

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102021\
 Data File : PP040276.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Oct 2021 20:30
 Operator : AJ\MA
 Sample : M4285-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 02:12:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 13 08:03:59 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.892	3.979	632771	339837	20.837	20.102
2)	SA Decachlor...	10.909	9.305	430894	365748	17.433	17.234
Target Compounds							
3)	L1 AR-1016-1	6.215	5.243	539403	330169	546.280	505.928
4)	L1 AR-1016-2	6.239	5.263	826663	533665	578.493	583.729
5)	L1 AR-1016-3	6.305	5.456	507161	270017	581.961	533.715
6)	L1 AR-1016-4	6.412	5.508	430631	199180	605.209	486.455
7)	L1 AR-1016-5	6.728	5.738	234979	249729	367.386	498.796 #
8)	L2 AR-1221-1	5.140	4.238	61058	32441	175.326	158.523
9)	L2 AR-1221-2	5.241	4.339	65928	44092	295.915	262.130
10)	L2 AR-1221-3	5.329	4.428	313105	176956	388.379	326.764
11)	L3 AR-1232-1	5.329	4.428	313105	176956	503.184	435.681
12)	L3 AR-1232-2	5.919	5.263	453057	533665	1320.023	1365.098
13)	L3 AR-1232-3	6.239	5.456	826663	270017	1307.826	1303.574
14)	L3 AR-1232-4	6.412	5.552	430631	258415	1373.045	1365.755
15)	L3 AR-1232-5	6.510	5.738	328021	249729	1398.864	1209.567
16)	L4 AR-1242-1	6.215	5.243	539403	330169	686.978	663.549
17)	L4 AR-1242-2	6.239	5.263	826663	533665	728.791	781.356
18)	L4 AR-1242-3	6.305	5.456	507161	270017	729.718	715.667
19)	L4 AR-1242-4	6.412	5.552	430631	258415	747.374	697.615
20)	L4 AR-1242-5	0.000	6.122	0	449595	N.D.	942.618 #
21)	L5 AR-1248-1	6.215	5.243	539403	330169	874.378	846.854
22)	L5 AR-1248-2	6.510	5.508	328021	199180	409.762	370.569
23)	L5 AR-1248-3	6.728	5.552	234979	258415	262.063	457.138 #
24)	L5 AR-1248-4	7.159	5.738	435853	249729	473.630	390.773
25)	L5 AR-1248-5	0.000	6.164	0	58656	N.D.	94.024 #
26)	L6 AR-1254-1	7.134	6.122	519216	449595	559.623	469.292
27)	L6 AR-1254-2	7.360	6.278	478050	250557	345.319	283.886
28)	L6 AR-1254-3	7.741	6.720	228497	348699	160.387	255.763 #
29)	L6 AR-1254-4	8.033	6.945	161513	60667	152.632	70.730 #
30)	L6 AR-1254-5	8.464	7.372	840260	720690	718.884	558.324
31)	L7 AR-1260-1	7.906	6.839	583953	538674	534.565	537.793
32)	L7 AR-1260-2	8.172	7.036	813216	629047	594.992	531.242
33)	L7 AR-1260-3	8.538	7.192	453944	582820	498.156	493.286
34)	L7 AR-1260-4	8.770	7.678	562558	435845	532.974	495.888
35)	L7 AR-1260-5	9.093	7.925	1020237	978512	492.664	478.793
36)	L8 AR-1262-1	8.538	7.372	453944	720690	332.886	1025.933 #
37)	L8 AR-1262-2	9.093	7.925	1020237	978512	411.406	434.813
38)	L8 AR-1262-3	9.425f	8.212	698118	198752	607.008	204.081 #
39)	L8 AR-1262-4	9.477f	8.276	390045	732842	477.362	413.378
40)	L8 AR-1262-5	10.160	8.776	247360	235008	260.349	259.514
41)	L9 AR-1268-1	9.425f	8.212	698118	198752	236.405	73.658 #

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 ALS Vial : 22 Sample Multiplier: 1

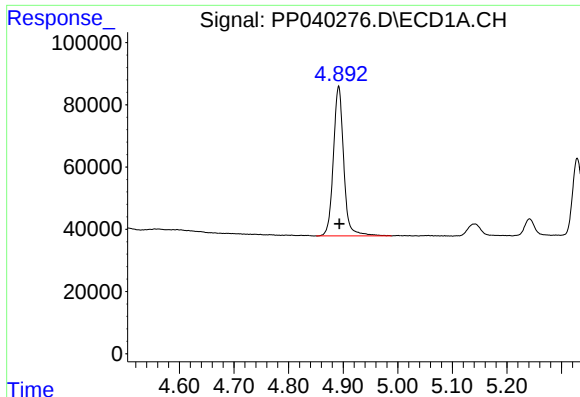
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	9.477f	8.276	390045	732842	138.150	292.701 #
43) L9	AR-1268-3	0.000	8.486	0	16332	N.D.	7.459 #
44) L9	AR-1268-4	10.160	8.776	247360	235008	240.011	236.991
45) L9	AR-1268-5	10.573	9.058	104874	79813	12.193	11.195

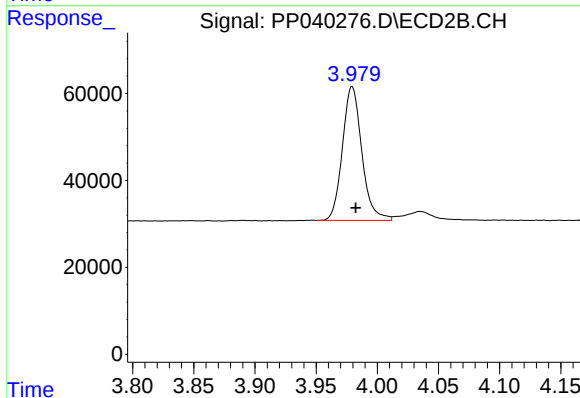
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

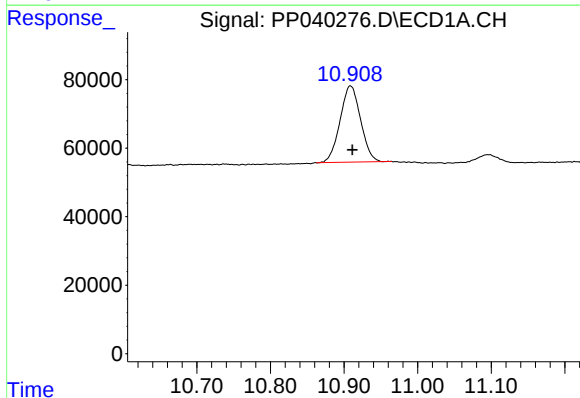
R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 632771
Conc: 20.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



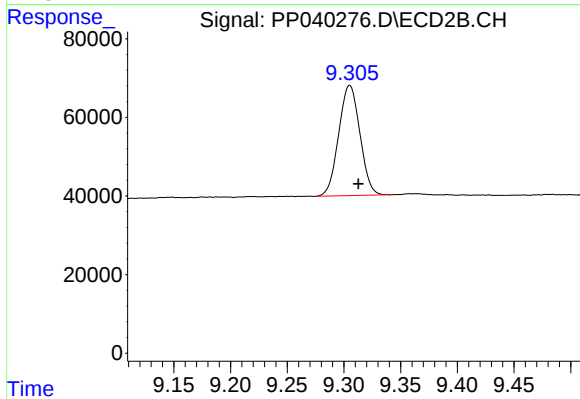
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.003 min
Response: 339837
Conc: 20.10 ng/ml



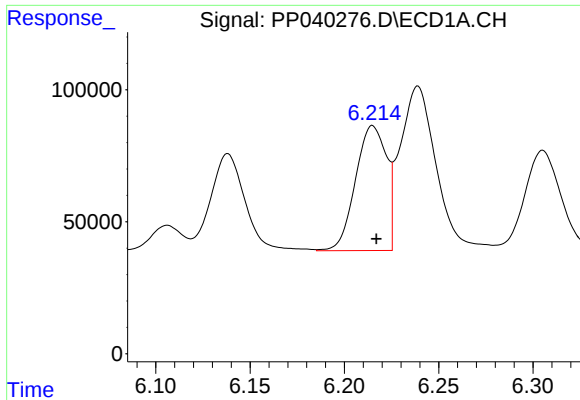
#2 Decachlorobiphenyl

R.T.: 10.909 min
Delta R.T.: -0.002 min
Response: 430894
Conc: 17.43 ng/ml



#2 Decachlorobiphenyl

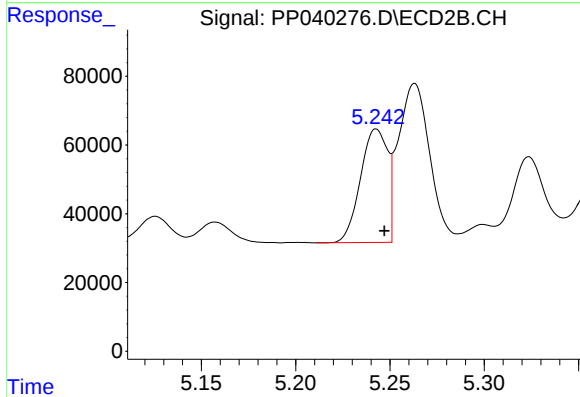
R.T.: 9.305 min
Delta R.T.: -0.008 min
Response: 365748
Conc: 17.23 ng/ml



#3 AR-1016-1

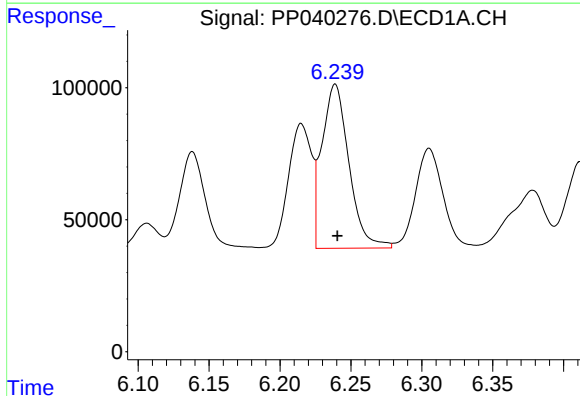
R.T.: 6.215 min
Delta R.T.: -0.002 min
Response: 539403
Conc: 546.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



