR-1232-5

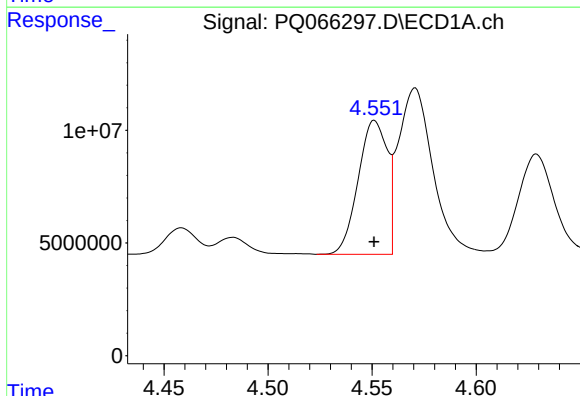
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 35104031
Conc: 1005.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



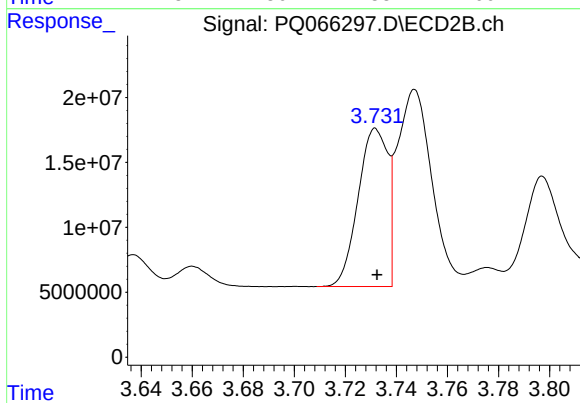
#15 AR-1232-5

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 81176522
Conc: 983.55 ng/ml



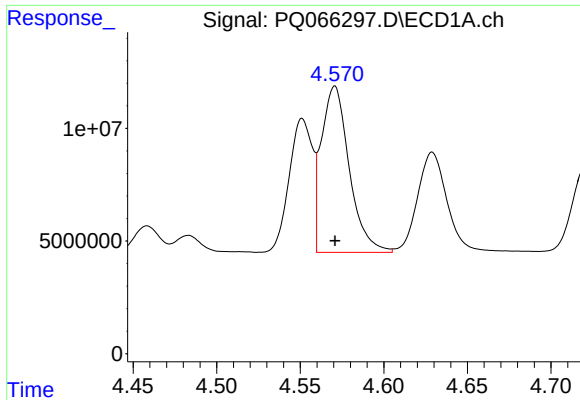
#16 AR-1242-1

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 57588298
Conc: 510.58 ng/ml



#16 AR-1242-1

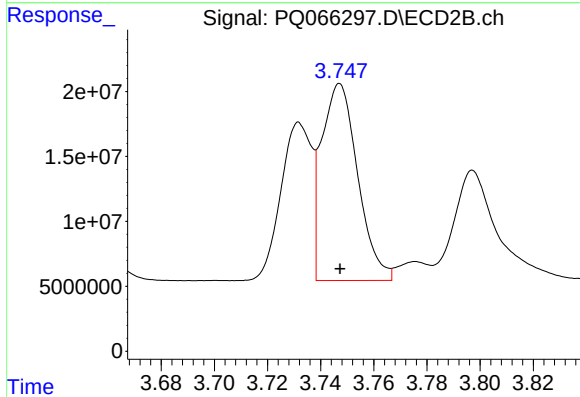
R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 97681498
Conc: 506.19 ng/ml



#17 AR-1242-2

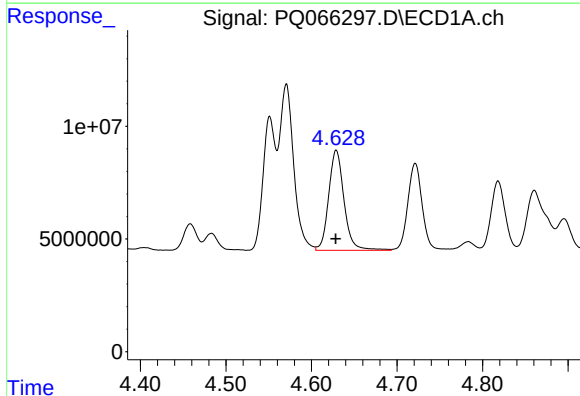
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 85661288
Conc: 495.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



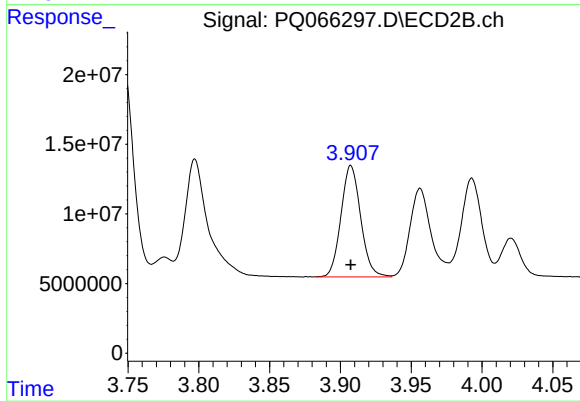
#17 AR-1242-2

R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 143135847
Conc: 515.88 ng/ml



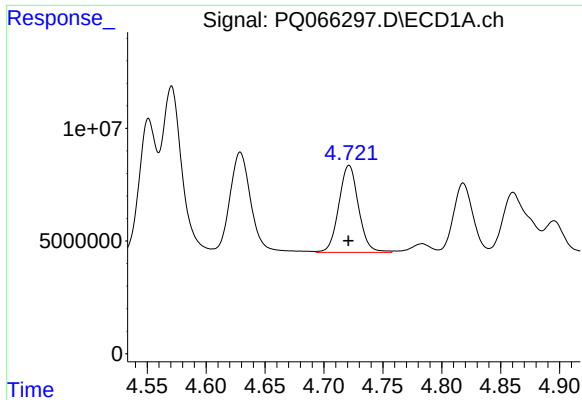
#18 AR-1242-3

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 55601798
Conc: 487.99 ng/ml



#18 AR-1242-3

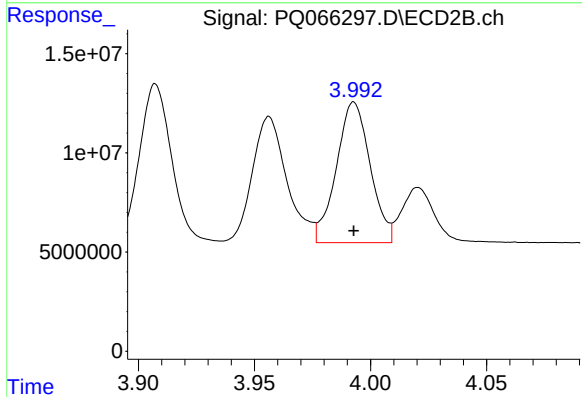
R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 77529726
Conc: 514.39 ng/ml



