

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD072018AR\
 Data File : FD025151.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jul 2018 23:33
 Operator : AJ\SJ
 Sample : 5 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 00:36:21 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:36:31 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.450	370678	4.802 ug/ml
Spiked Amount 50.000		Recovery =	9.60%
6) S 2-Fluorobiphenyl (SURR)	8.303	253719	4.719 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.44%
11) S ortho-Terphenyl (SURR)	11.348	413816	4.876 ug/ml
Spiked Amount 50.000		Recovery =	9.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.249	378735	4.849 ug/ml
2) T Naphthalene (C11.7)	5.785	412715	4.791 ug/ml
3) T 2-Methylnaphthalene (...)	6.836	409415	4.762 ug/ml
5) T Acenaphthylene (C15.06)	8.107	398467	4.694 ug/ml
7) T Acenaphthene (C15.5)	8.402	427582	4.802 ug/ml
8) T Fluorene (C16.55)	9.181	426819	4.792 ug/ml
9) T Phenanthrene (C19.36)	10.572	430717	4.809 ug/ml
10) T Anthracene (C19.43)	10.645	423221	4.806 ug/ml
12) T Fluoranthene (C21.85)	12.378	423944	4.825 ug/ml
13) T Pyrene (C20.8)	12.672	424471	4.830 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.541	402300	4.824 ug/ml
15) T Chrysene (C27.41)	14.582	400840	4.758 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.086	427071	4.747 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.117	433906	4.819 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.462	426208	4.651 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.822	442308	4.688 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.866	429892	4.698 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.074	469932	4.851 ug/ml

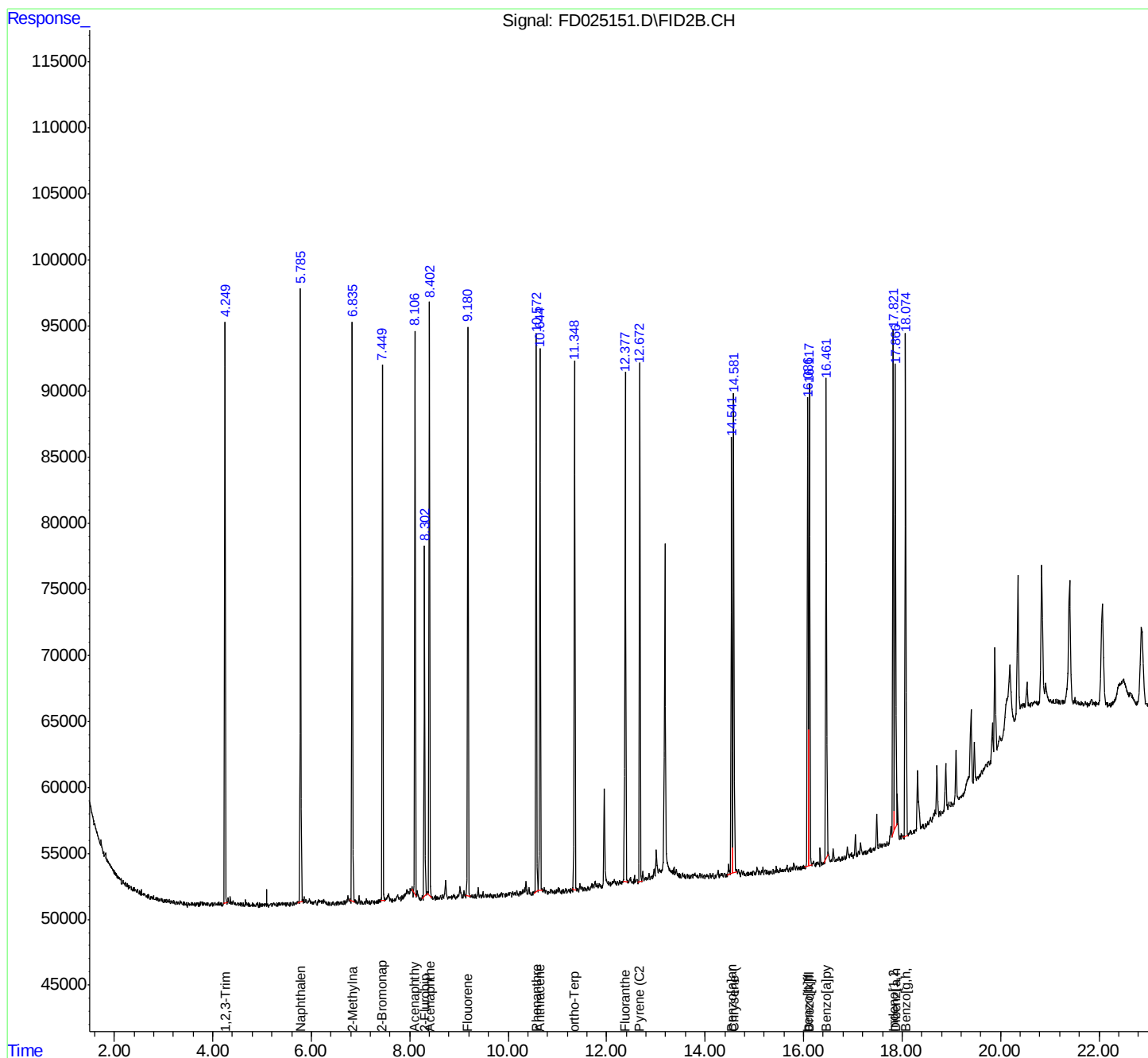
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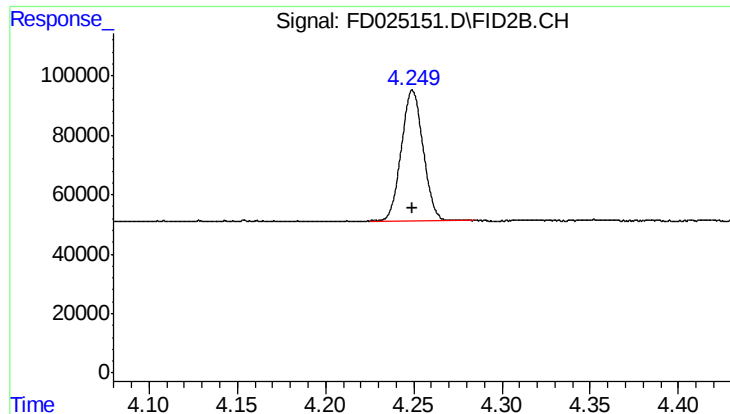
(m)=manual int.

