

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061518AR\
 Data File : FD024575.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jun 2018 00:17
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 16 06:39:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 16 06:07:09 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...	7.479	1409605	17.554 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
6) S 2-Fluorobiphenyl (SURR)	8.334	972587	17.046 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.09%
11) S ortho-Terphenyl (SURR)	11.383	1513857	16.281 ug/ml
Spiked Amount 50.000		Recovery =	32.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	1599113	18.435 ug/ml
2) T Naphthalene (C11.7)	5.812	1674665	18.208 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	1596561	17.629 ug/ml
5) T Acenaphthylene (C15.06)	8.137	1537818	17.351 ug/ml
7) T Acenaphthene (C15.5)	8.433	1601812	17.268 ug/ml
8) T Flouorene (C16.55)	9.214	1582695	16.936 ug/ml
9) T Phenanthrene (C19.36)	10.607	1634897	16.695 ug/ml
10) T Anthracene (C19.43)	10.682	1592761	16.342 ug/ml
12) T Fluoranthene (C21.85)	12.418	1735729	16.978 ug/ml
13) T Pyrene (C20.8)	12.713	1757638	16.993 ug/ml
14) T Benzo[a]anthracene (C...	14.586	1820248	18.056 ug/ml
15) T Chrysene (C27.41)	14.628	1842449	18.076 ug/ml
16) T benzo[b]fluoranthene ...	16.134	1896469	18.781 ug/ml
17) T Bnezo[k]fluoranthene ...	16.166	1933138	18.872 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.511	1913257	19.428 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	1874150	22.821 ug/mlm
20) T Dibenz[a,h]anthracene...	17.917	1853980	20.587 ug/ml
21) T Benzo[g,h,i]perylene ...	18.127	1882938	22.590 ug/ml