#19 AR-1242-4

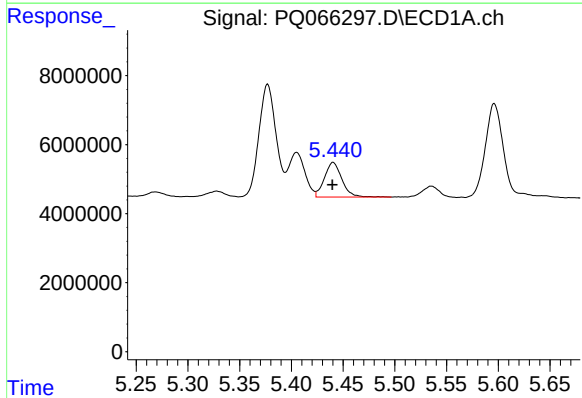
R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 45021461
Conc: 481.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



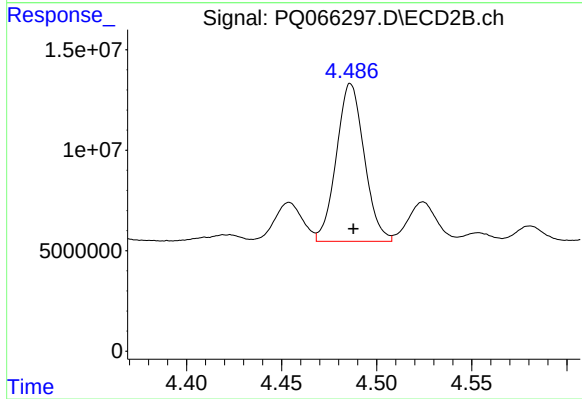
#19 AR-1242-4

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 72014746
Conc: 504.95 ng/ml



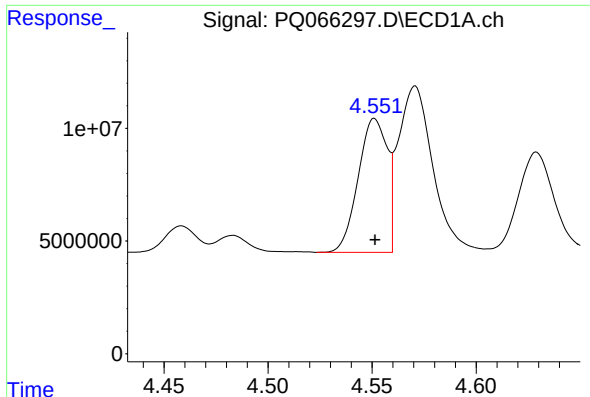
#20 AR-1242-5

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 11717842
Conc: 130.70 ng/ml



#20 AR-1242-5

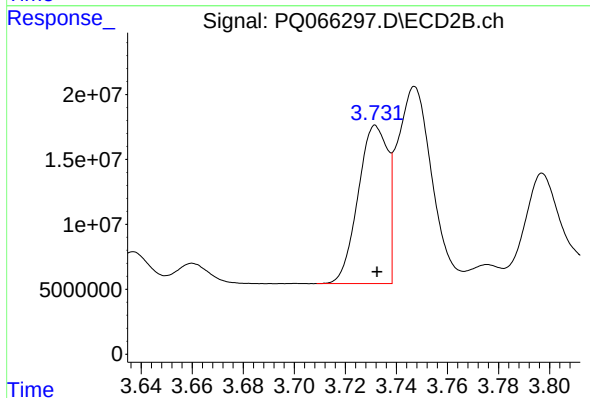
R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 80058602
Conc: 423.12 ng/ml



#21 AR-1248-1

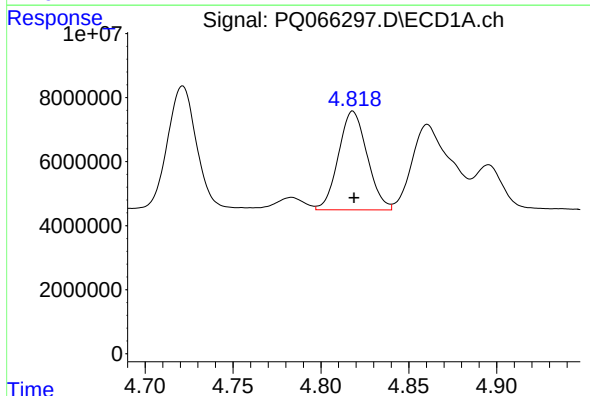
R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 57588298
Conc: 681.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



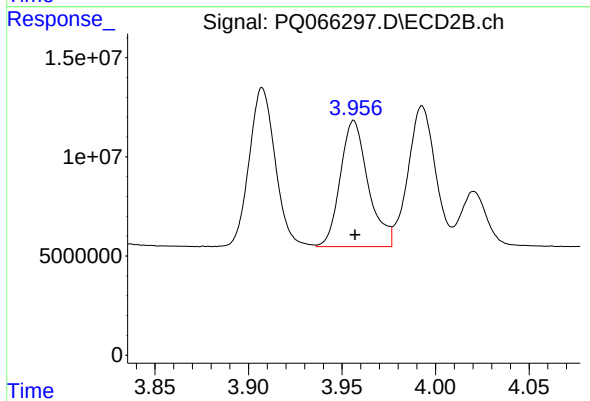
#21 AR-1248-1

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 97681498
Conc: 675.59 ng/ml



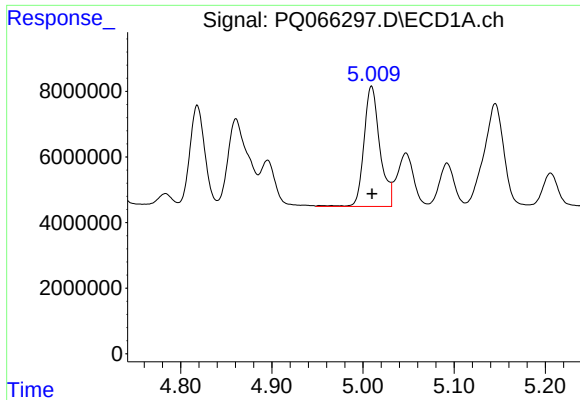
#22 AR-1248-2

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 35104031
Conc: 292.74 ng/ml