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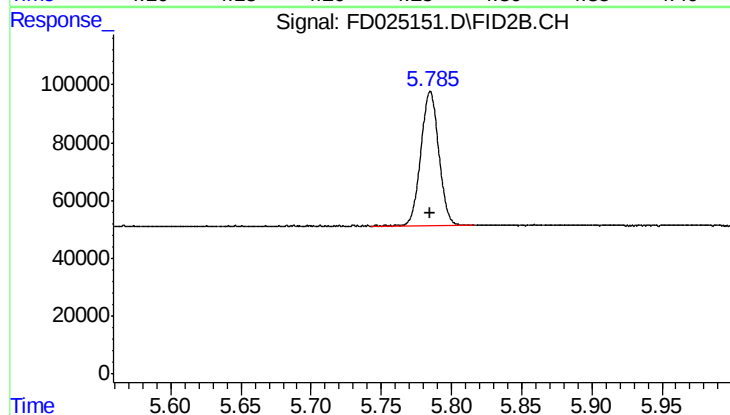
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





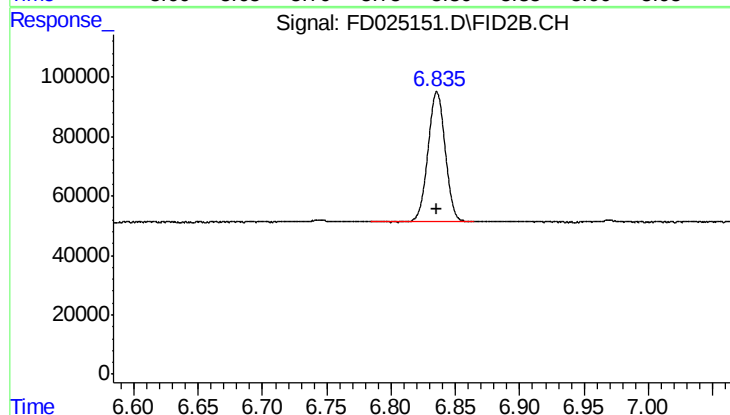
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 378735
Conc: 4.85 ug/ml



