

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071218AR\
 Data File : FD025005.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2018 9:06
 Operator : AJ\SJ
 Sample : AR IDOC SOIL 04
 Misc : FOR SJ
 ALS Vial : 77 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 13 10:18:40 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.475	4433583	48.466 ug/ml
Spiked Amount 50.000		Recovery =	96.93%
6) S 2-Fluorobiphenyl (SURR)	8.331	2995709	47.234 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	94.47%
11) S ortho-Terphenyl (SURR)	11.379	4685104	46.685 ug/ml
Spiked Amount 50.000		Recovery =	93.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	3632330	39.083 ug/mlm
2) T Naphthalene (C11.7)	5.807	4227836	41.665 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	4381235	43.091 ug/ml
5) T Acenaphthylene (C15.06)	8.135	4341906	43.485 ug/ml
7) T Acenaphthene (C15.5)	8.431	4523227	43.301 ug/ml
8) T Flouorene (C16.55)	9.212	4634967	44.360 ug/ml
9) T Phenanthrene (C19.36)	10.606	4977540	48.412 ug/ml
10) T Anthracene (C19.43)	10.682	4955700	48.609 ug/ml
12) T Fluoranthene (C21.85)	12.418	5284001	52.993 ug/ml
13) T Pyrene (C20.8)	12.714	5236180	52.657 ug/ml
14) T Benzo[a]anthracene (C...	14.588	5421896	57.753 ug/ml
15) T Chrysene (C27.41)	14.632	5339975	56.447 ug/ml
16) T benzo[b]fluoranthene ...	16.138	5425064	52.462 ug/ml
17) T Bnezo[k]fluoranthene ...	16.175	5332883	50.537 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	5355264	51.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	5225615	49.026 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	5260831	50.300 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	5217533	49.122 ug/ml