#22 AR-1248-2

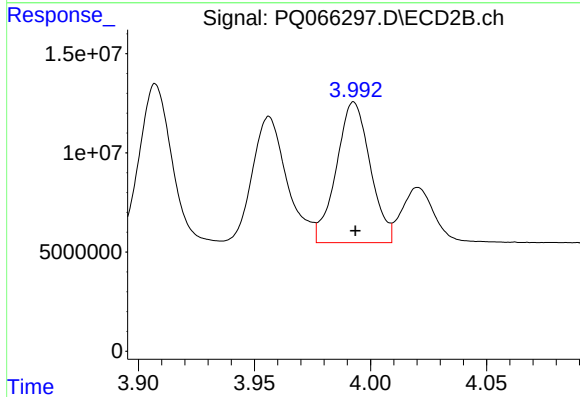
R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 66022768
Conc: 300.88 ng/ml



#23 AR-1248-3

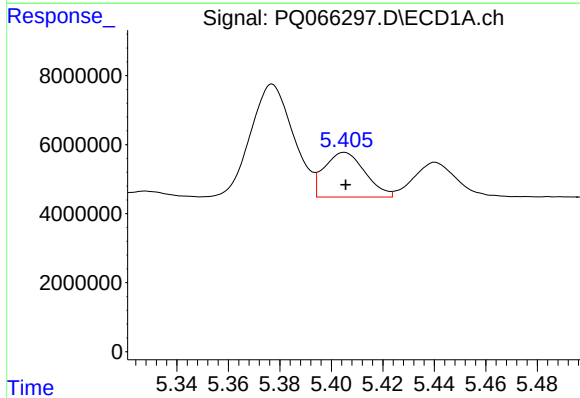
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 44328886
Conc: 313.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



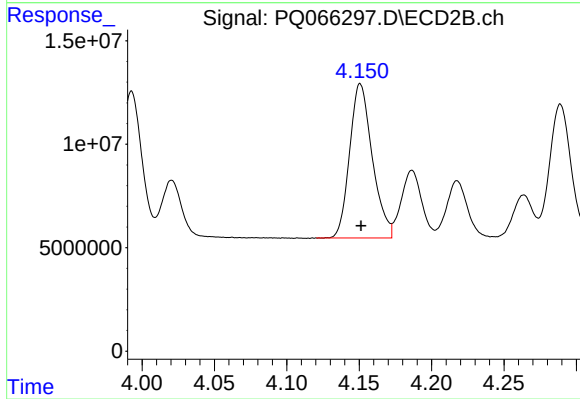
#23 AR-1248-3

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 72014746
Conc: 341.15 ng/ml



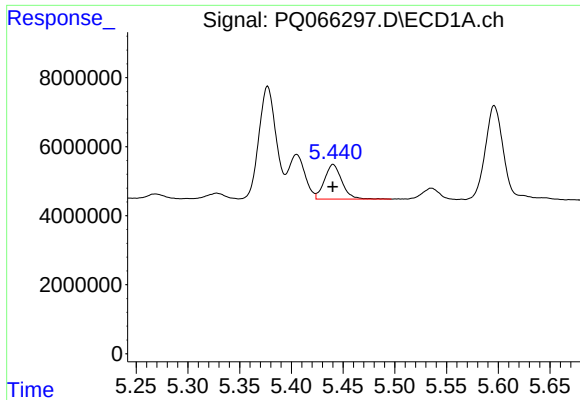
#24 AR-1248-4

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 14167449
Conc: 95.34 ng/ml



#24 AR-1248-4

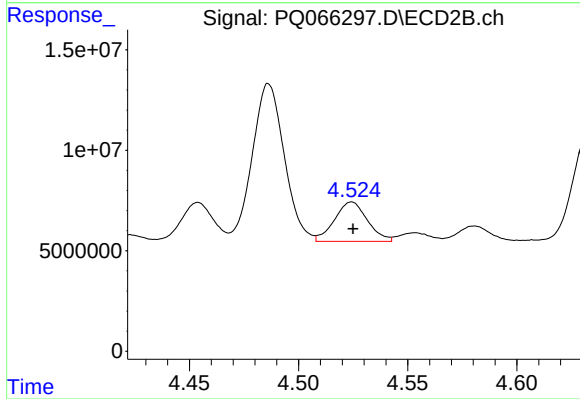
R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 81176522
Conc: 312.29 ng/ml



#25 AR-1248-5

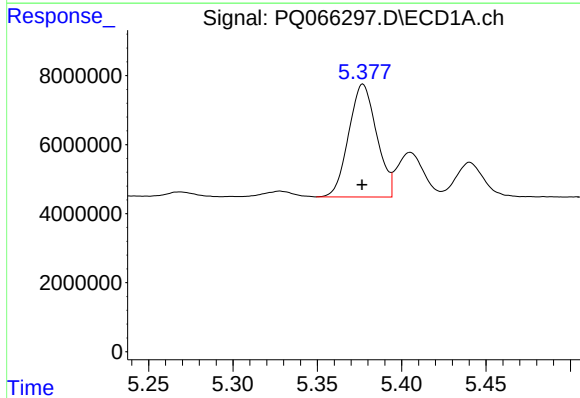
R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 11717842
Conc: 77.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



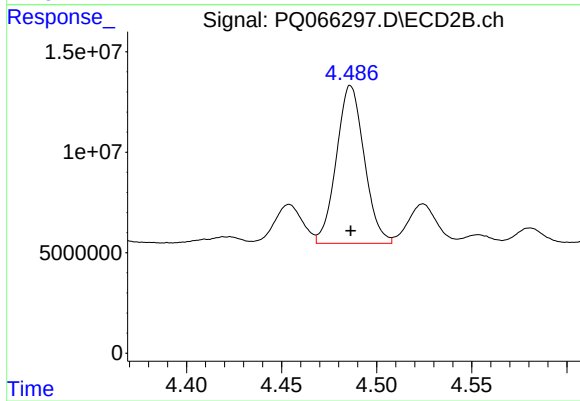
#25 AR-1248-5

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 20550739
Conc: 79.58 ng/ml



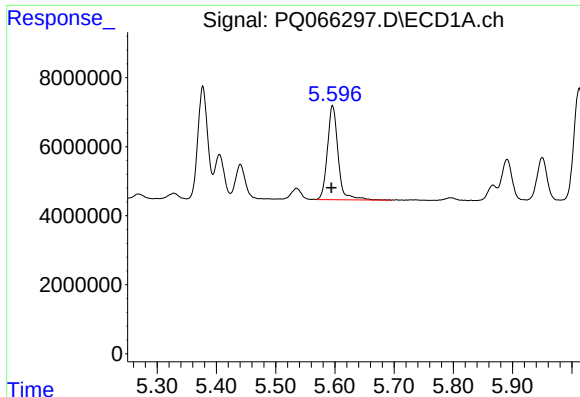
#26 AR-1254-1

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 37723730
Conc: 244.60 ng/ml