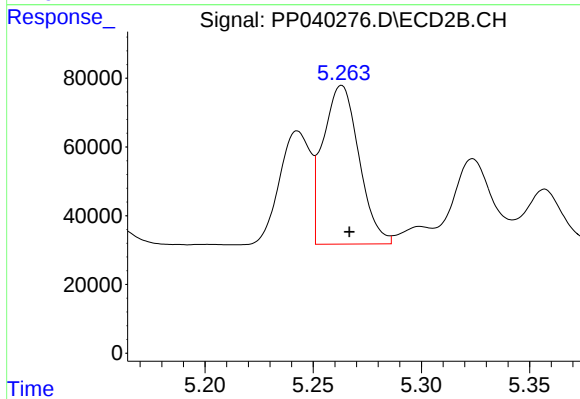
#3 AR-1016-1

R.T.: 5.243 min
Delta R.T.: -0.004 min
Response: 330169
Conc: 505.93 ng/ml



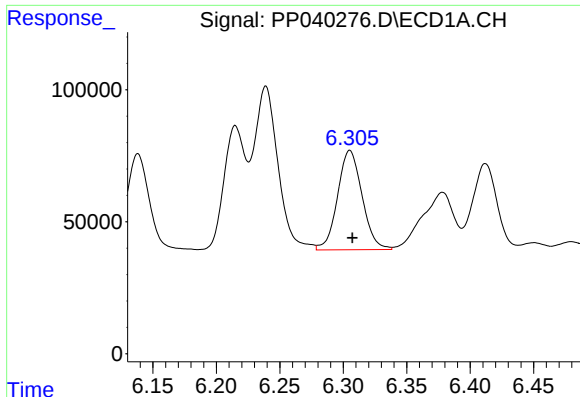
#4 AR-1016-2

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 826663
Conc: 578.49 ng/ml



#4 AR-1016-2

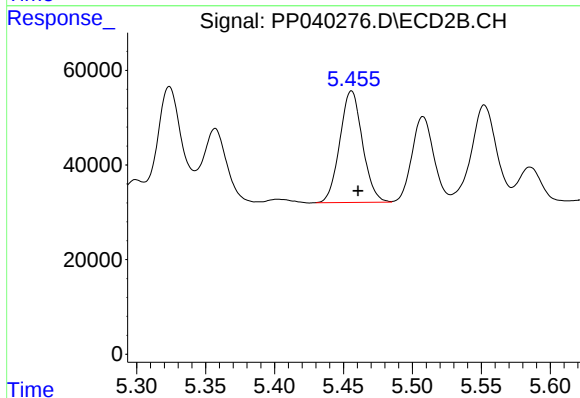
R.T.: 5.263 min
Delta R.T.: -0.004 min
Response: 533665
Conc: 583.73 ng/ml



#5 AR-1016-3

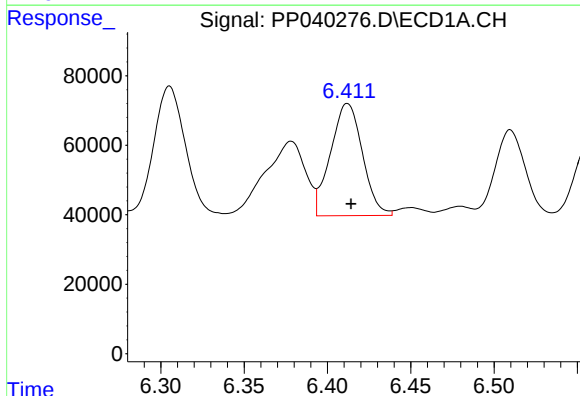
R.T.: 6.305 min
Delta R.T.: -0.002 min
Response: 507161
Conc: 581.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



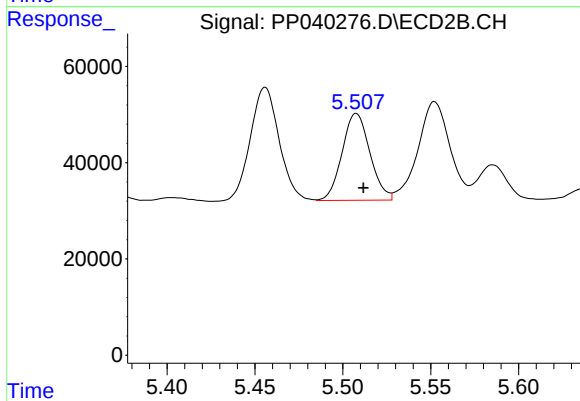
#5 AR-1016-3

R.T.: 5.456 min
Delta R.T.: -0.005 min
Response: 270017
Conc: 533.72 ng/ml



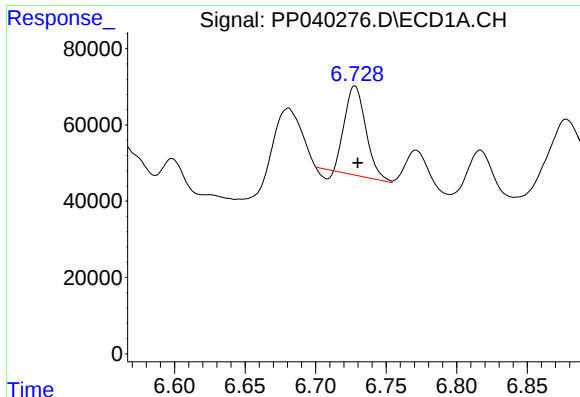
#6 AR-1016-4

R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 430631
Conc: 605.21 ng/ml



#6 AR-1016-4

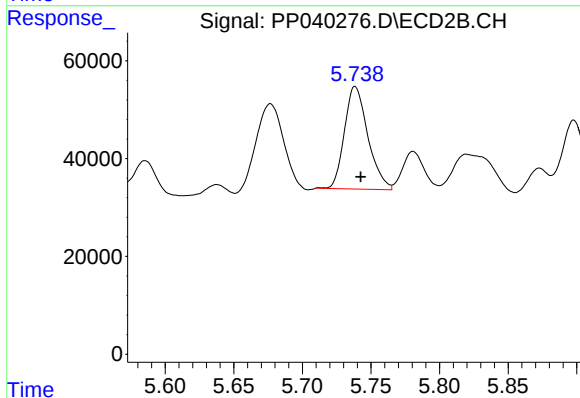
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 199180
Conc: 486.45 ng/ml



#7 AR-1016-5

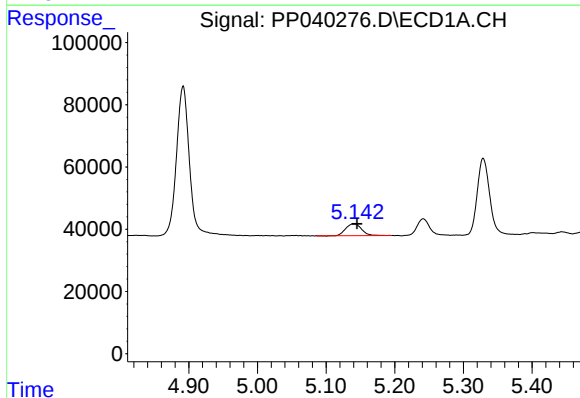
R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 234979
Conc: 367.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



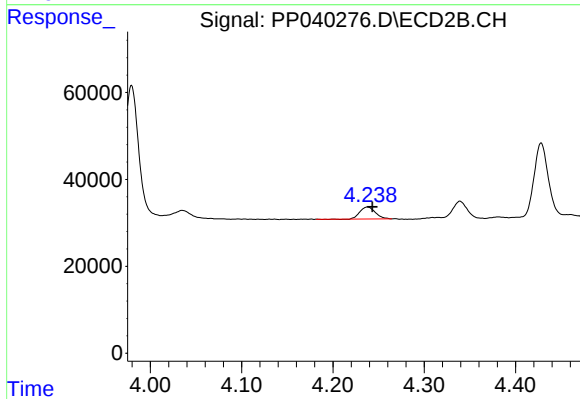
#7 AR-1016-5

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 249729
Conc: 498.80 ng/ml



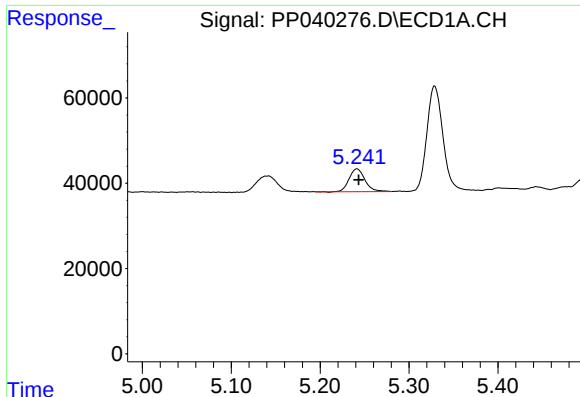
#8 AR-1221-1

R.T.: 5.140 min
Delta R.T.: -0.005 min
Response: 61058
Conc: 175.33 ng/ml



#8 AR-1221-1

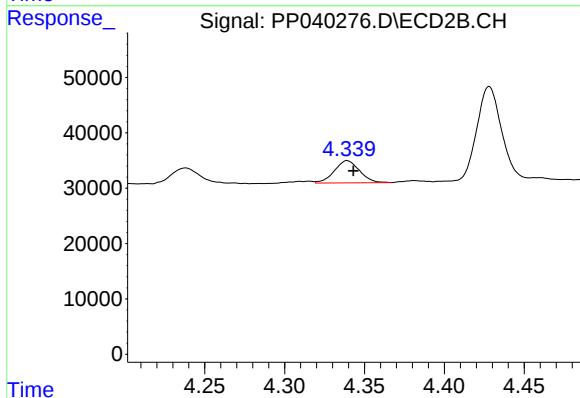
R.T.: 4.238 min
Delta R.T.: -0.005 min
Response: 32441
Conc: 158.52 ng/ml



#9 AR-1221-2

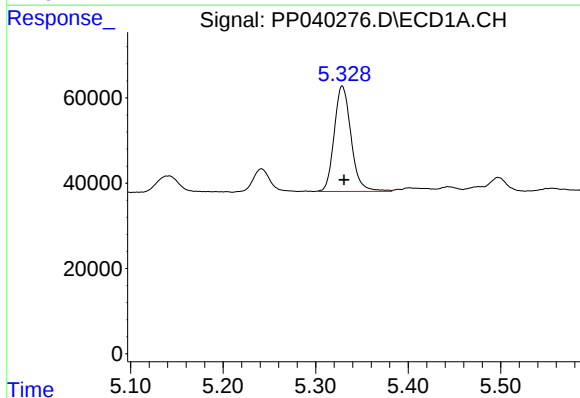
R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 65928
Conc: 295.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