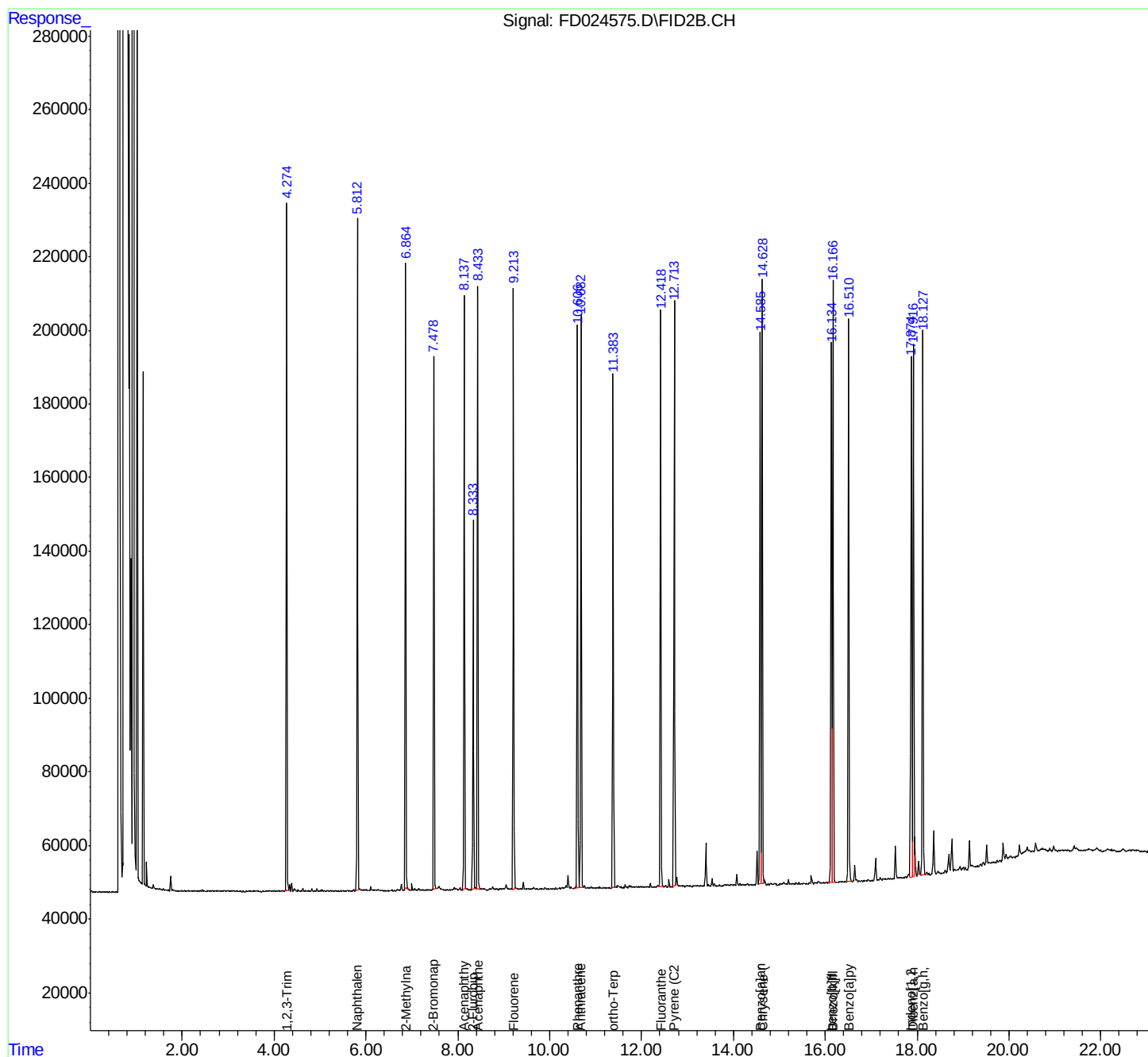
(f)=RT Delta > 1/2 Window

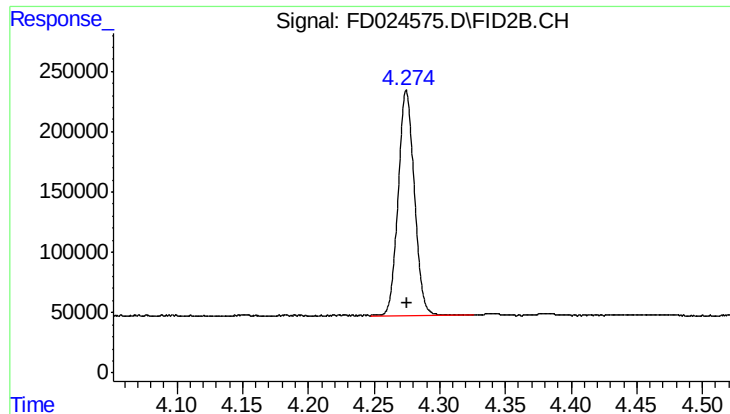
(m)=manual int.

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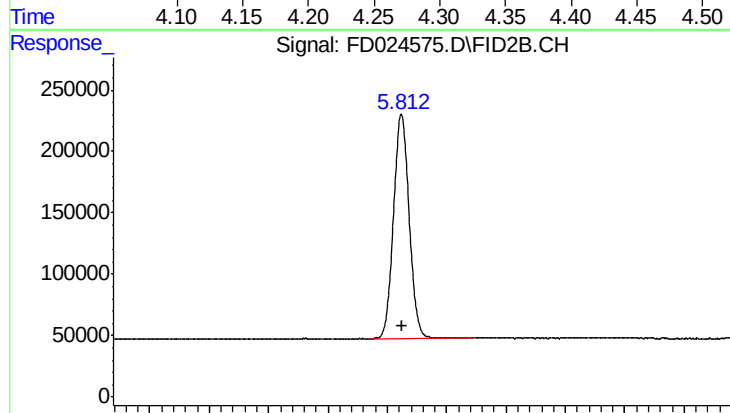
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Signal Info : 20M x 0.18mm x 0.18µm