#26 AR-1254-1

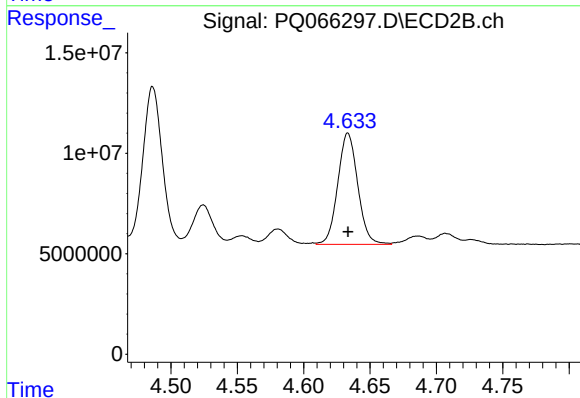
R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 80058602
Conc: 204.35 ng/ml



#27 AR-1254-2

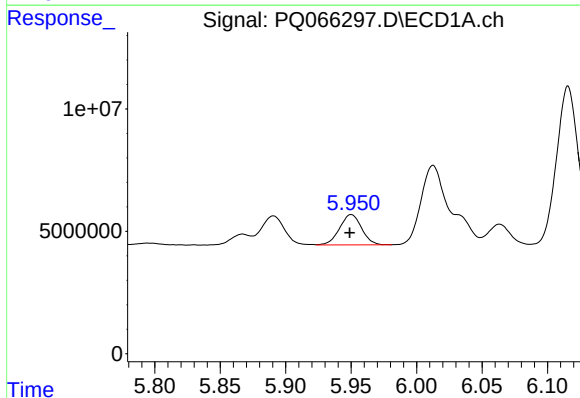
R.T.: 5.596 min
Delta R.T.: 0.002 min
Response: 34233236
Conc: 145.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



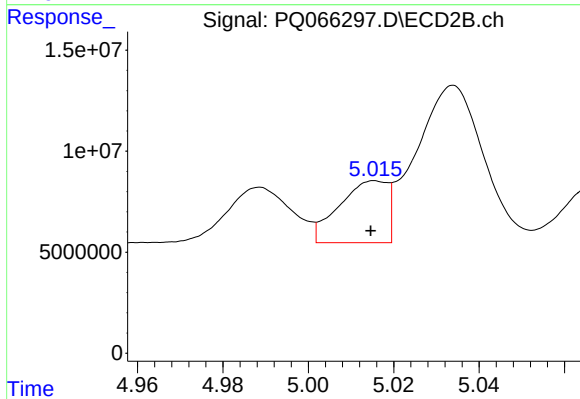
#27 AR-1254-2

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 57951501
Conc: 168.86 ng/ml



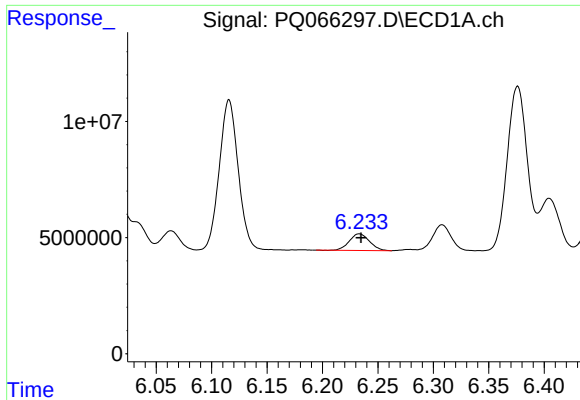
#28 AR-1254-3

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 14569967
Conc: 60.77 ng/ml



#28 AR-1254-3

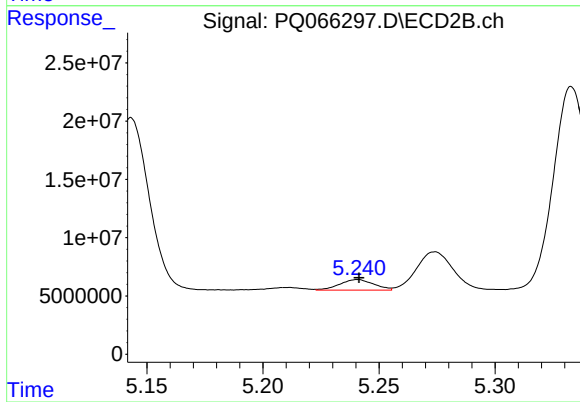
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 24050740
Conc: 44.39 ng/ml



#29 AR-1254-4

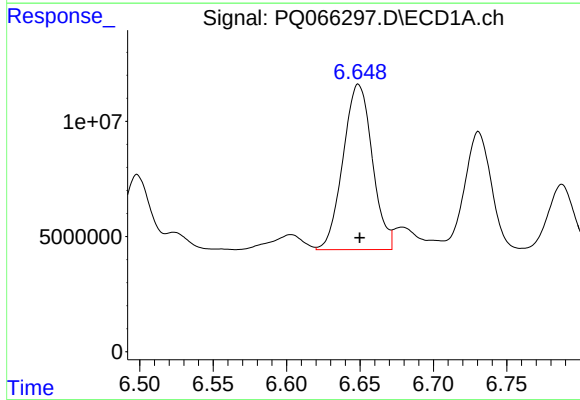
R.T.: 6.233 min
Delta R.T.: -0.002 min
Response: 9057616
Conc: 52.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



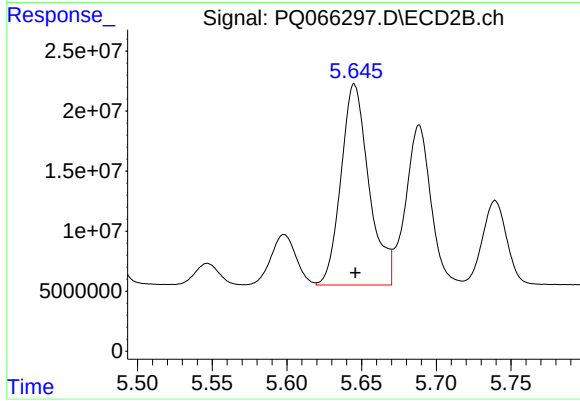
#29 AR-1254-4

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 9212277
Conc: 26.36 ng/ml



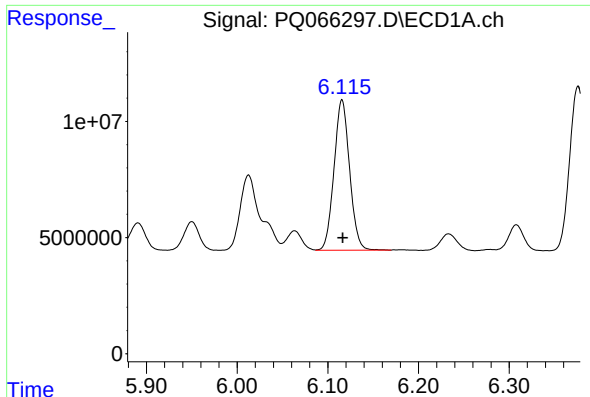
#30 AR-1254-5

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 99611693
Conc: 539.43 ng/ml