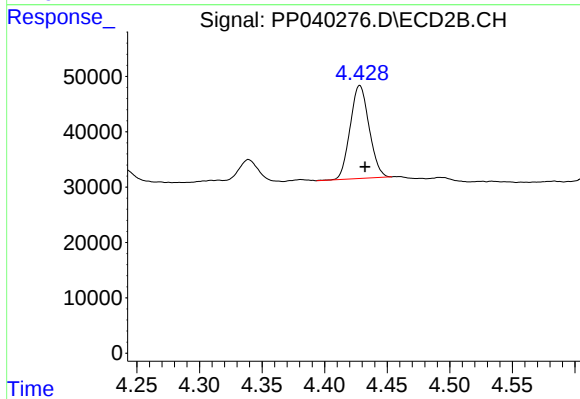
#9 AR-1221-2

R.T.: 4.339 min
Delta R.T.: -0.004 min
Response: 44092
Conc: 262.13 ng/ml



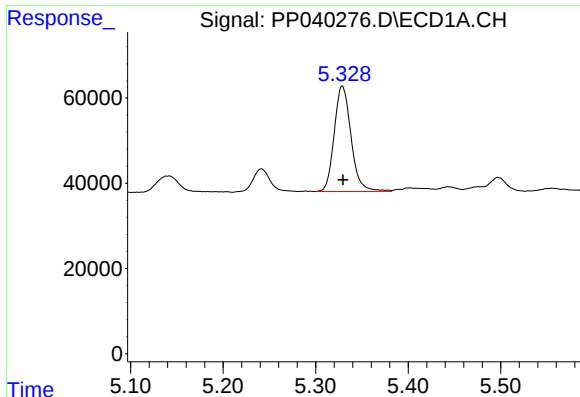
#10 AR-1221-3

R.T.: 5.329 min
Delta R.T.: -0.002 min
Response: 313105
Conc: 388.38 ng/ml



#10 AR-1221-3

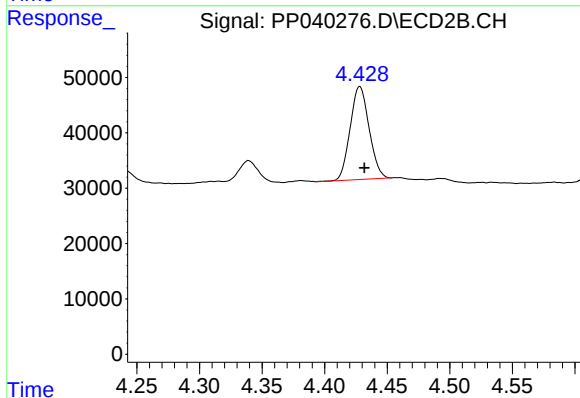
R.T.: 4.428 min
Delta R.T.: -0.004 min
Response: 176956
Conc: 326.76 ng/ml



#11 AR-1232-1

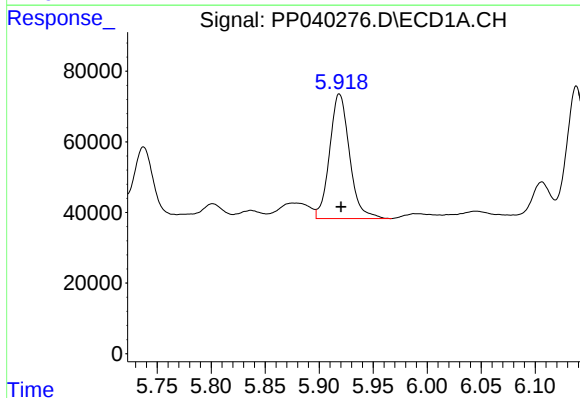
R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 313105
Conc: 503.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



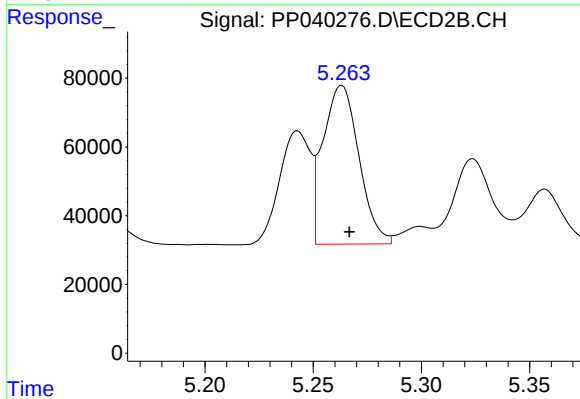
#11 AR-1232-1

R.T.: 4.428 min
Delta R.T.: -0.004 min
Response: 176956
Conc: 435.68 ng/ml



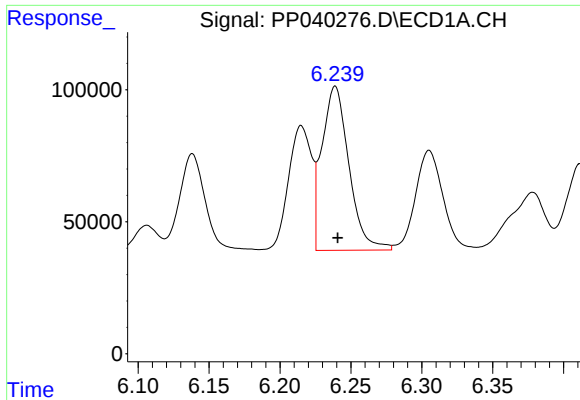
#12 AR-1232-2

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 453057
Conc: 1320.02 ng/ml



#12 AR-1232-2

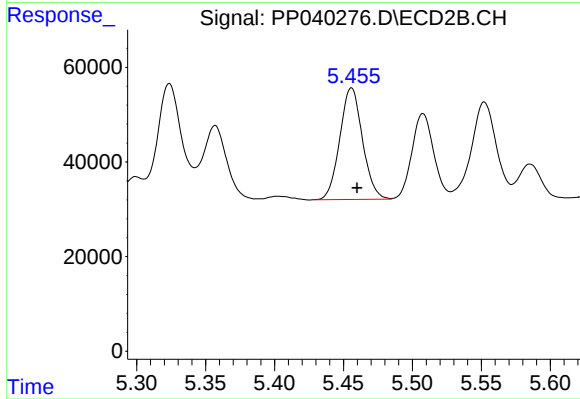
R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 533665
Conc: 1365.10 ng/ml



#13 AR-1232-3

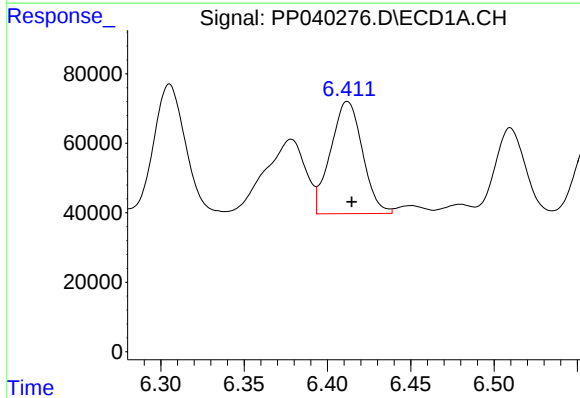
R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 826663
Conc: 1307.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



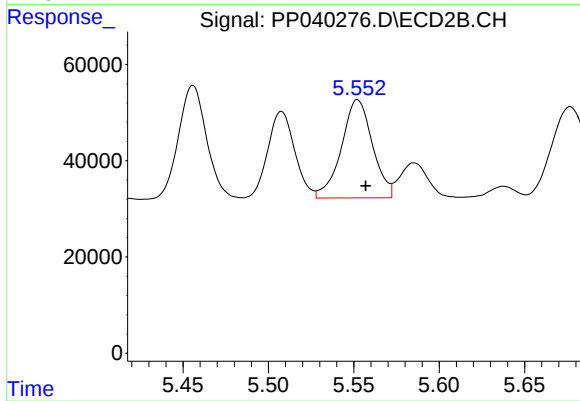
#13 AR-1232-3

R.T.: 5.456 min
Delta R.T.: -0.004 min
Response: 270017
Conc: 1303.57 ng/ml



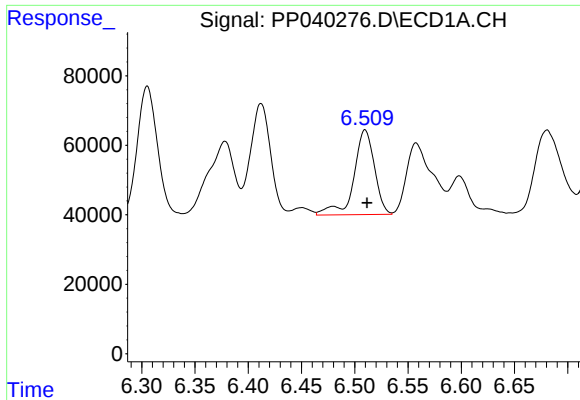
#14 AR-1232-4

R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 430631
Conc: 1373.04 ng/ml



#14 AR-1232-4

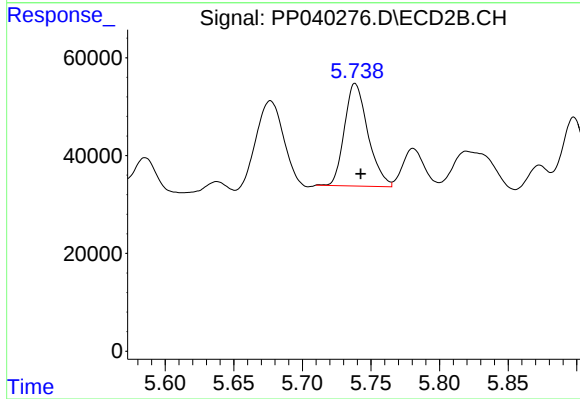
R.T.: 5.552 min
Delta R.T.: -0.005 min
Response: 258415
Conc: 1365.75 ng/ml



#15 AR-1232-5

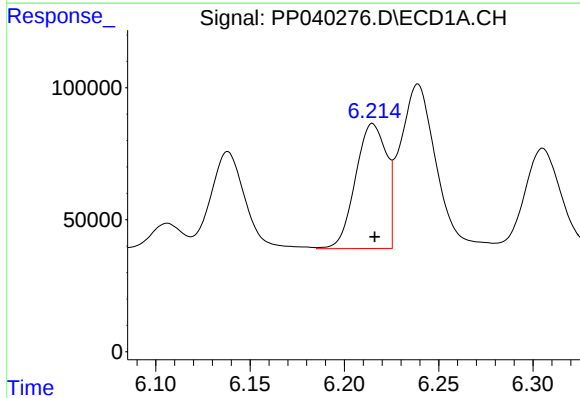
R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 328021
Conc: 1398.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