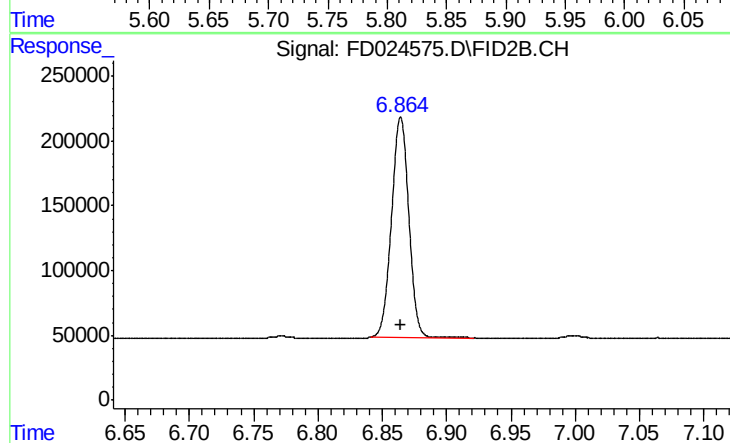
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 1599113
Conc: 18.43 ug/ml



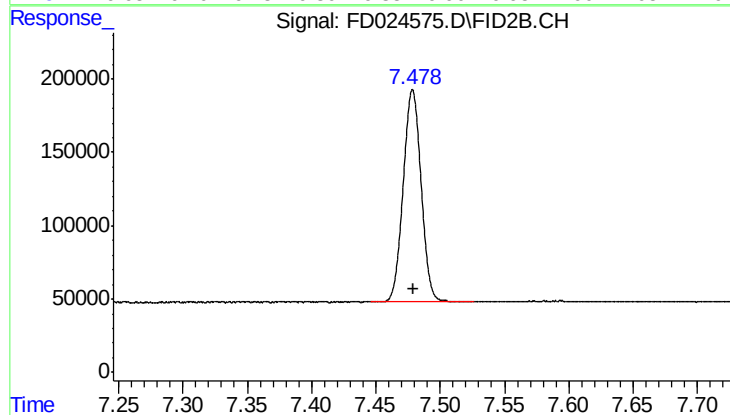
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 1674665
Conc: 18.21 ug/ml



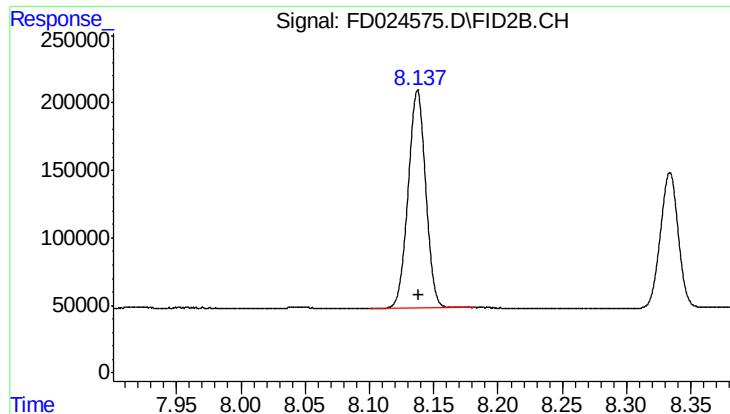
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 1596561
Conc: 17.63 ug/ml



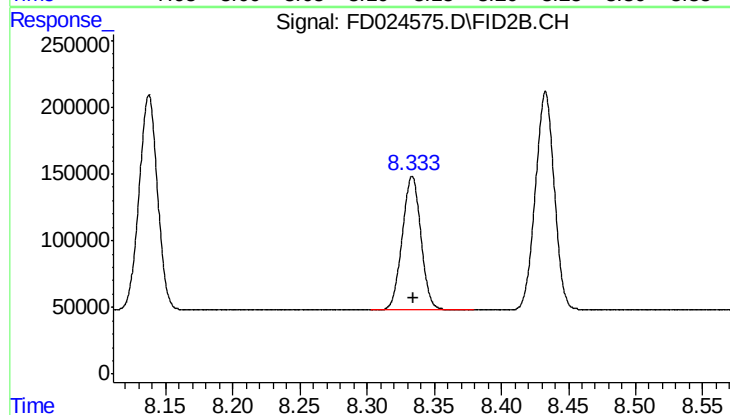
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 1409605
Conc: 17.55 ug/ml