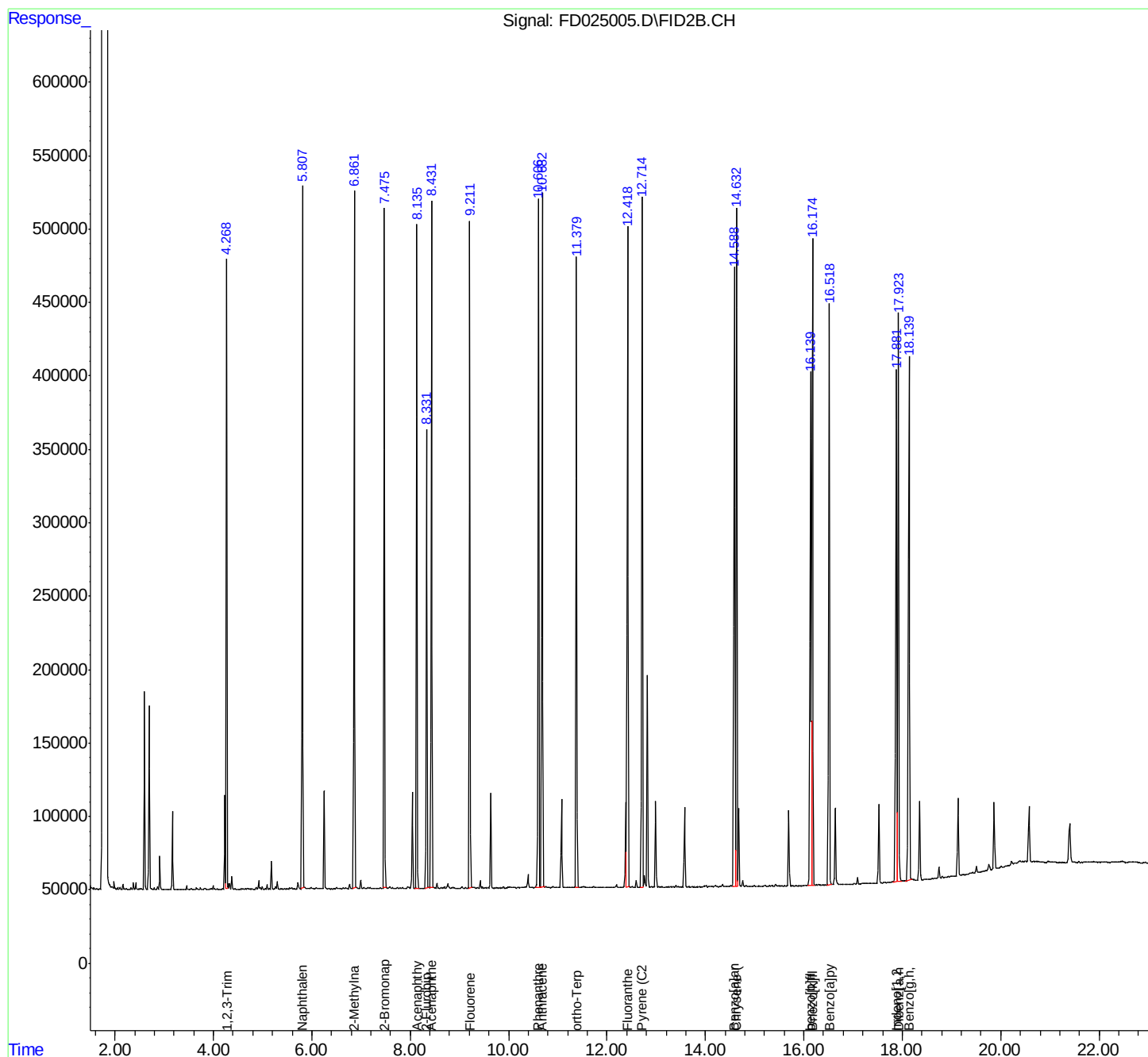
(f)=RT Delta > 1/2 Window

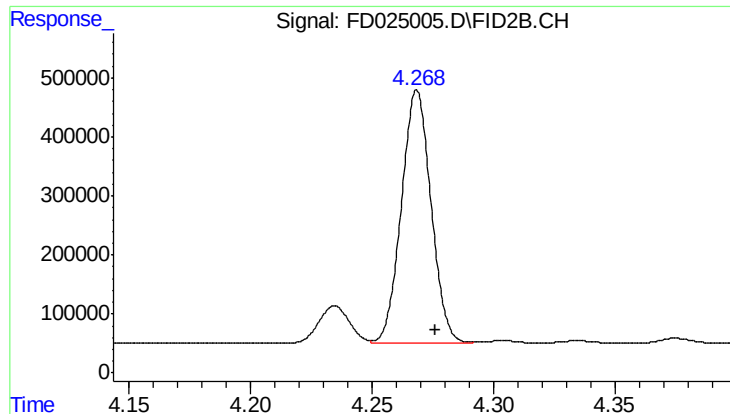
(m)=manual int.

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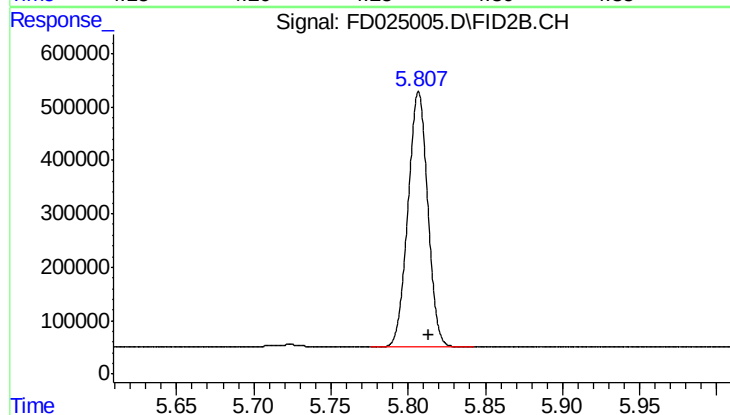
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Signal Info : 20M x 0.18mm x 0.18µm





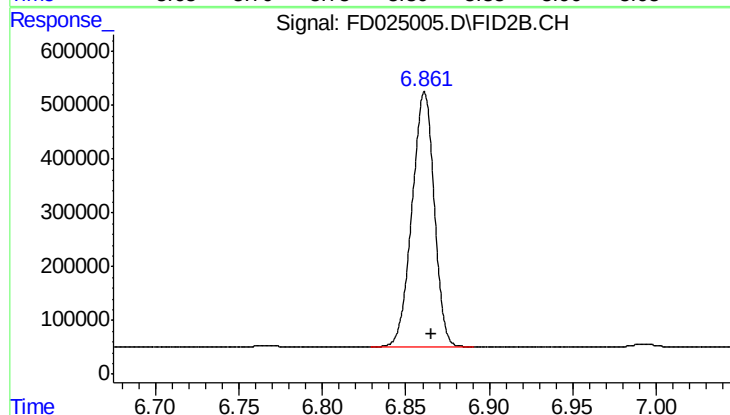
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.268 min
Delta R.T.: -0.008 min
Response: 3632330
Conc: 39.08 ug/ml m