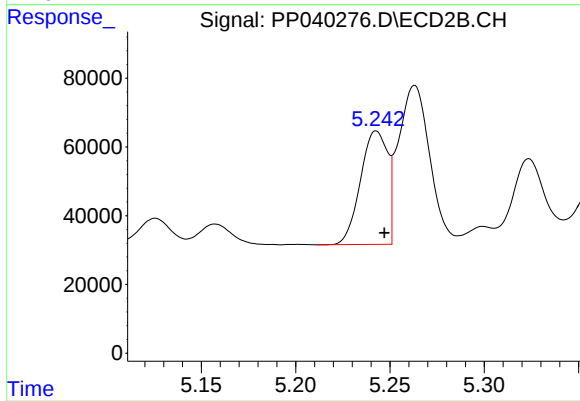
#15 AR-1232-5

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 249729
Conc: 1209.57 ng/ml



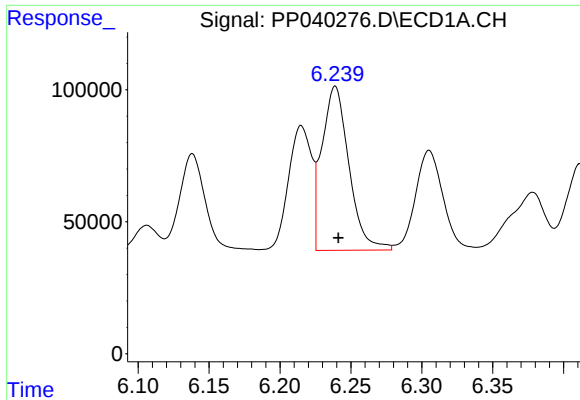
#16 AR-1242-1

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 539403
Conc: 686.98 ng/ml



#16 AR-1242-1

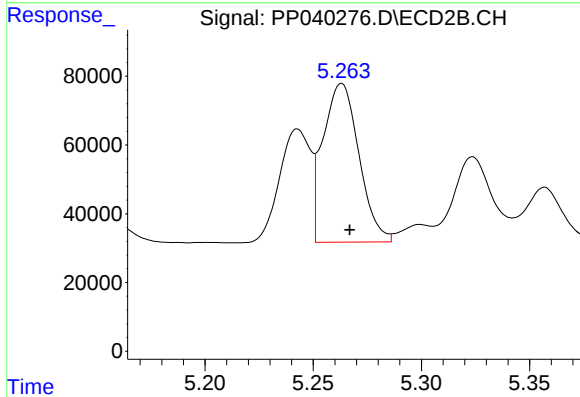
R.T.: 5.243 min
Delta R.T.: -0.004 min
Response: 330169
Conc: 663.55 ng/ml



#17 AR-1242-2

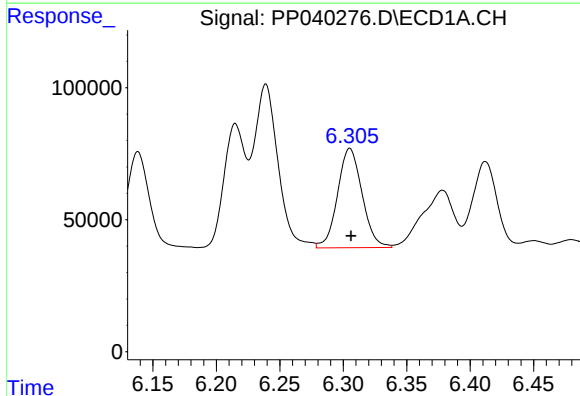
R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 826663
Conc: 728.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



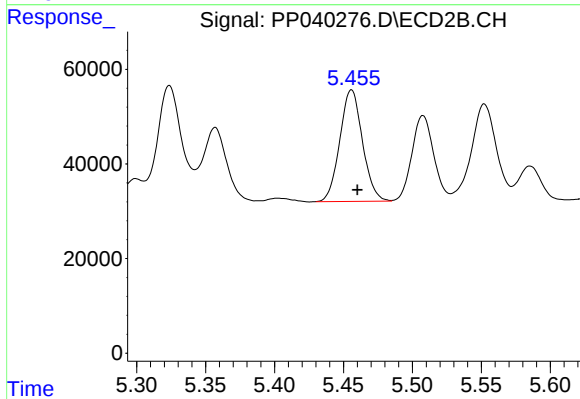
#17 AR-1242-2

R.T.: 5.263 min
Delta R.T.: -0.004 min
Response: 533665
Conc: 781.36 ng/ml



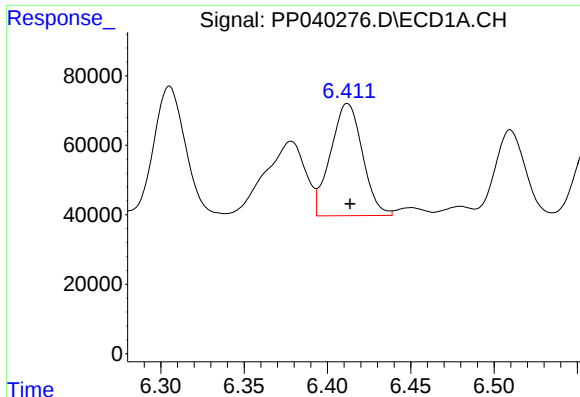
#18 AR-1242-3

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 507161
Conc: 729.72 ng/ml



#18 AR-1242-3

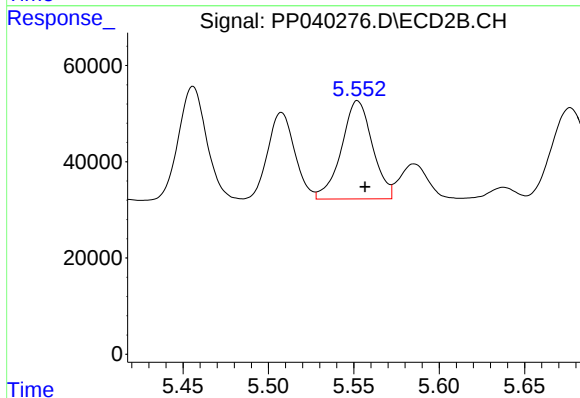
R.T.: 5.456 min
Delta R.T.: -0.004 min
Response: 270017
Conc: 715.67 ng/ml



#19 AR-1242-4

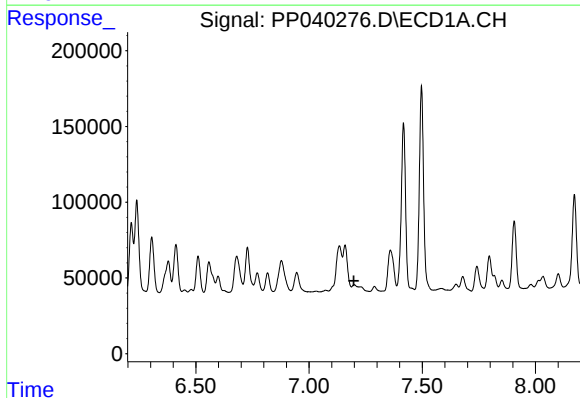
R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 430631
Conc: 747.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



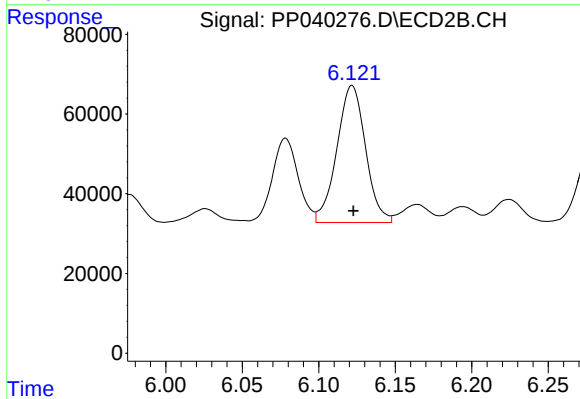
#19 AR-1242-4

R.T.: 5.552 min
Delta R.T.: -0.004 min
Response: 258415
Conc: 697.62 ng/ml



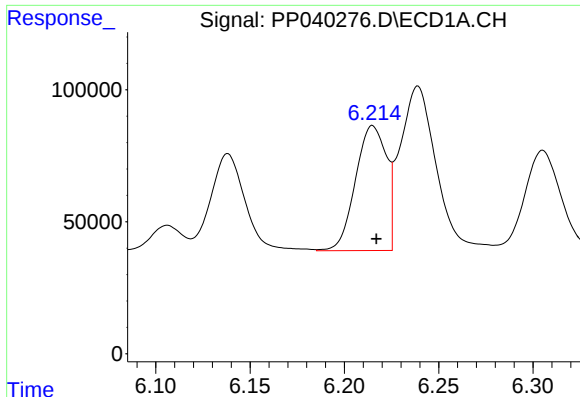
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.198 min
Response: 0
Conc: N.D.



#20 AR-1242-5

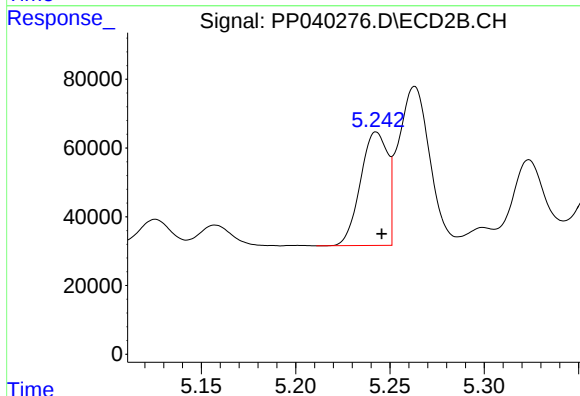
R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 449595
Conc: 942.62 ng/ml



#21 AR-1248-1

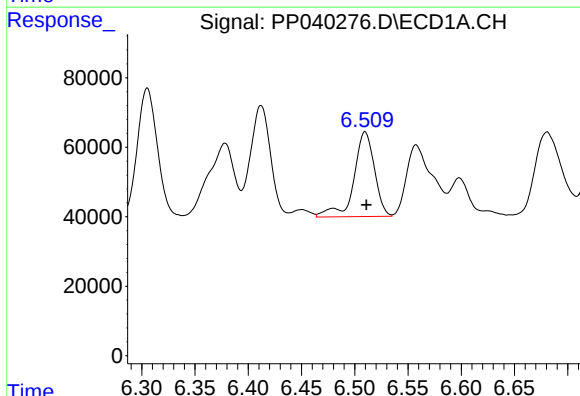
R.T.: 6.215 min
Delta R.T.: -0.002 min
Response: 539403
Conc: 874.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