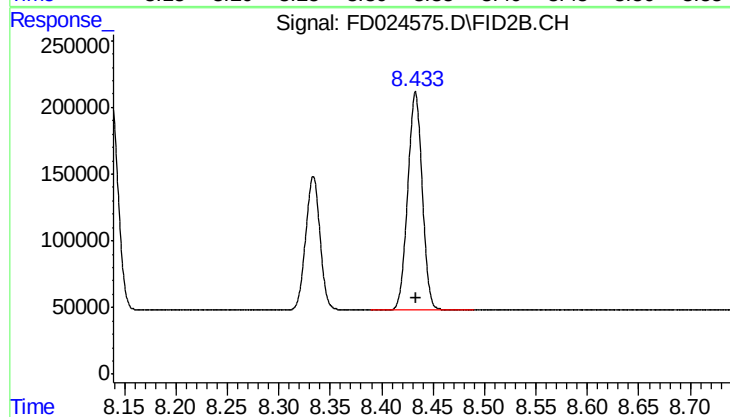
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 1537818
Conc: 17.35 ug/ml



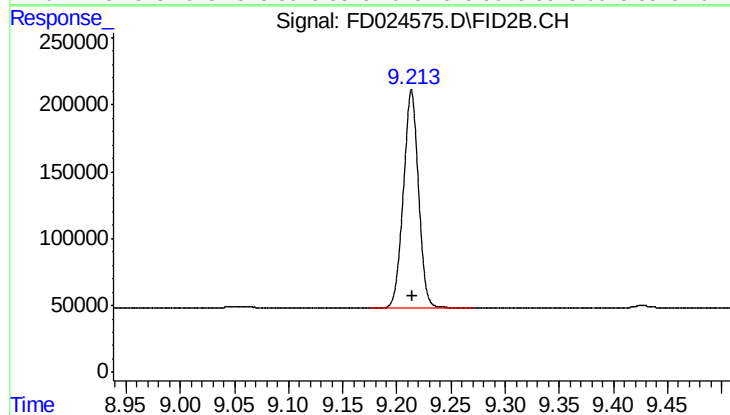
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 972587
Conc: 17.05 ug/ml



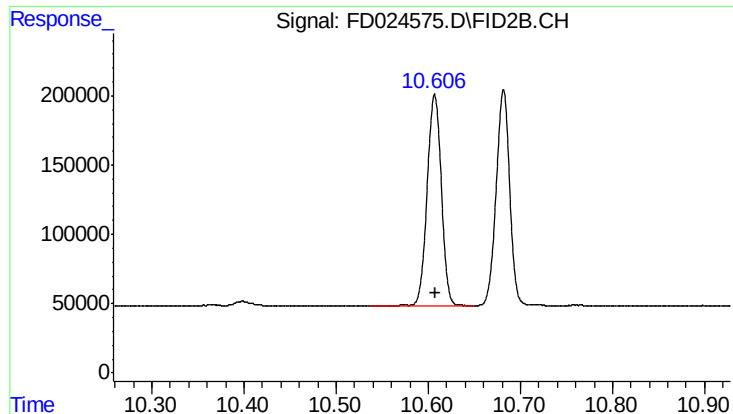
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: 0.000 min
Response: 1601812
Conc: 17.27 ug/ml



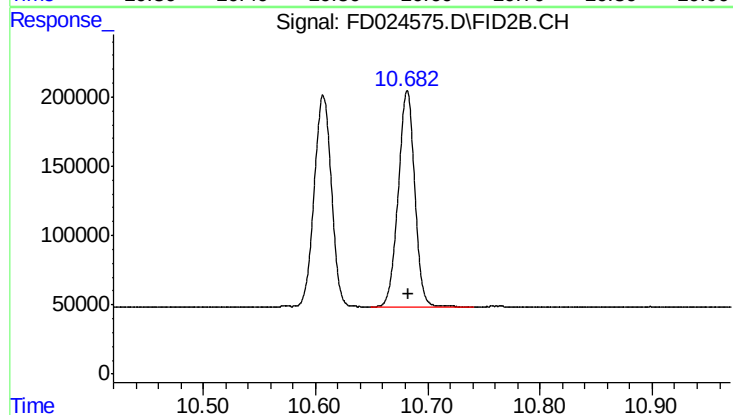
#8 Fluorene (C16.55)