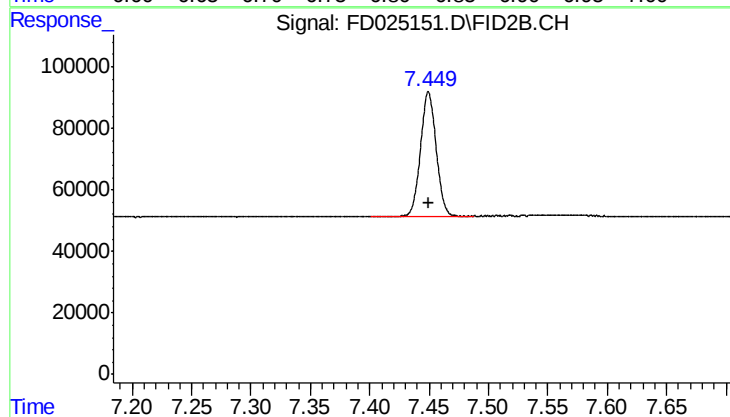
#2 Naphthalene (C11.7)

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 412715
Conc: 4.79 ug/ml



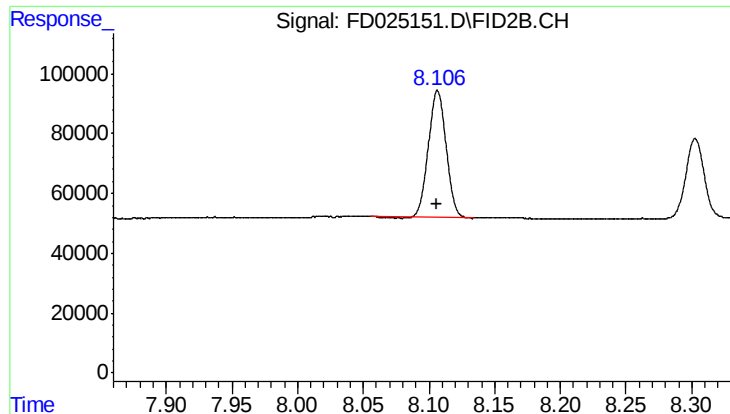
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 409415
Conc: 4.76 ug/ml



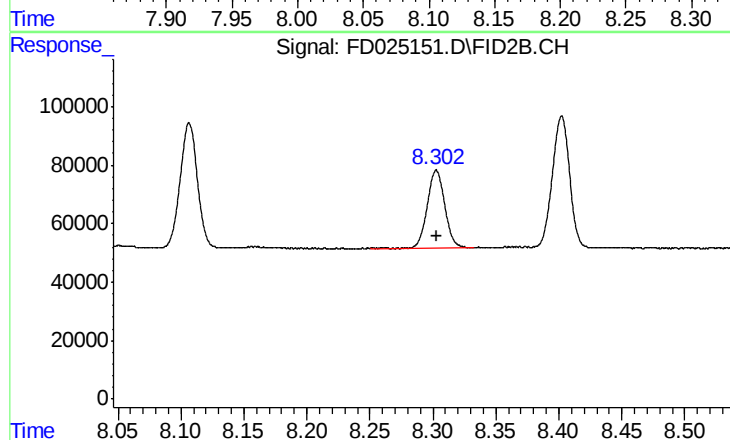
#4 2-Bromonaphthalene (SURR)