#30 AR-1254-5

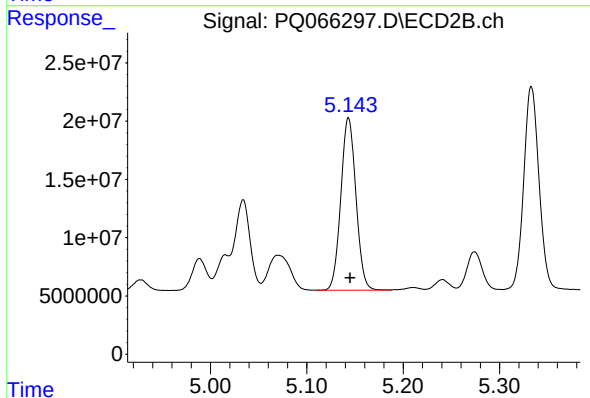
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 218182670
Conc: 439.01 ng/ml



#31 AR-1260-1

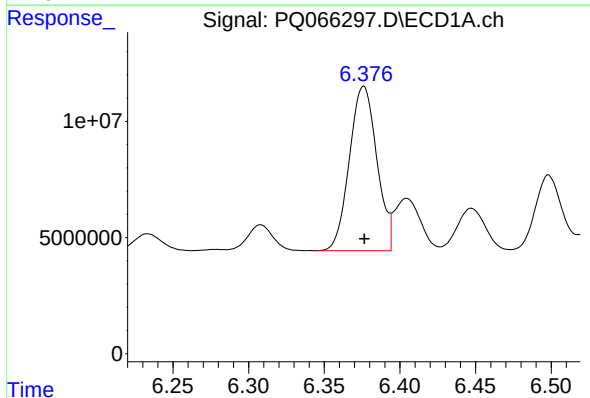
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 77105794
Conc: 407.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



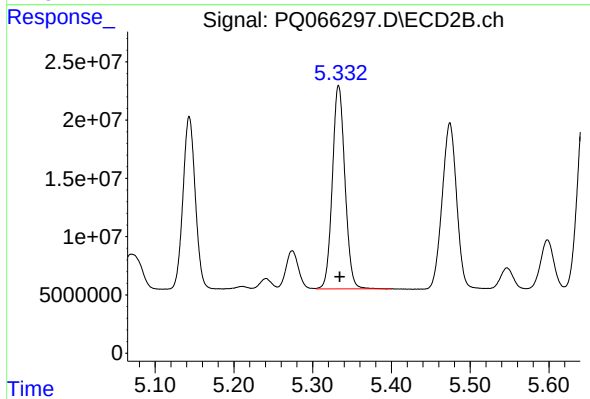
#31 AR-1260-1

R.T.: 5.143 min
Delta R.T.: -0.001 min
Response: 160875921
Conc: 409.55 ng/ml



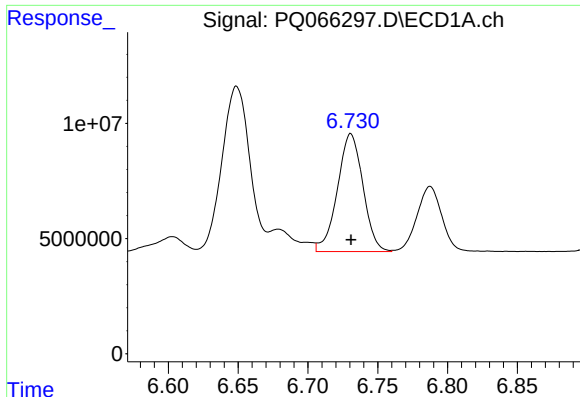
#32 AR-1260-2

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 89433674
Conc: 403.30 ng/ml



#32 AR-1260-2

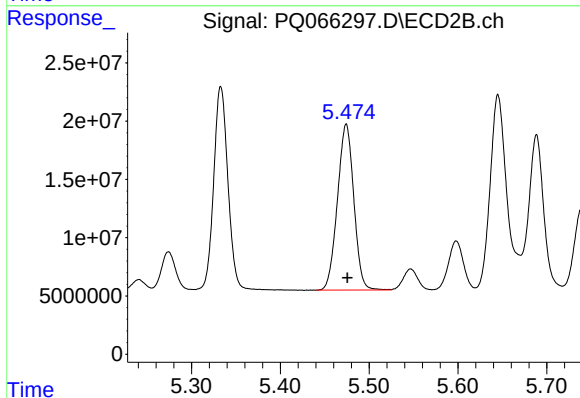
R.T.: 5.333 min
Delta R.T.: -0.001 min
Response: 193559451
Conc: 403.50 ng/ml



#33 AR-1260-3

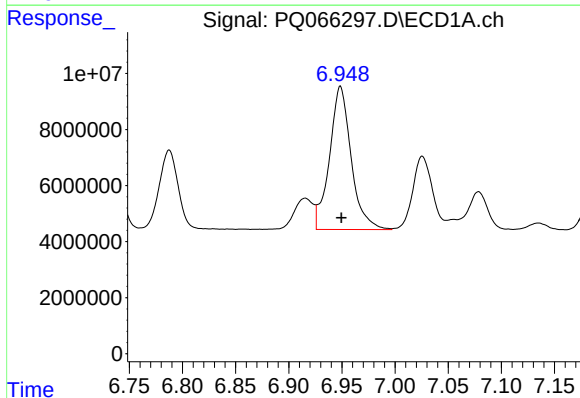
R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 65232737
Conc: 402.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