R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 1582695
Conc: 16.94 ug/ml



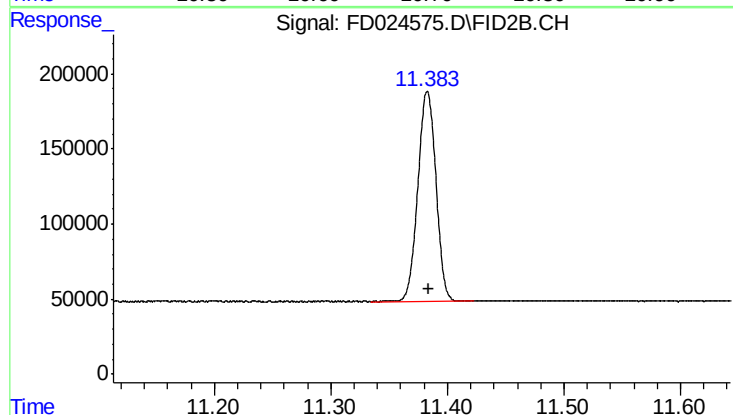
#9 Phenanthrene (C19.36)

R.T.: 10.607 min
Delta R.T.: -0.001 min
Response: 1634897
Conc: 16.70 ug/ml



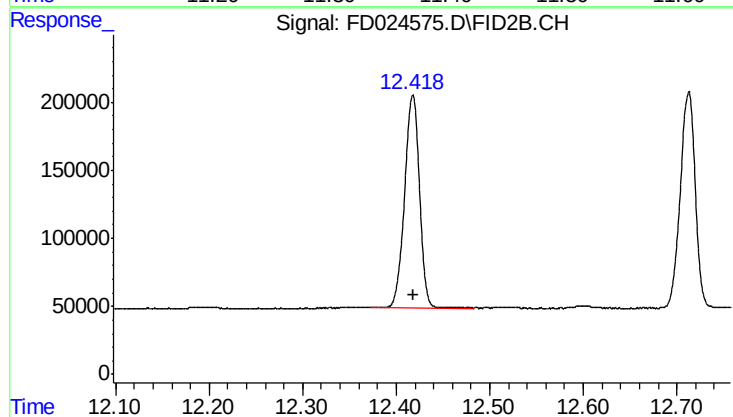
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: 0.000 min
Response: 1592761
Conc: 16.34 ug/ml



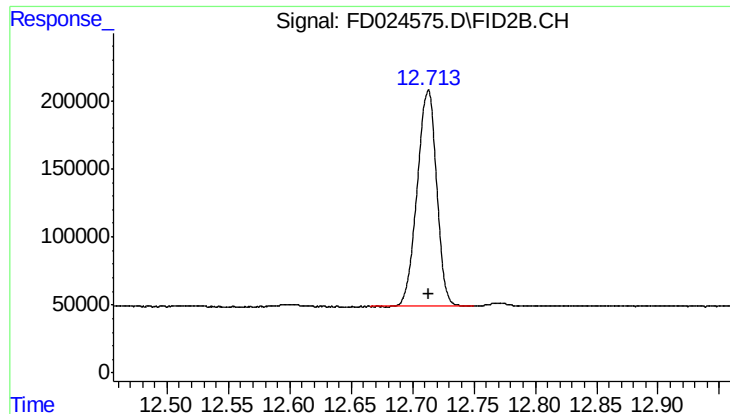
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.001 min
Response: 1513857
Conc: 16.28 ug/ml



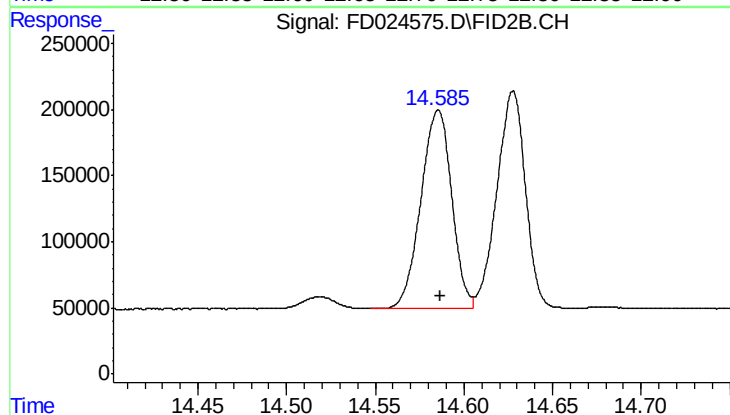
#12 Fluoranthene (C21.85)