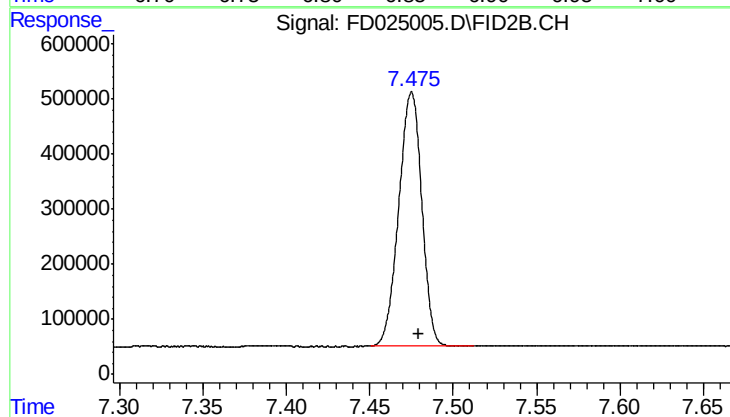
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.007 min
Response: 4227836
Conc: 41.66 ug/ml



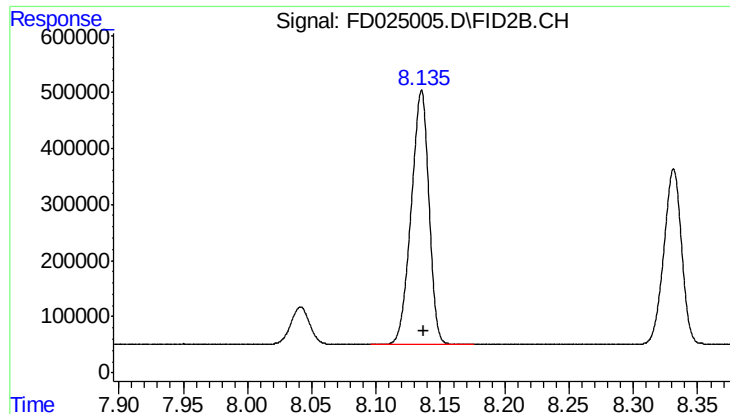
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 4381235
Conc: 43.09 ug/ml



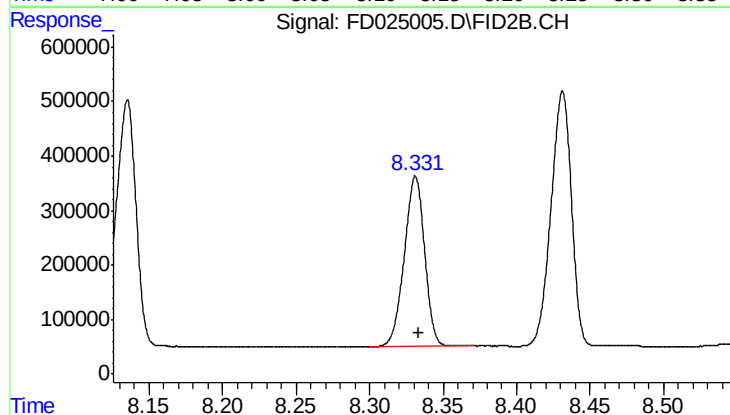
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min
Delta R.T.: -0.004 min
Response: 4433583
Conc: 48.47 ug/ml



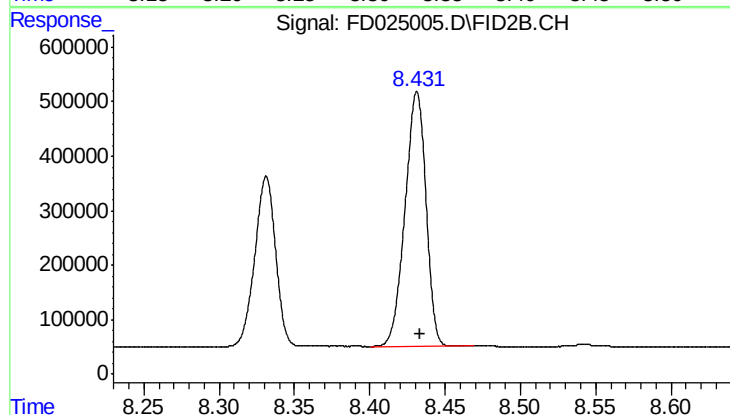
#5 Acenaphthylene (C15.06)