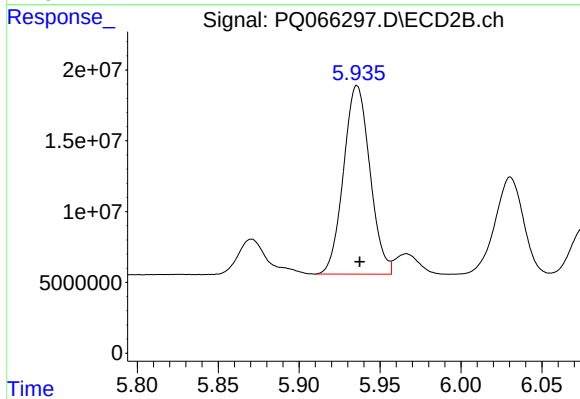
#33 AR-1260-3

R.T.: 5.474 min
Delta R.T.: -0.001 min
Response: 182384806
Conc: 407.61 ng/ml



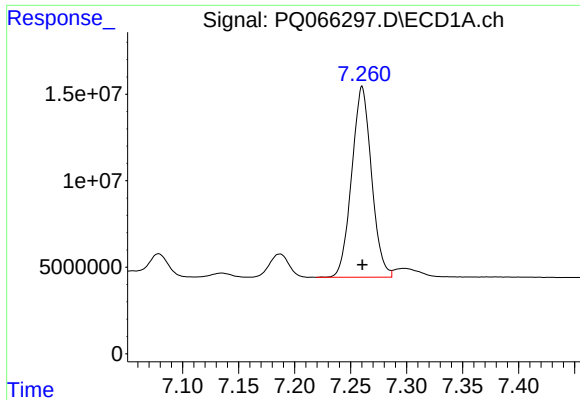
#34 AR-1260-4

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 72488240
Conc: 393.33 ng/ml



#34 AR-1260-4

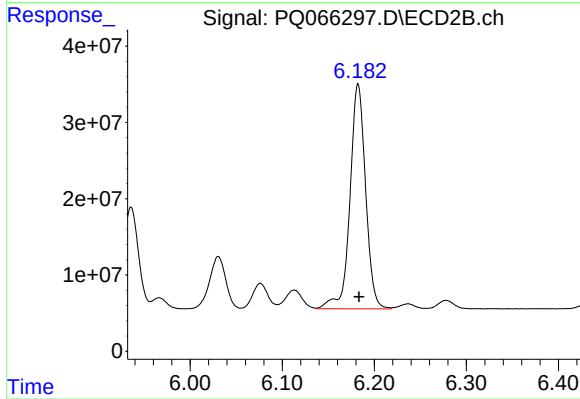
R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 151089624
Conc: 411.21 ng/ml



#35 AR-1260-5

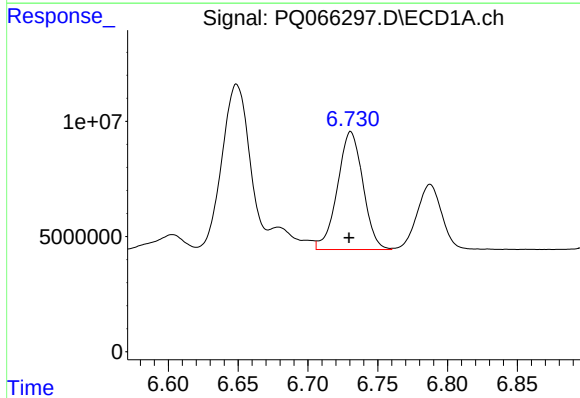
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 135705303
Conc: 397.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



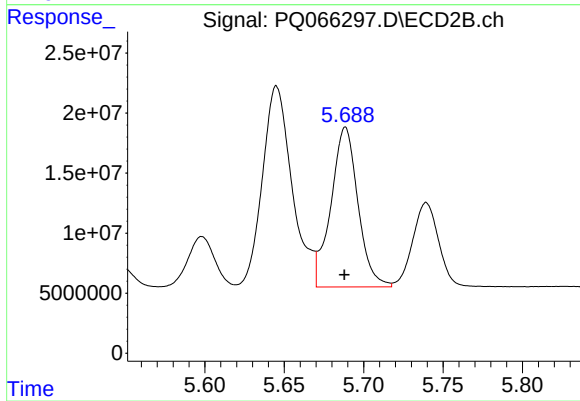
#35 AR-1260-5

R.T.: 6.182 min
Delta R.T.: -0.001 min
Response: 348189744
Conc: 413.32 ng/ml



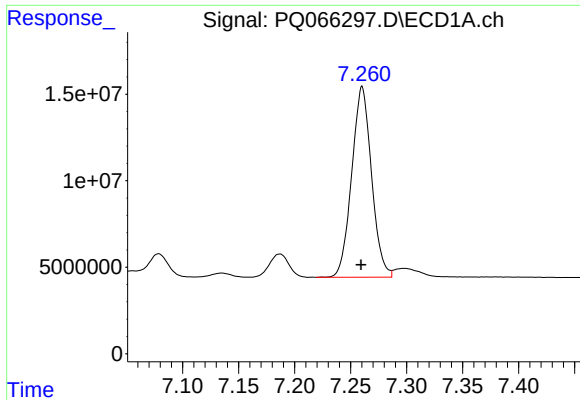
#36 AR-1262-1

R.T.: 6.731 min
Delta R.T.: 0.001 min
Response: 65232737
Conc: 287.28 ng/ml



#36 AR-1262-1

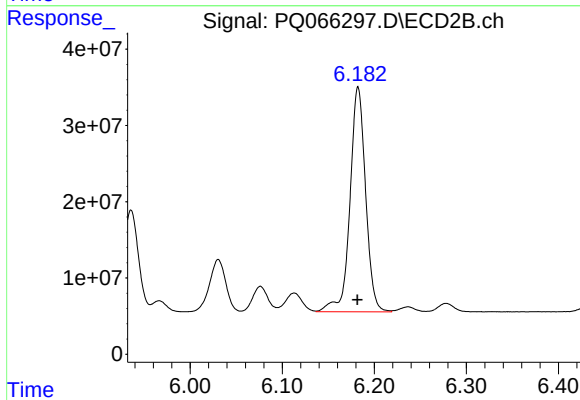
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 158018160
Conc: 298.33 ng/ml



#37 AR-1262-2

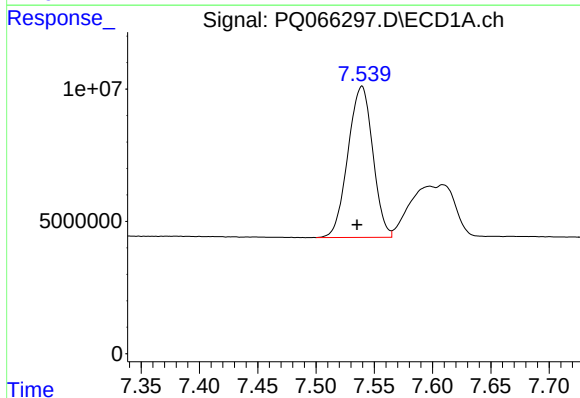
R.T.: 7.260 min
Delta R.T.: 0.001 min
Response: 135705303
Conc: 364.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