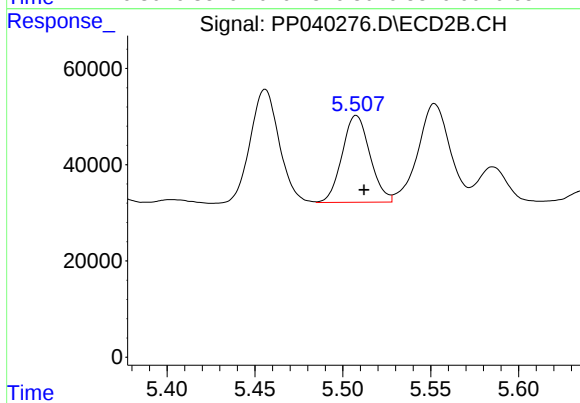
#21 AR-1248-1

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 330169
Conc: 846.85 ng/ml



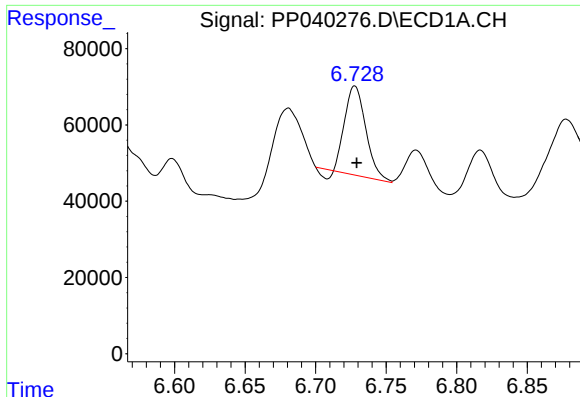
#22 AR-1248-2

R.T.: 6.510 min
Delta R.T.: -0.001 min
Response: 328021
Conc: 409.76 ng/ml



#22 AR-1248-2

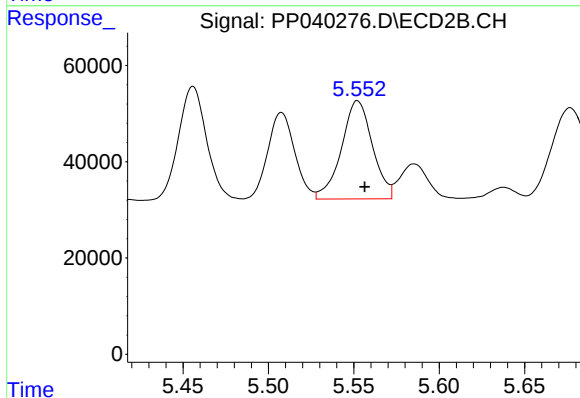
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 199180
Conc: 370.57 ng/ml



#23 AR-1248-3

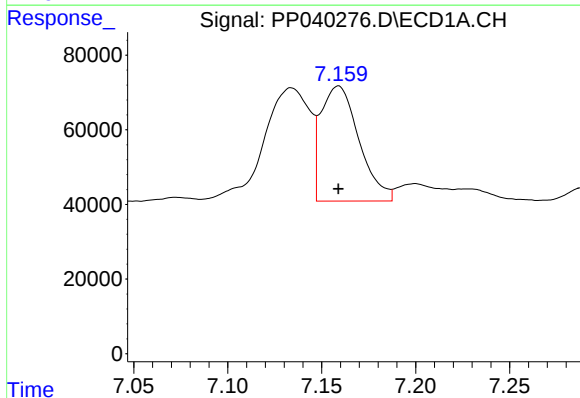
R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 234979
Conc: 262.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



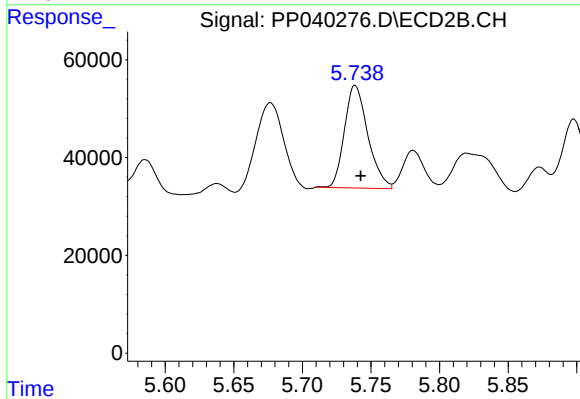
#23 AR-1248-3

R.T.: 5.552 min
Delta R.T.: -0.004 min
Response: 258415
Conc: 457.14 ng/ml



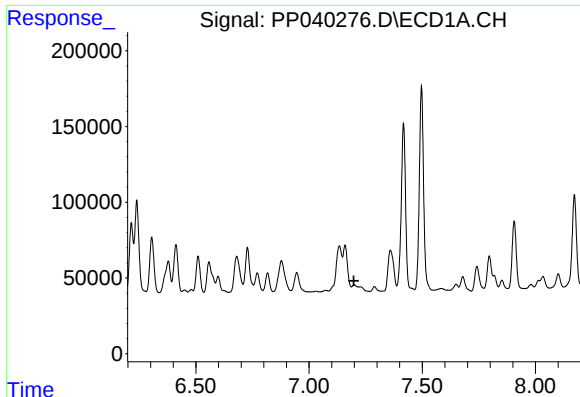
#24 AR-1248-4

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 435853
Conc: 473.63 ng/ml



#24 AR-1248-4

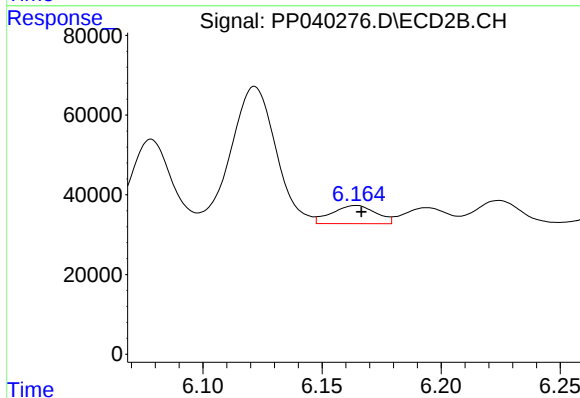
R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 249729
Conc: 390.77 ng/ml



#25 AR-1248-5

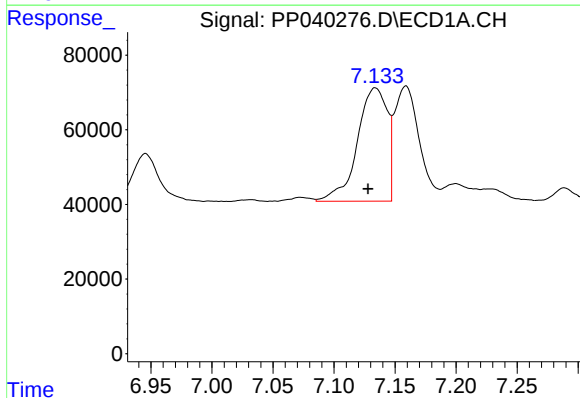
R.T.: 0.000 min
Exp R.T.: 7.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



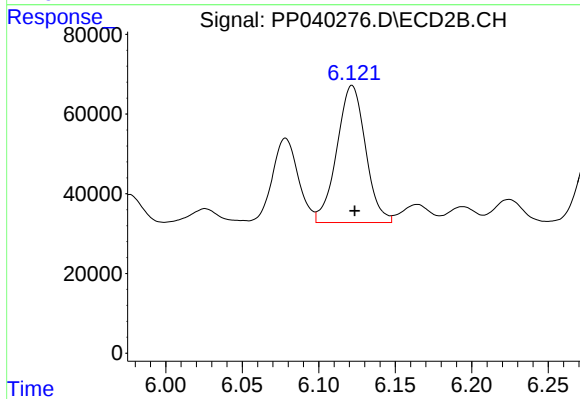
#25 AR-1248-5

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 58656
Conc: 94.02 ng/ml



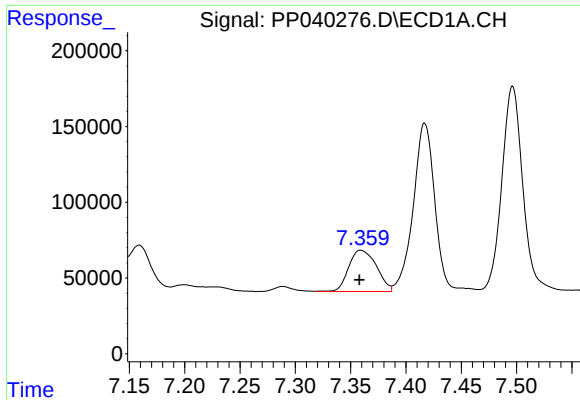
#26 AR-1254-1

R.T.: 7.134 min
Delta R.T.: 0.006 min
Response: 519216
Conc: 559.62 ng/ml



#26 AR-1254-1

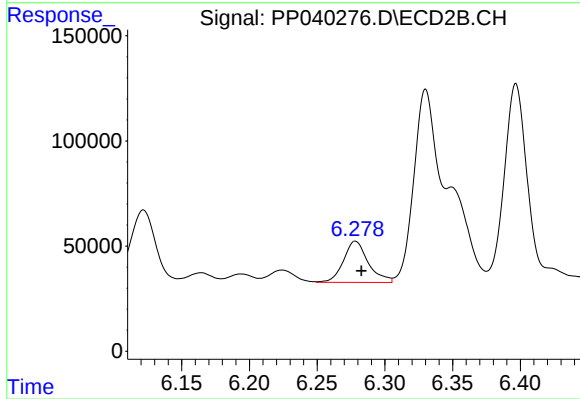
R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 449595
Conc: 469.29 ng/ml



#27 AR-1254-2

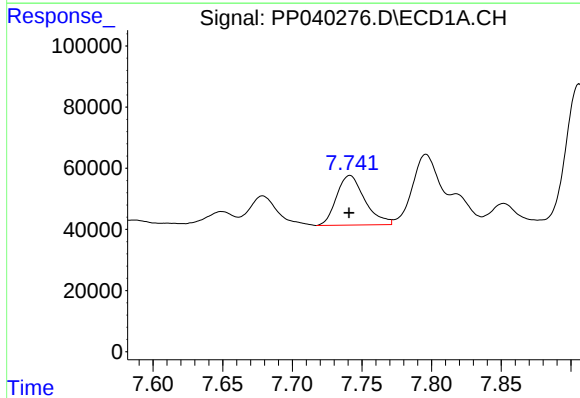
R.T.: 7.360 min
Delta R.T.: 0.002 min
Response: 478050
Conc: 345.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