R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 4341906
Conc: 43.48 ug/ml



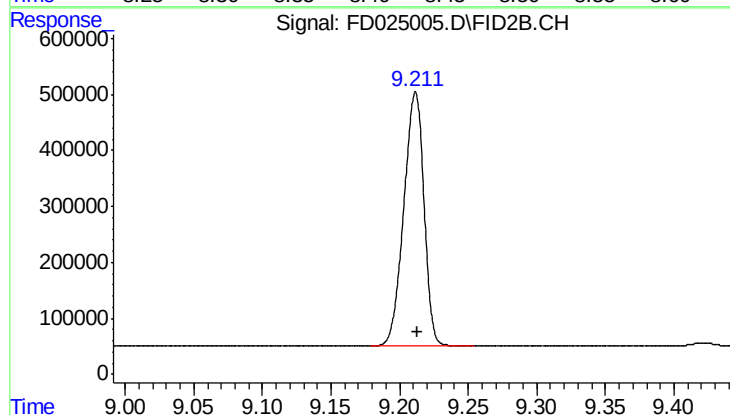
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 2995709
Conc: 47.23 ug/ml



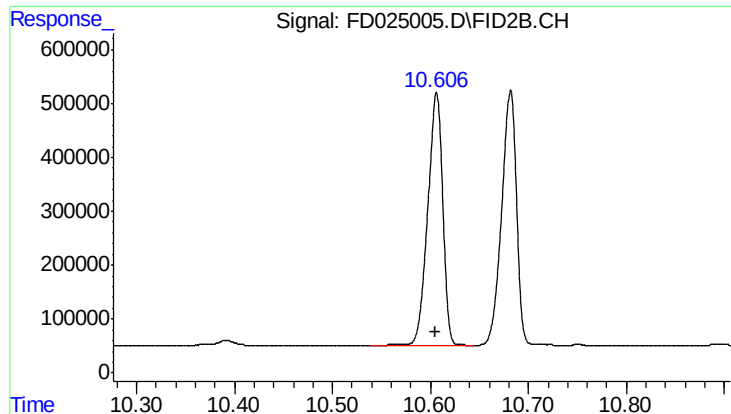
#7 Acenaphthene (C15.5)

R.T.: 8.431 min
Delta R.T.: -0.002 min
Response: 4523227
Conc: 43.30 ug/ml



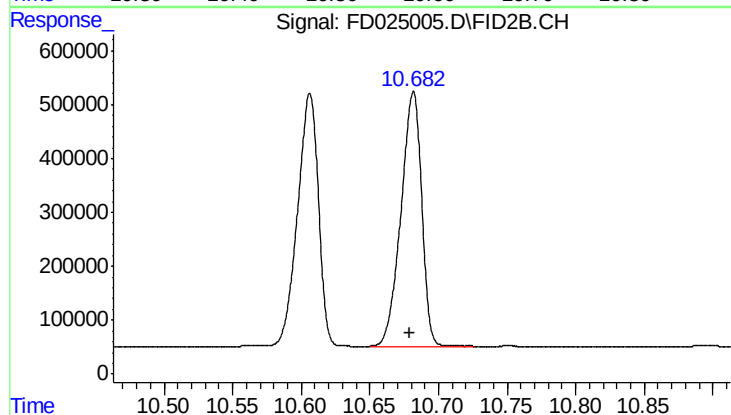
#8 Fluorene (C16.55)

R.T.: 9.212 min
Delta R.T.: -0.001 min
Response: 4634967
Conc: 44.36 ug/ml



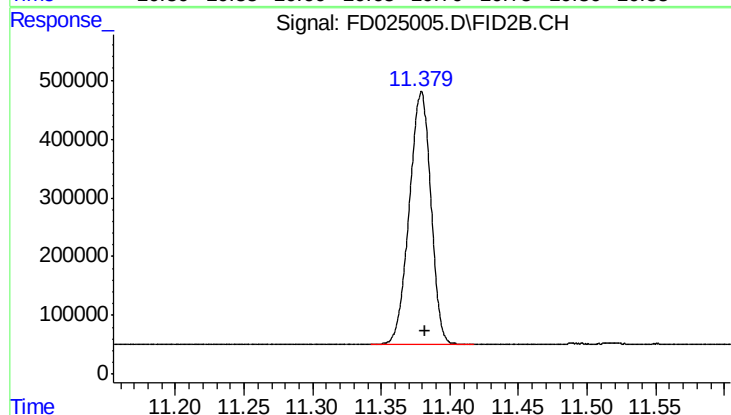
#9 Phenanthrene (C19.36)