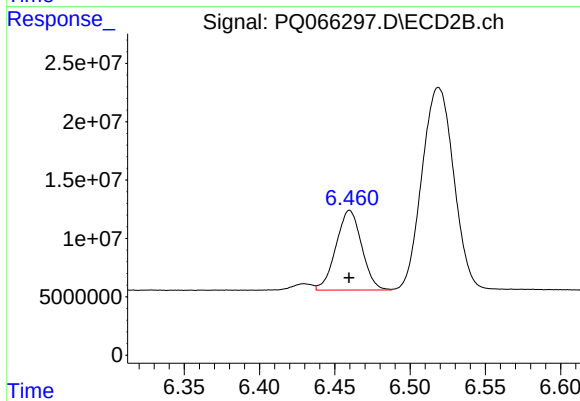
#37 AR-1262-2

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 348189744
Conc: 370.74 ng/ml



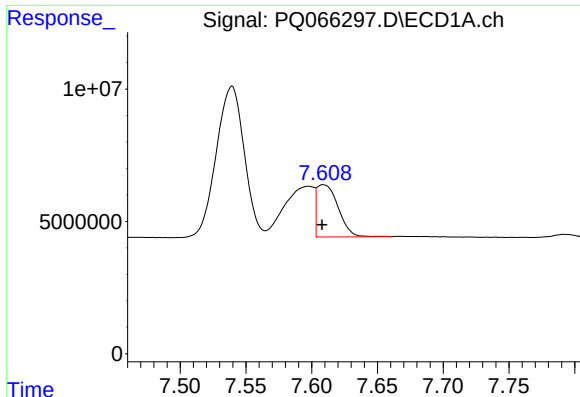
#38 AR-1262-3

R.T.: 7.539 min
Delta R.T.: 0.004 min
Response: 84676239
Conc: 347.19 ng/ml



#38 AR-1262-3

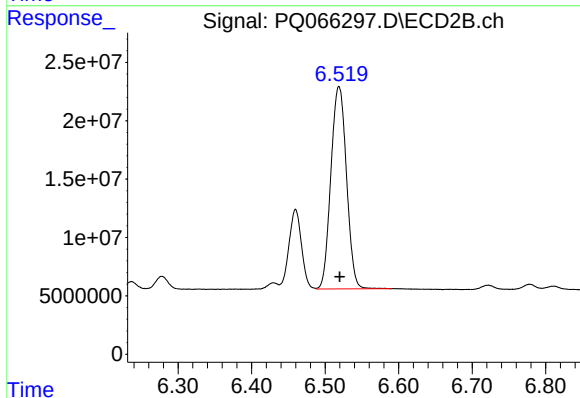
R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 81024374
Conc: 210.76 ng/ml



#39 AR-1262-4

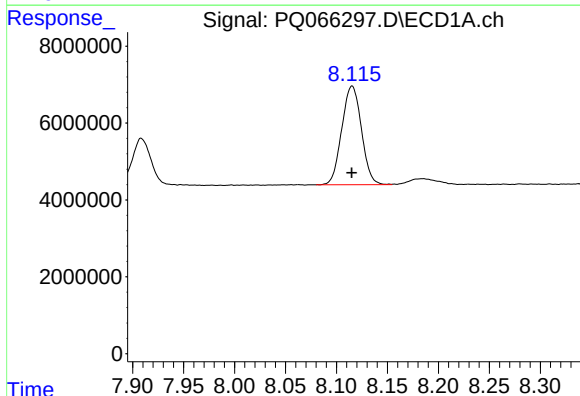
R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 22242691
Conc: 118.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



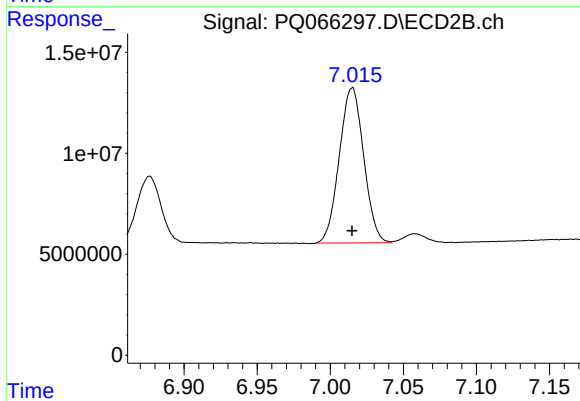
#39 AR-1262-4

R.T.: 6.519 min
Delta R.T.: -0.001 min
Response: 255578580
Conc: 360.83 ng/ml



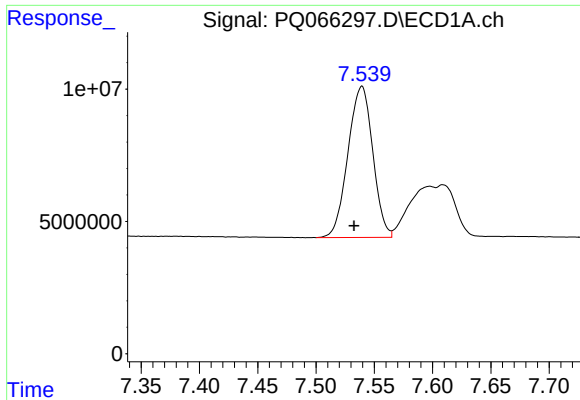
#40 AR-1262-5

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 34476831
Conc: 275.24 ng/ml



#40 AR-1262-5

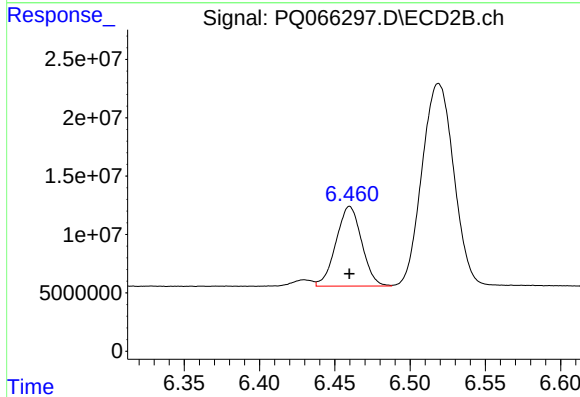
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 89372837
Conc: 272.76 ng/ml



#41 AR-1268-1

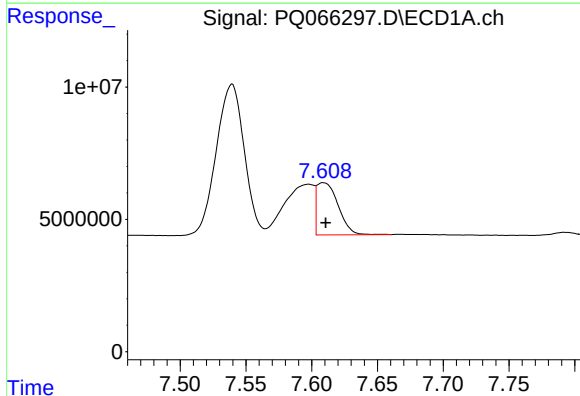
R.T.: 7.539 min
Delta R.T.: 0.007 min
Response: 84676239
Conc: 200.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