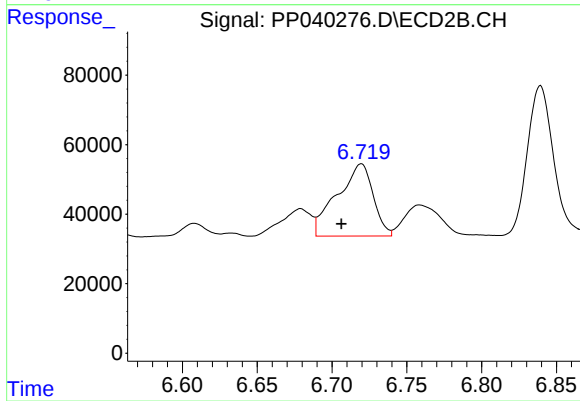
#27 AR-1254-2

R.T.: 6.278 min
Delta R.T.: -0.005 min
Response: 250557
Conc: 283.89 ng/ml



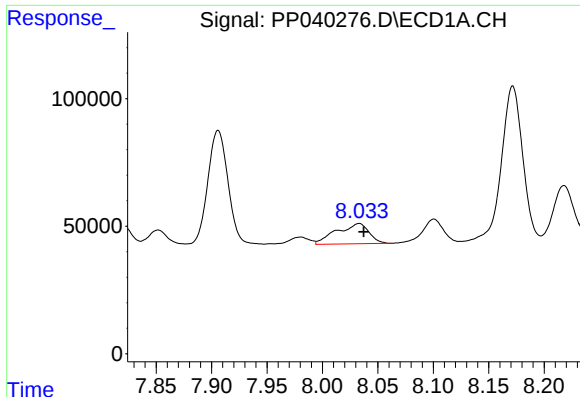
#28 AR-1254-3

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 228497
Conc: 160.39 ng/ml



#28 AR-1254-3

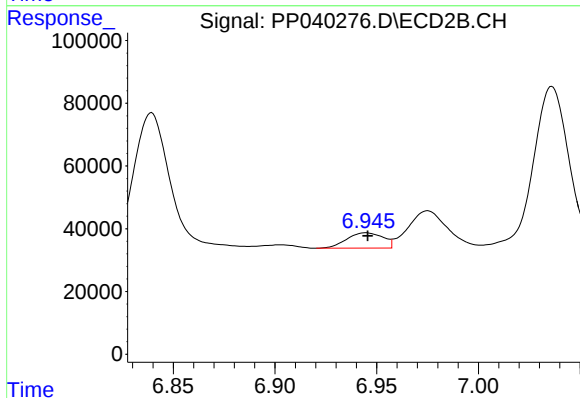
R.T.: 6.720 min
Delta R.T.: 0.013 min
Response: 348699
Conc: 255.76 ng/ml



#29 AR-1254-4

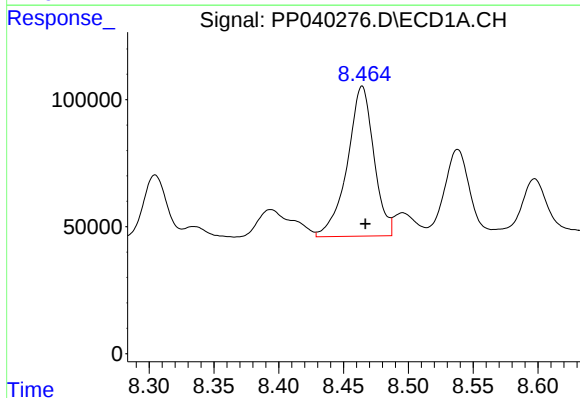
R.T.: 8.033 min
Delta R.T.: -0.004 min
Response: 161513
Conc: 152.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



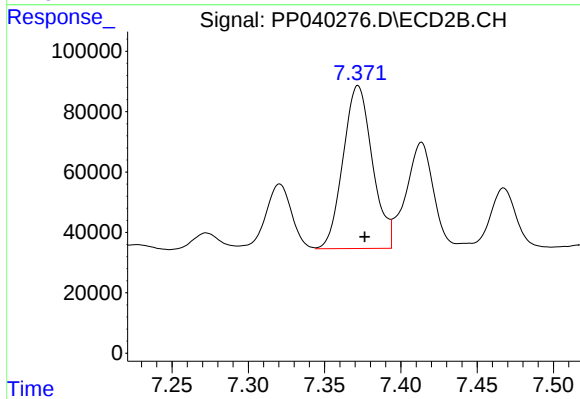
#29 AR-1254-4

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 60667
Conc: 70.73 ng/ml



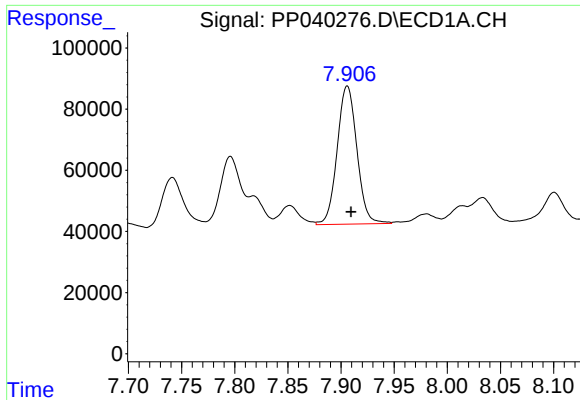
#30 AR-1254-5

R.T.: 8.464 min
Delta R.T.: -0.003 min
Response: 840260
Conc: 718.88 ng/ml



#30 AR-1254-5

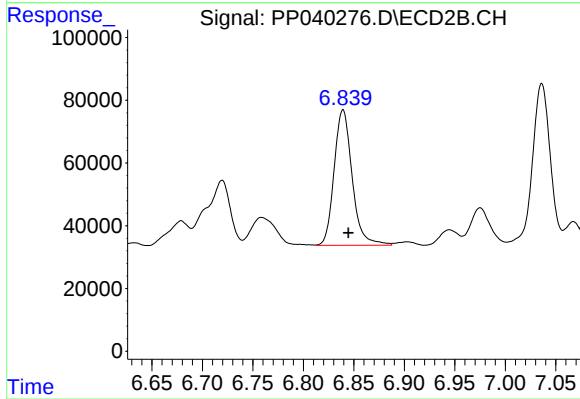
R.T.: 7.372 min
Delta R.T.: -0.004 min
Response: 720690
Conc: 558.32 ng/ml



#31 AR-1260-1

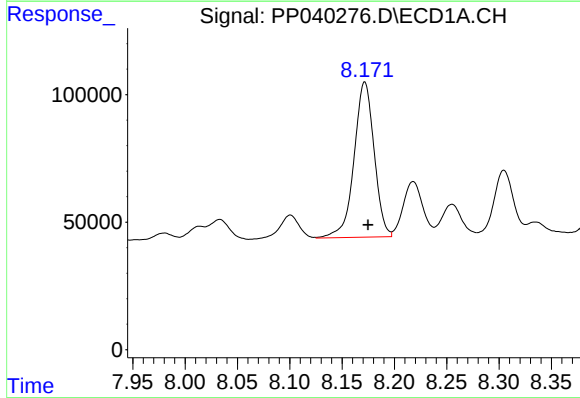
R.T.: 7.906 min
Delta R.T.: -0.003 min
Response: 583953
Conc: 534.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



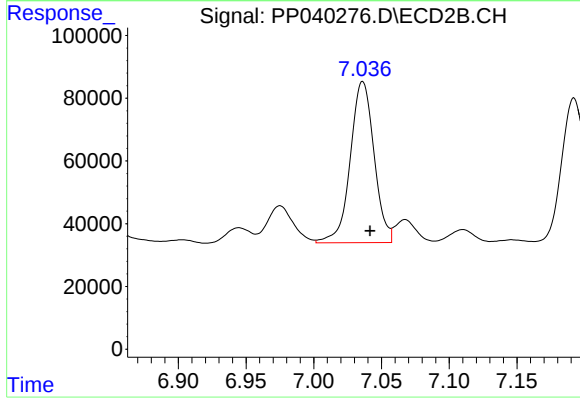
#31 AR-1260-1

R.T.: 6.839 min
Delta R.T.: -0.005 min
Response: 538674
Conc: 537.79 ng/ml



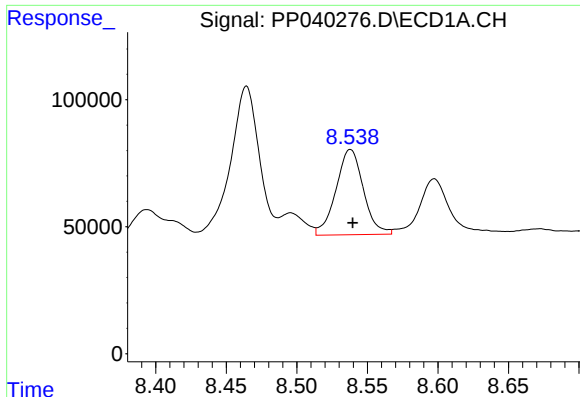
#32 AR-1260-2

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 813216
Conc: 594.99 ng/ml



#32 AR-1260-2

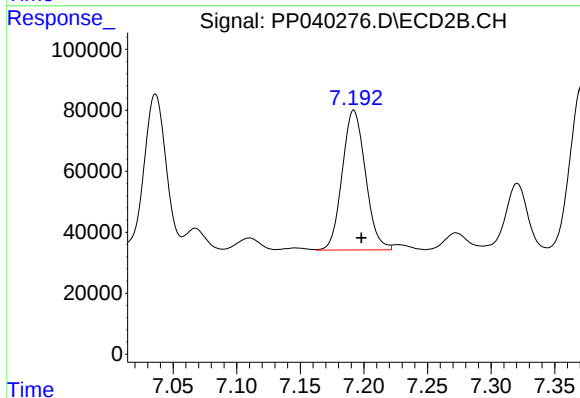
R.T.: 7.036 min
Delta R.T.: -0.005 min
Response: 629047
Conc: 531.24 ng/ml



#33 AR-1260-3

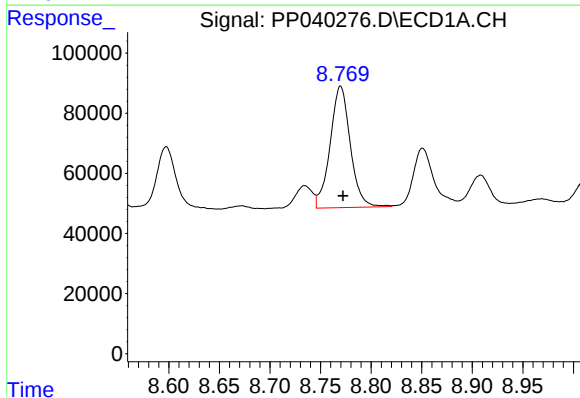
R.T.: 8.538 min
Delta R.T.: -0.002 min
Response: 453944
Conc: 498.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