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 370678
Conc: 4.80 ug/ml



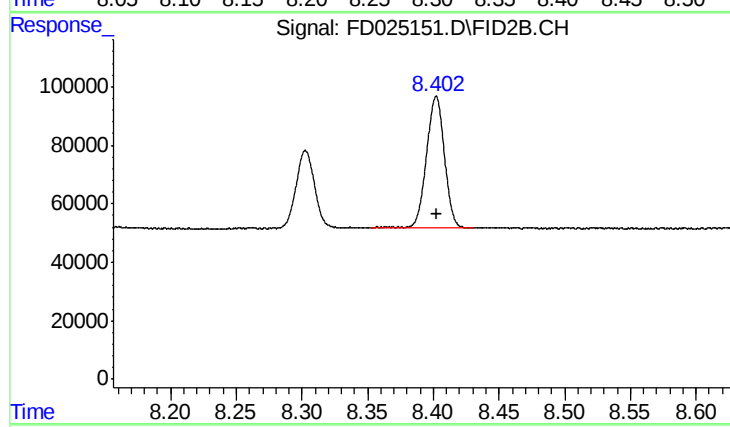
#5 Acenaphthylene (C15.06)

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 398467
Conc: 4.69 ug/ml



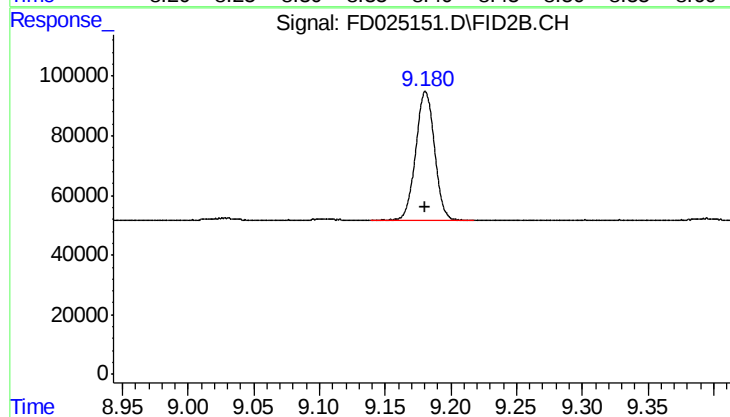
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 253719
Conc: 4.72 ug/ml



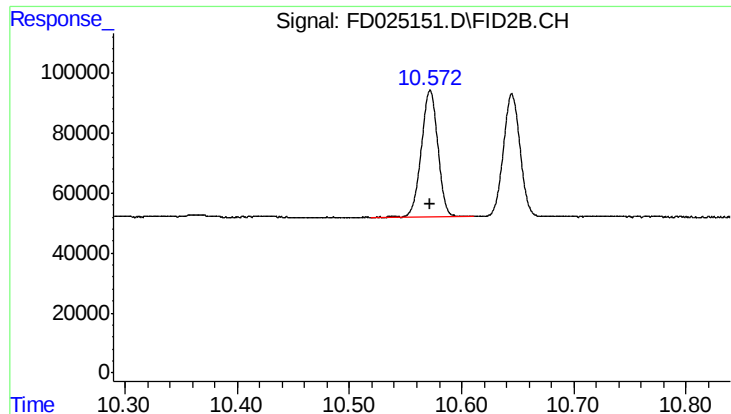
#7 Acenaphthene (C15.5)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 427582
Conc: 4.80 ug/ml



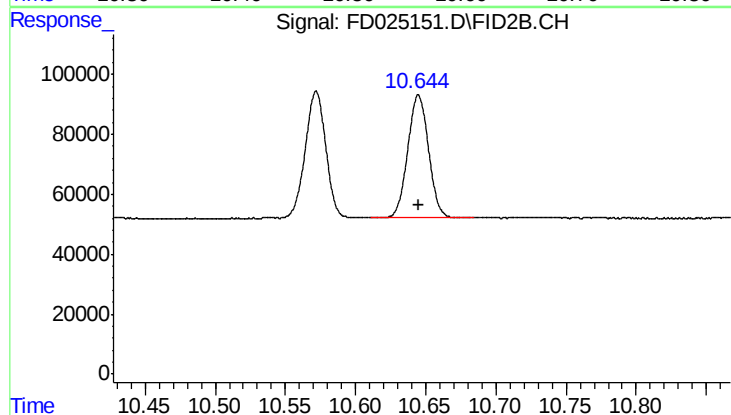
#8 Fluorene (C16.55)