R.T.: 12.418 min
Delta R.T.: 0.000 min
Response: 1735729
Conc: 16.98 ug/ml



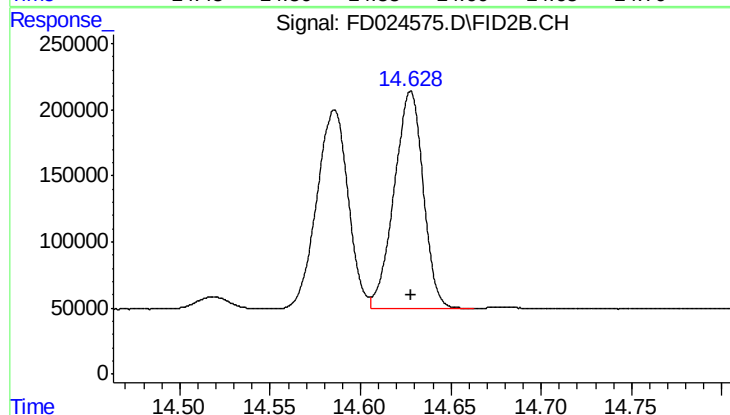
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: 0.000 min
Response: 1757638
Conc: 16.99 ug/ml



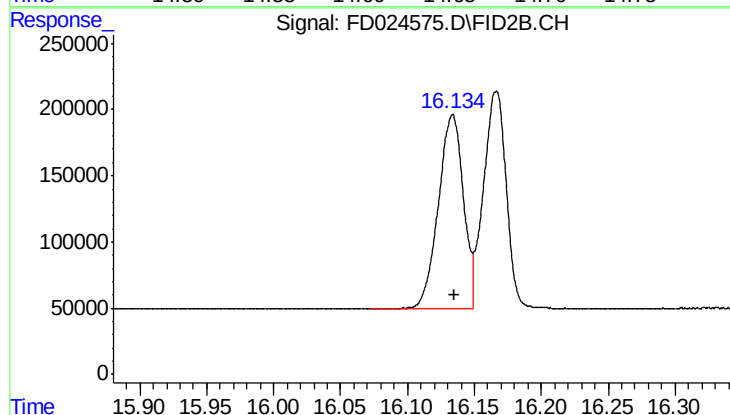
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.586 min
Delta R.T.: -0.001 min
Response: 1820248
Conc: 18.06 ug/ml



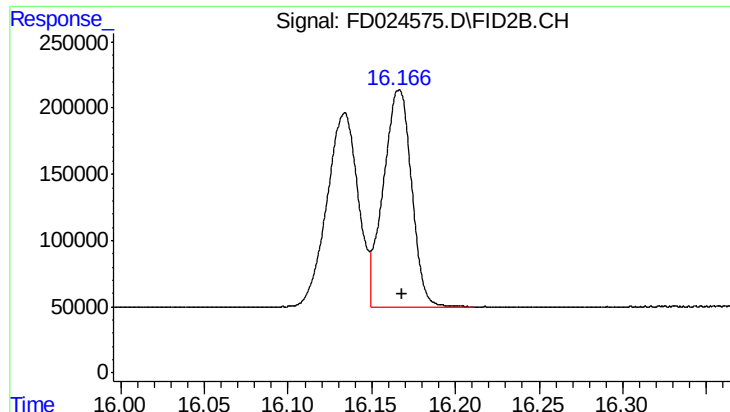
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.000 min
Response: 1842449
Conc: 18.08 ug/ml



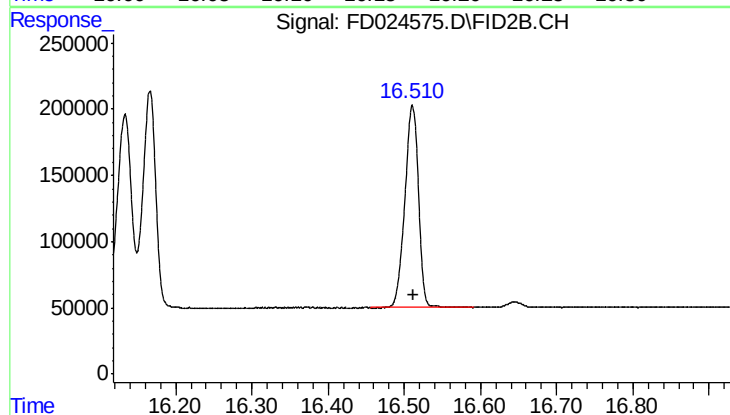
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.134 min
Delta R.T.: -0.001 min
Response: 1896469
Conc: 18.78 ug/ml