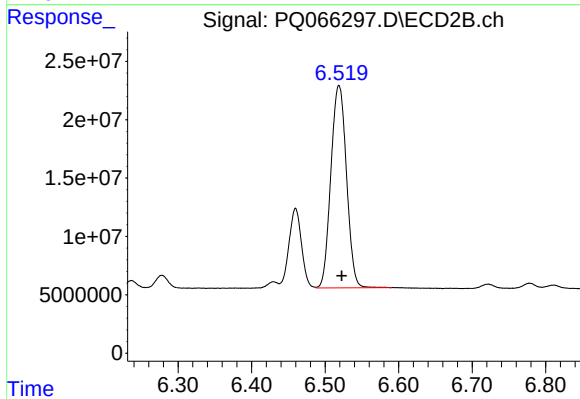
#41 AR-1268-1

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 81024374
Conc: 74.14 ng/ml



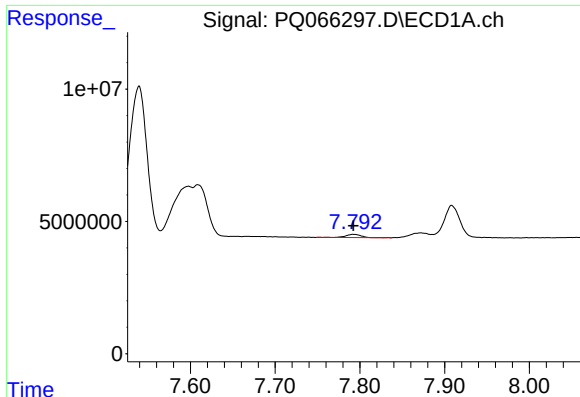
#42 AR-1268-2

R.T.: 7.609 min
Delta R.T.: -0.002 min
Response: 22242691
Conc: 57.08 ng/ml



#42 AR-1268-2

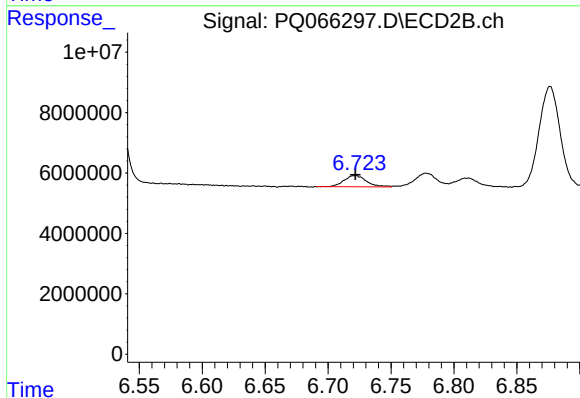
R.T.: 6.519 min
Delta R.T.: -0.004 min
Response: 255578580
Conc: 256.38 ng/ml



#43 AR-1268-3

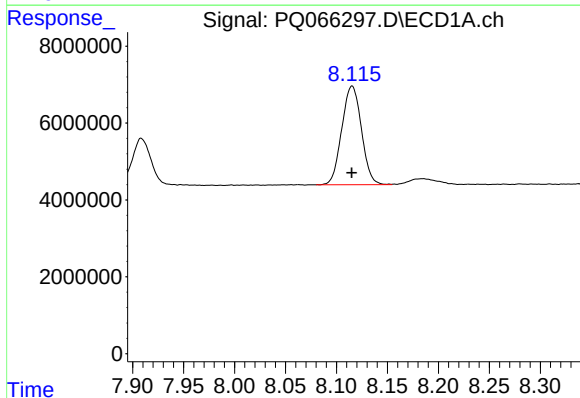
R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 1532845
Conc: 4.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



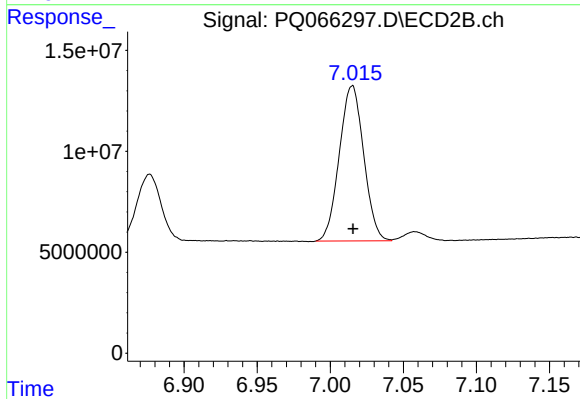
#43 AR-1268-3

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 4526246
Conc: 5.25 ng/ml



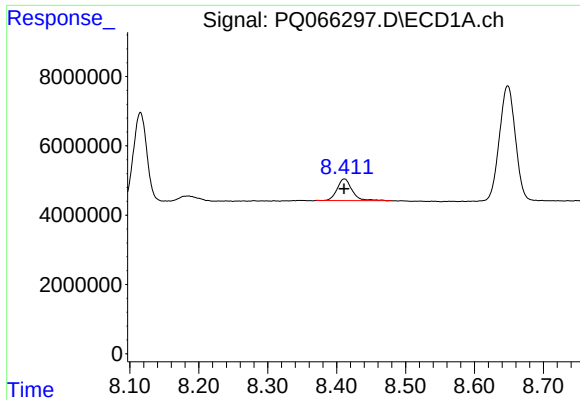
#44 AR-1268-4

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 34476831
Conc: 249.25 ng/ml



#44 AR-1268-4

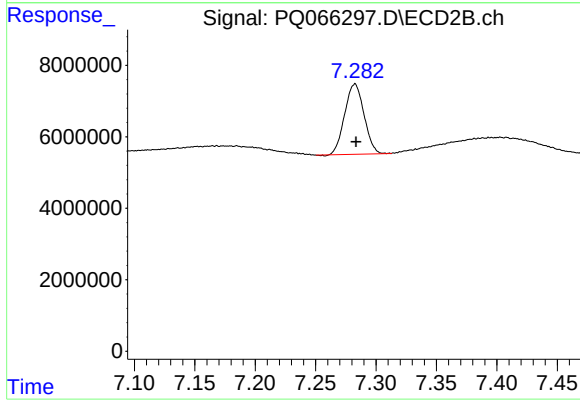
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 89372837
Conc: 246.88 ng/ml



#45 AR-1268-5

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 9379225
Conc: 10.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 21910040
Conc: 8.58 ng/ml