R.T.: 9.181 min
Delta R.T.: 0.000 min
Response: 426819
Conc: 4.79 ug/ml



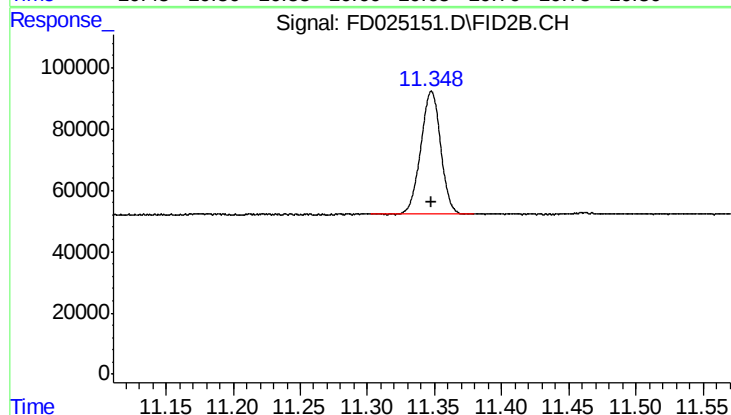
#9 Phenanthrene (C19.36)

R.T.: 10.572 min
Delta R.T.: 0.000 min
Response: 430717
Conc: 4.81 ug/ml



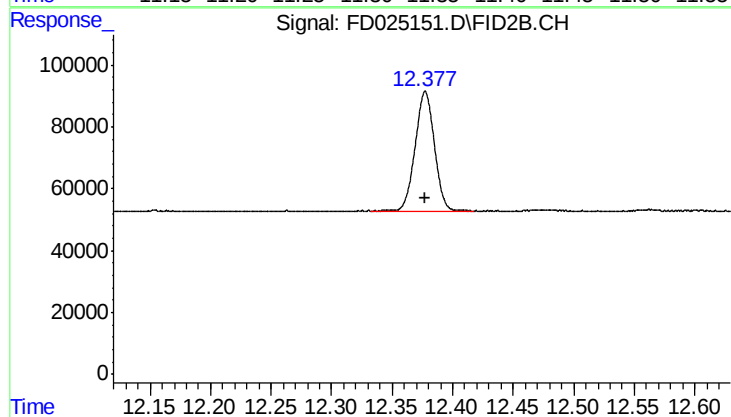
#10 Anthracene (C19.43)

R.T.: 10.645 min
Delta R.T.: 0.000 min
Response: 423221
Conc: 4.81 ug/ml



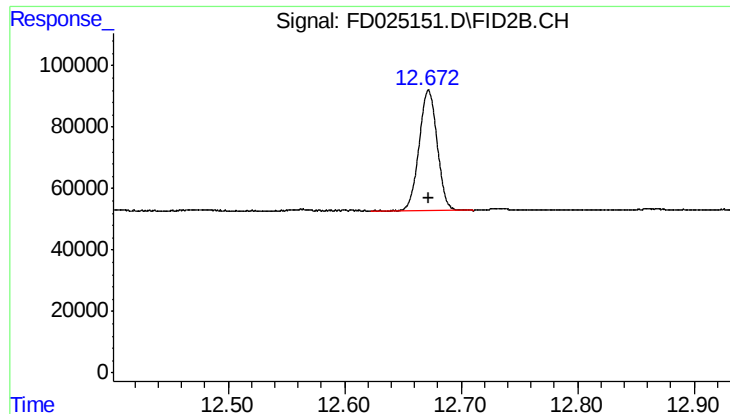
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 413816
Conc: 4.88 ug/ml



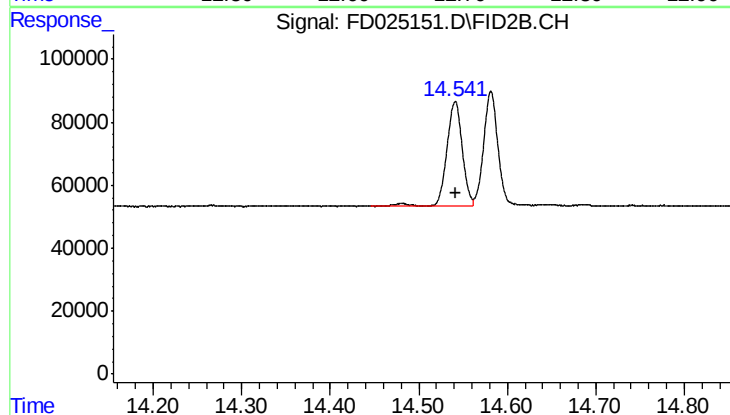
#12 Fluoranthene (C21.85)