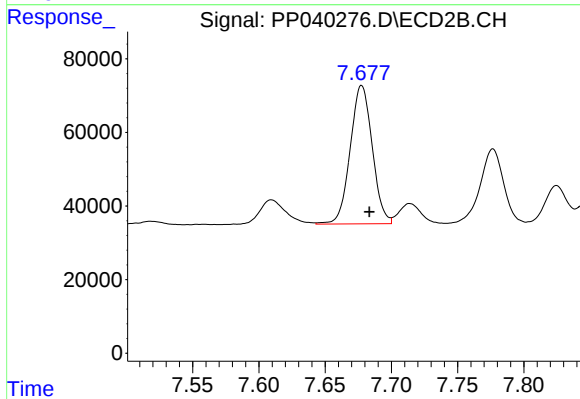
#33 AR-1260-3

R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 582820
Conc: 493.29 ng/ml



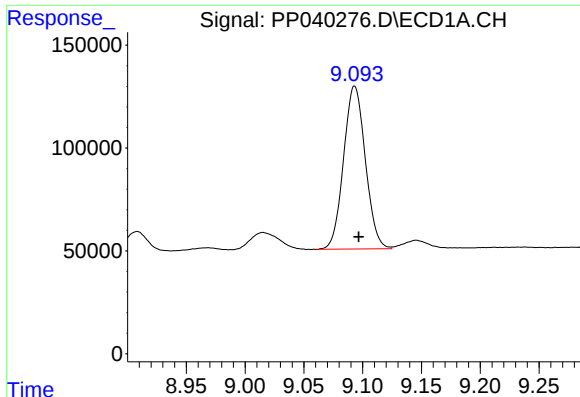
#34 AR-1260-4

R.T.: 8.770 min
Delta R.T.: -0.002 min
Response: 562558
Conc: 532.97 ng/ml



#34 AR-1260-4

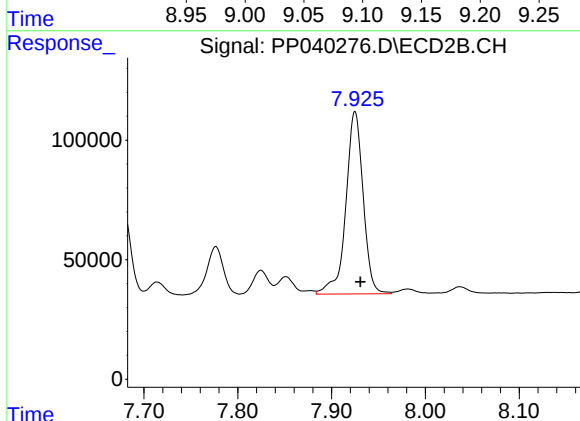
R.T.: 7.678 min
Delta R.T.: -0.006 min
Response: 435845
Conc: 495.89 ng/ml



#35 AR-1260-5

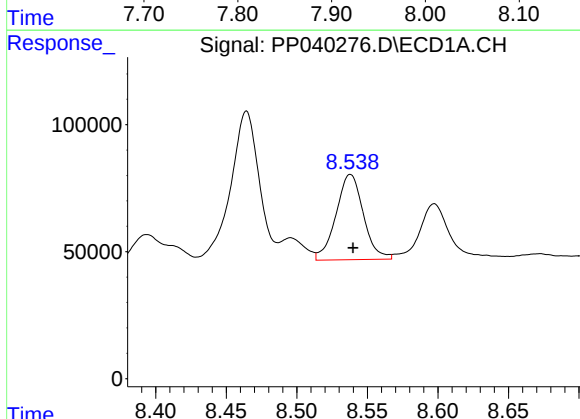
R.T.: 9.093 min
Delta R.T.: -0.003 min
Response: 1020237
Conc: 492.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



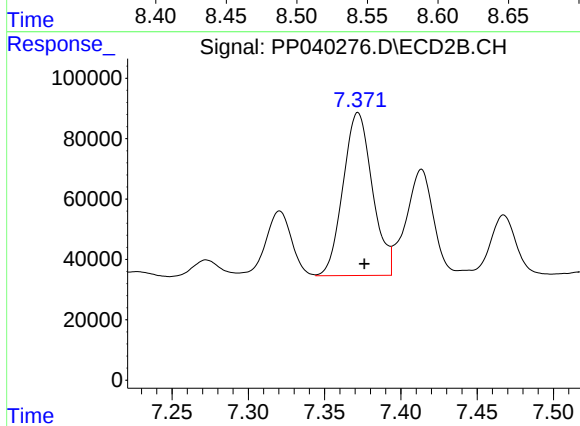
#35 AR-1260-5

R.T.: 7.925 min
Delta R.T.: -0.006 min
Response: 978512
Conc: 478.79 ng/ml



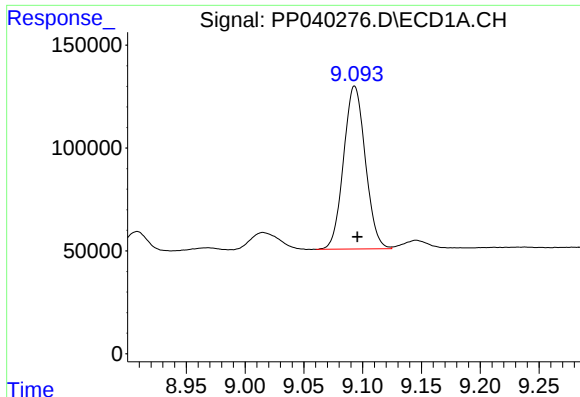
#36 AR-1262-1

R.T.: 8.538 min
Delta R.T.: -0.002 min
Response: 453944
Conc: 332.89 ng/ml



#36 AR-1262-1

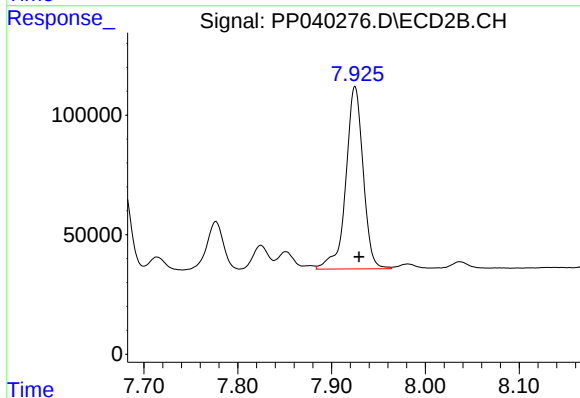
R.T.: 7.372 min
Delta R.T.: -0.004 min
Response: 720690
Conc: 1025.93 ng/ml



#37 AR-1262-2

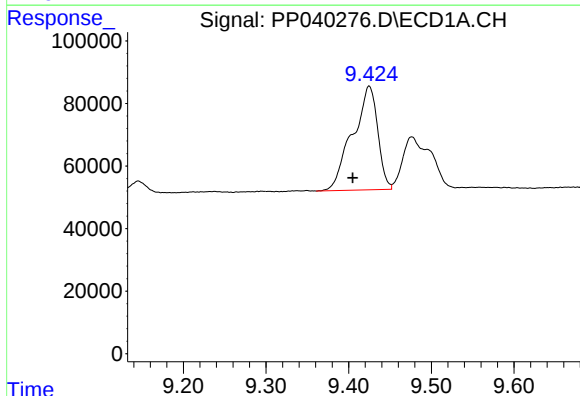
R.T.: 9.093 min
Delta R.T.: -0.002 min
Response: 1020237
Conc: 411.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



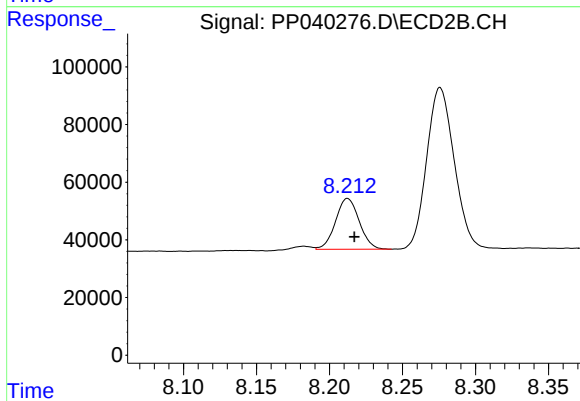
#37 AR-1262-2

R.T.: 7.925 min
Delta R.T.: -0.004 min
Response: 978512
Conc: 434.81 ng/ml



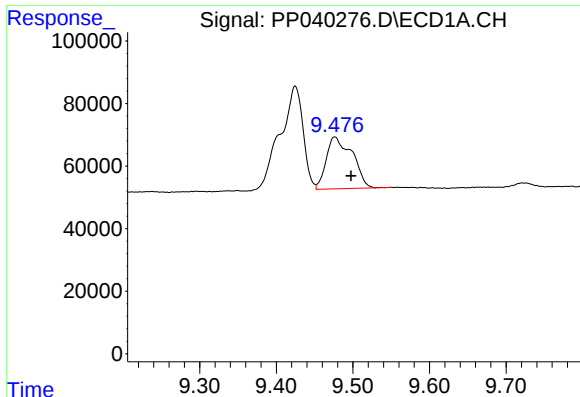
#38 AR-1262-3

R.T.: 9.425 min
Delta R.T.: 0.020 min
Response: 698118
Conc: 607.01 ng/ml



#38 AR-1262-3

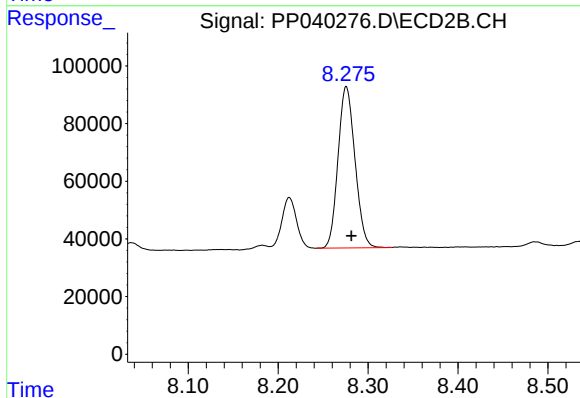
R.T.: 8.212 min
Delta R.T.: -0.005 min
Response: 198752
Conc: 204.08 ng/ml



#39 AR-1262-4

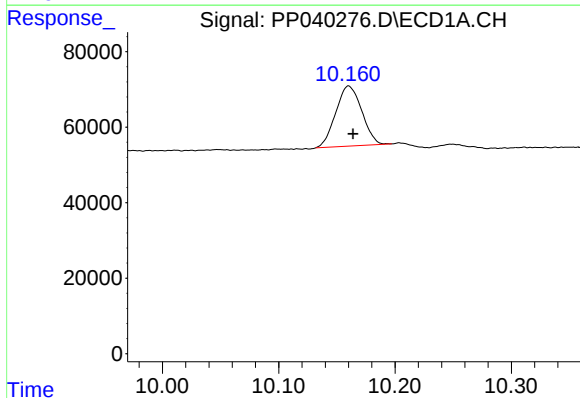
R.T.: 9.477 min
Delta R.T.: -0.021 min
Response: 390045
Conc: 477.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