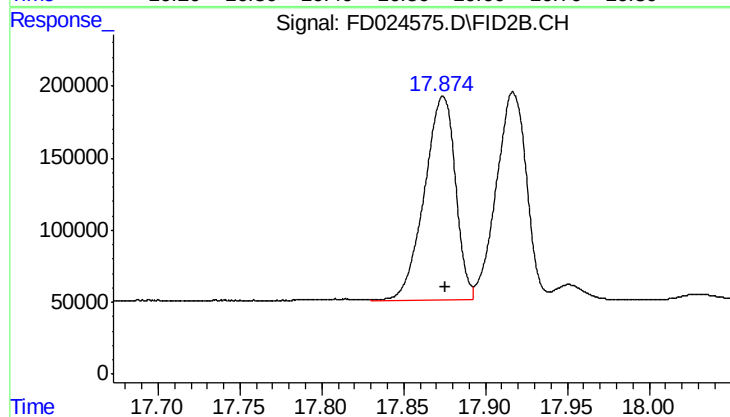
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.166 min
Delta R.T.: -0.001 min
Response: 1933138
Conc: 18.87 ug/ml



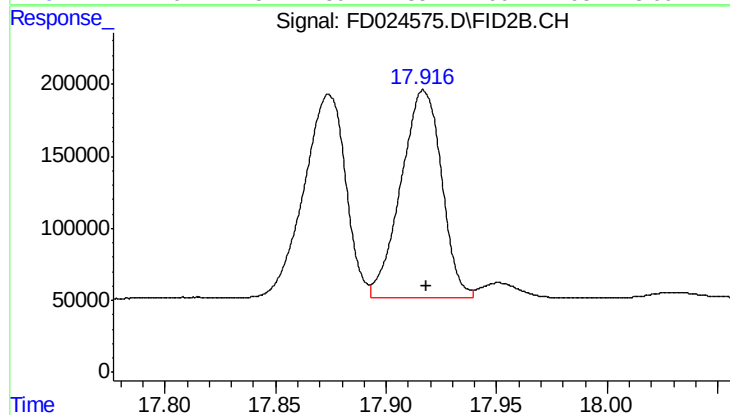
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.511 min
Delta R.T.: 0.000 min
Response: 1913257
Conc: 19.43 ug/ml



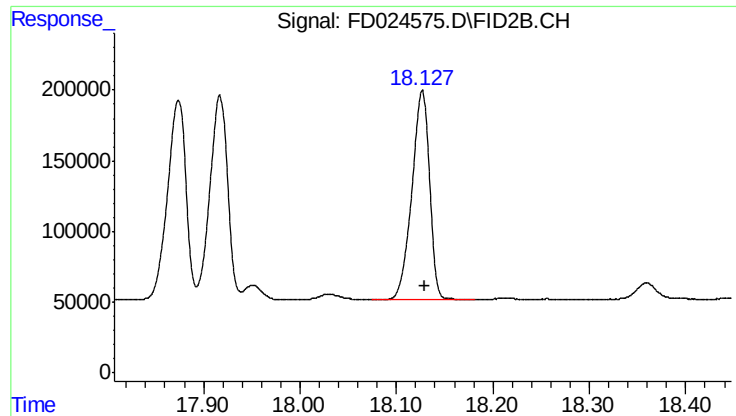
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min
Delta R.T.: -0.002 min
Response: 1874150
Conc: 22.82 ug/ml m



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

R.T.: 17.917 min
Delta R.T.: -0.001 min
Response: 1853980
Conc: 20.59 ug/ml



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

R.T.: 18.127 min
Delta R.T.: -0.003 min
Response: 1882938
Conc: 22.59 ug/ml