R.T.: 12.378 min
Delta R.T.: 0.000 min
Response: 423944
Conc: 4.83 ug/ml



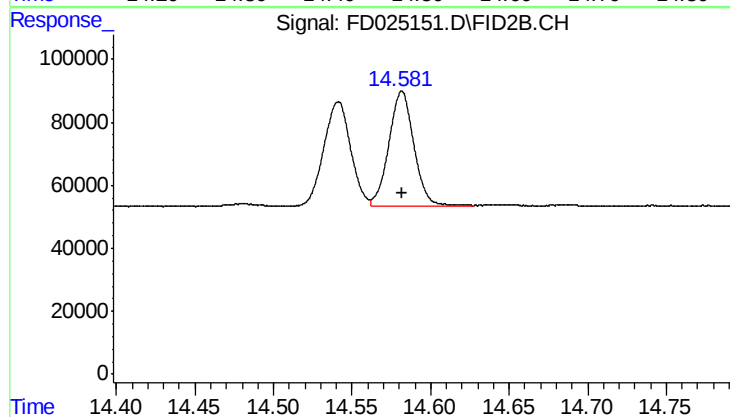
#13 Pyrene (C20.8)

R.T.: 12.672 min
Delta R.T.: 0.000 min
Response: 424471
Conc: 4.83 ug/ml



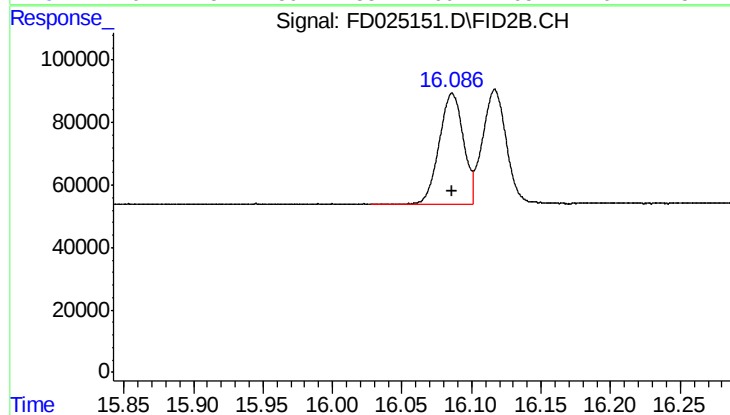
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: 0.000 min
Response: 402300
Conc: 4.82 ug/ml



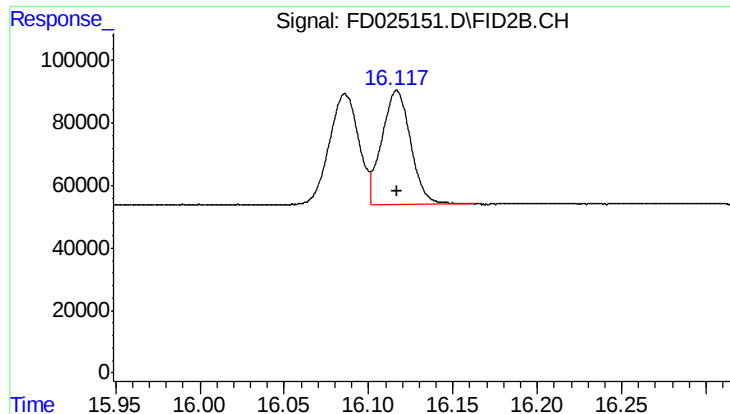
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 400840
Conc: 4.76 ug/ml