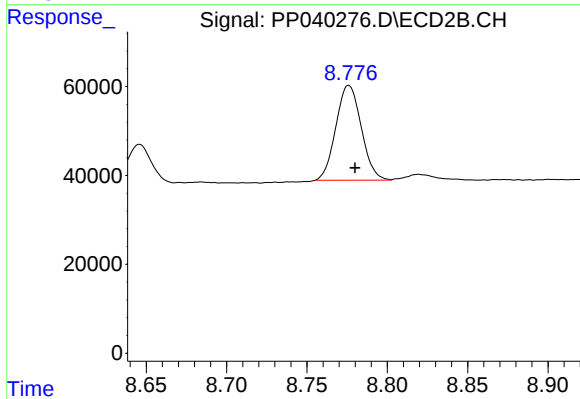
#39 AR-1262-4

R.T.: 8.276 min
Delta R.T.: -0.006 min
Response: 732842
Conc: 413.38 ng/ml



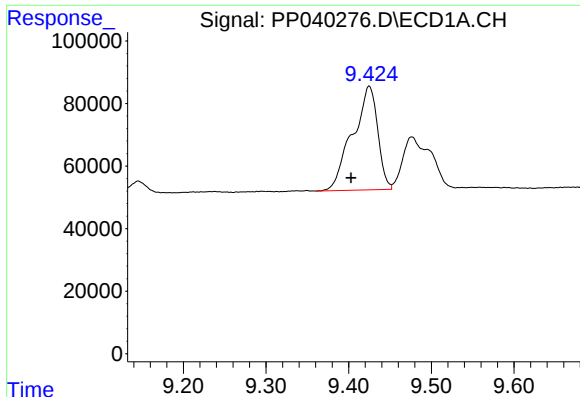
#40 AR-1262-5

R.T.: 10.160 min
Delta R.T.: -0.003 min
Response: 247360
Conc: 260.35 ng/ml



#40 AR-1262-5

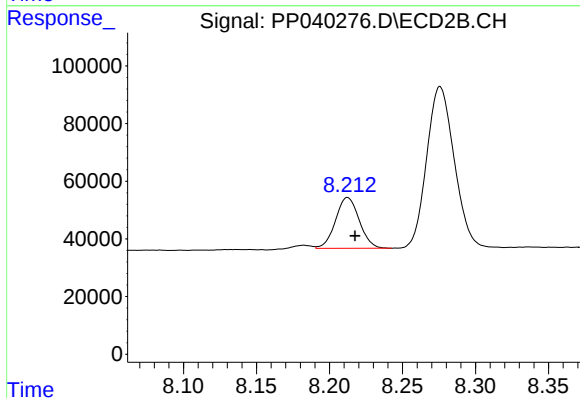
R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 235008
Conc: 259.51 ng/ml



#41 AR-1268-1

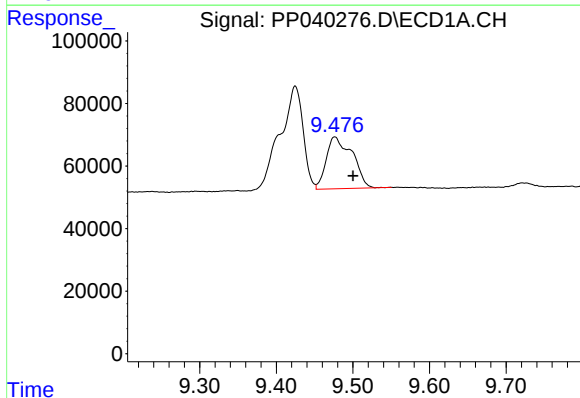
R.T.: 9.425 min
Delta R.T.: 0.022 min
Response: 698118
Conc: 236.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



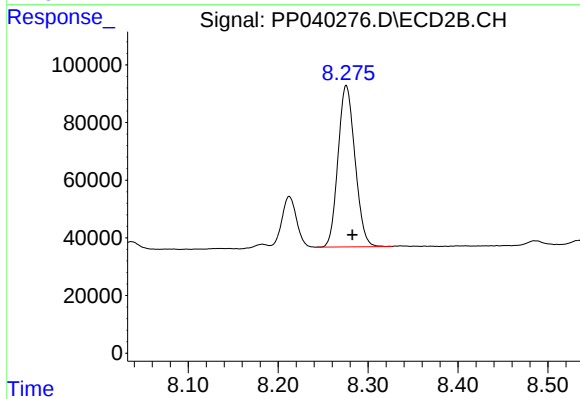
#41 AR-1268-1

R.T.: 8.212 min
Delta R.T.: -0.005 min
Response: 198752
Conc: 73.66 ng/ml



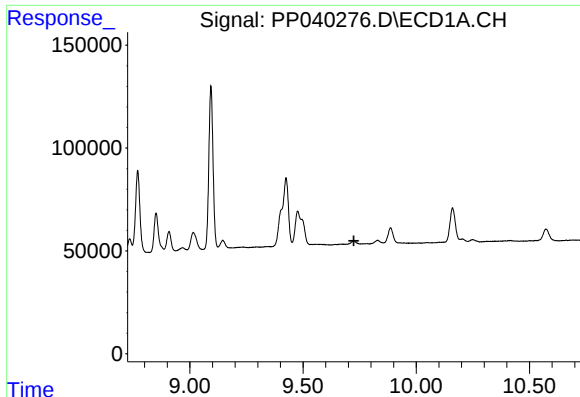
#42 AR-1268-2

R.T.: 9.477 min
Delta R.T.: -0.024 min
Response: 390045
Conc: 138.15 ng/ml



#42 AR-1268-2

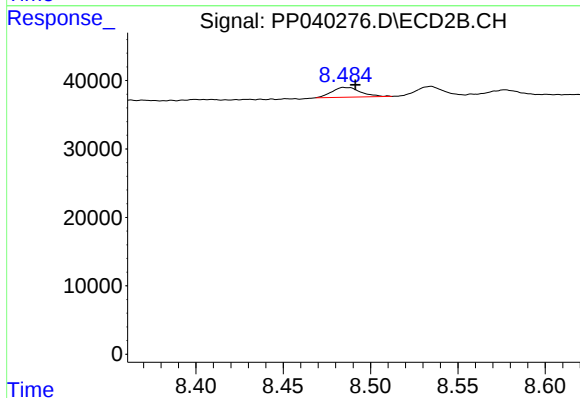
R.T.: 8.276 min
Delta R.T.: -0.007 min
Response: 732842
Conc: 292.70 ng/ml



#43 AR-1268-3

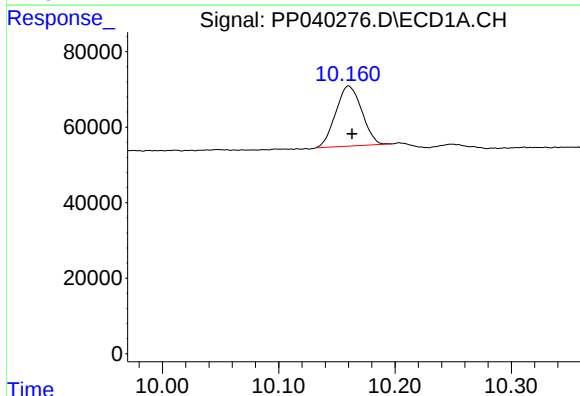
R.T.: 0.000 min
Exp R.T.: 9.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



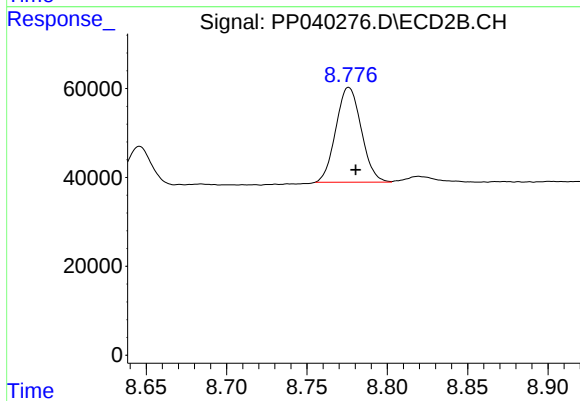
#43 AR-1268-3

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 16332
Conc: 7.46 ng/ml



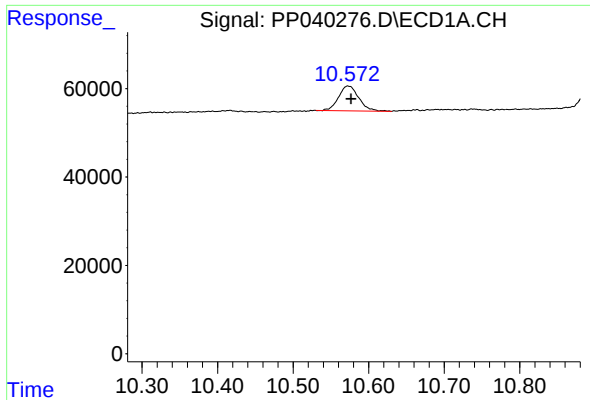
#44 AR-1268-4

R.T.: 10.160 min
Delta R.T.: -0.003 min
Response: 247360
Conc: 240.01 ng/ml



#44 AR-1268-4

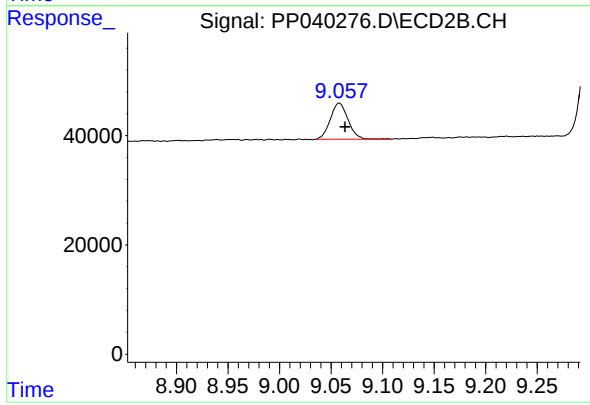
R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 235008
Conc: 236.99 ng/ml



#45 AR-1268-5

R.T.: 10.573 min
Delta R.T.: -0.004 min
Response: 104874
Conc: 12.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.058 min
Delta R.T.: -0.006 min
Response: 79813
Conc: 11.20 ng/ml