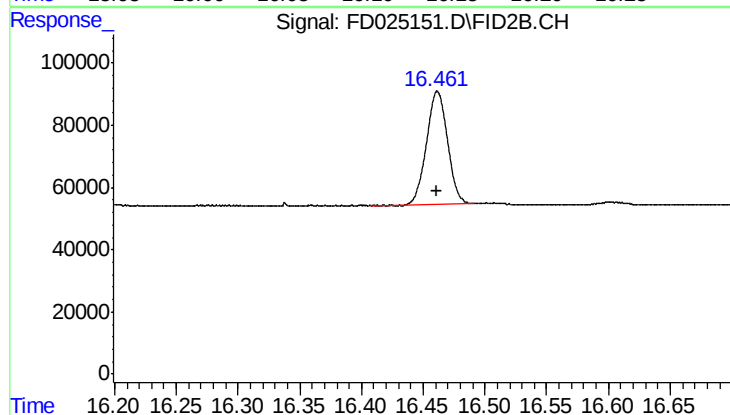
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 427071
Conc: 4.75 ug/ml



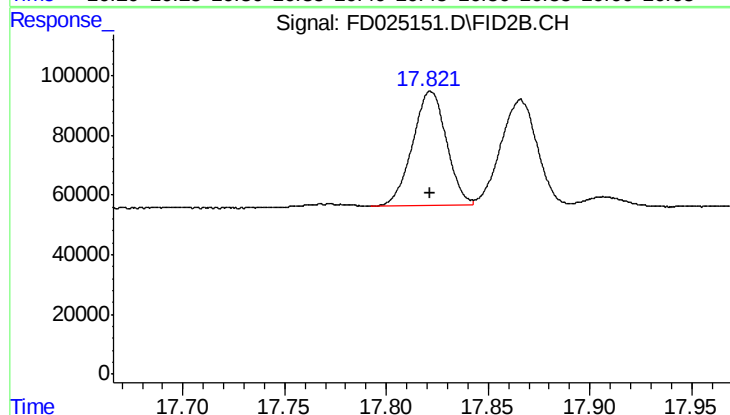
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.117 min
Delta R.T.: 0.000 min
Response: 433906
Conc: 4.82 ug/ml



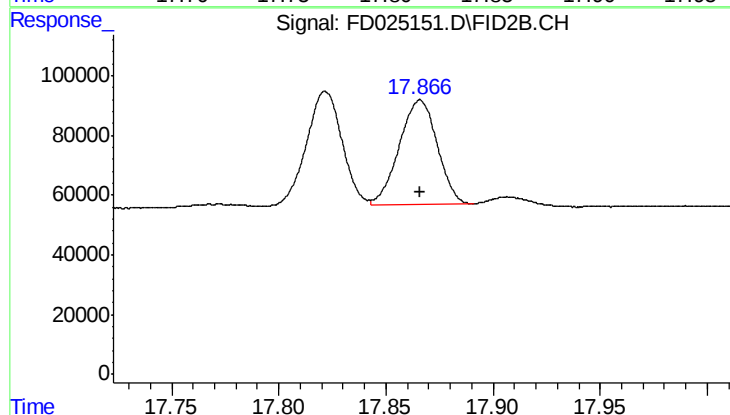
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.000 min
Response: 426208
Conc: 4.65 ug/ml



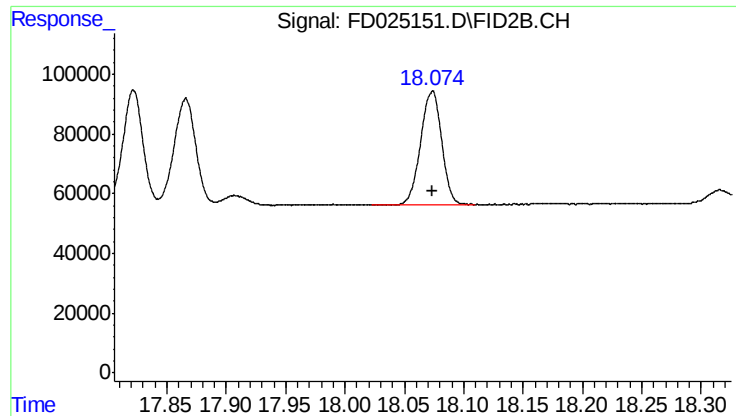
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 442308
Conc: 4.69 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.866 min
Delta R.T.: 0.000 min
Response: 429892
Conc: 4.70 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 469932
Conc: 4.85 ug/ml