R.T.: 10.606 min
Delta R.T.: 0.001 min
Response: 4977540
Conc: 48.41 ug/ml



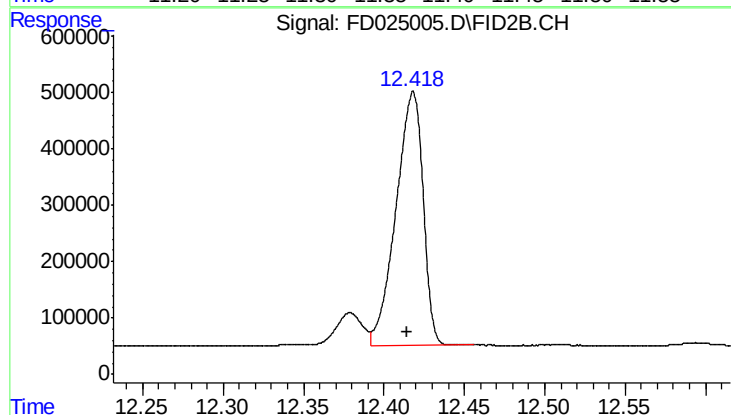
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: 0.003 min
Response: 4955700
Conc: 48.61 ug/ml



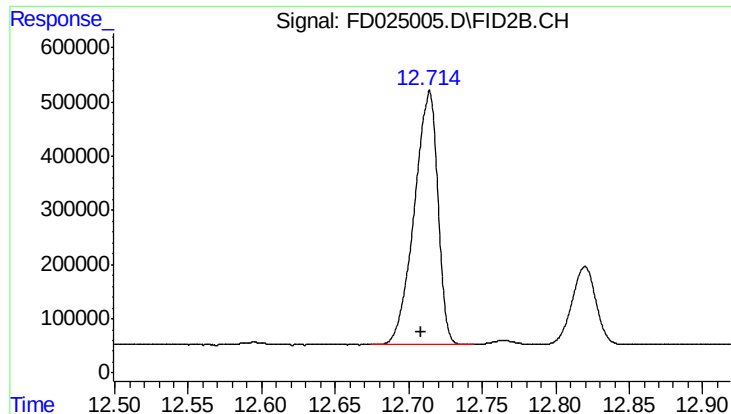
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.002 min
Response: 4685104
Conc: 46.68 ug/ml



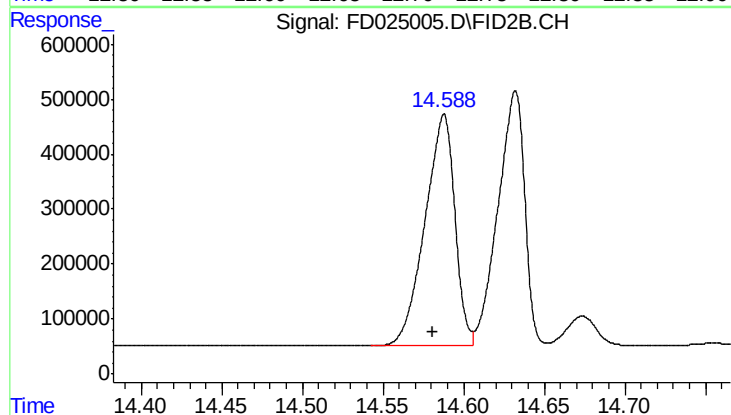
#12 Fluoranthene (C21.85)

R.T.: 12.418 min
Delta R.T.: 0.004 min
Response: 5284001
Conc: 52.99 ug/ml



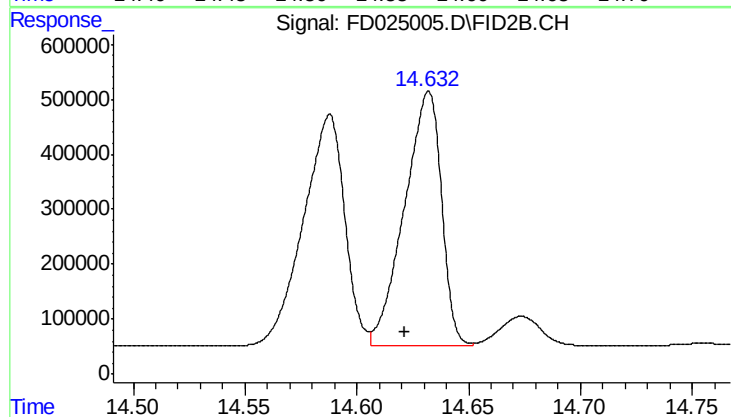
#13 Pyrene (C20.8)

R.T.: 12.714 min
Delta R.T.: 0.005 min
Response: 5236180
Conc: 52.66 ug/ml



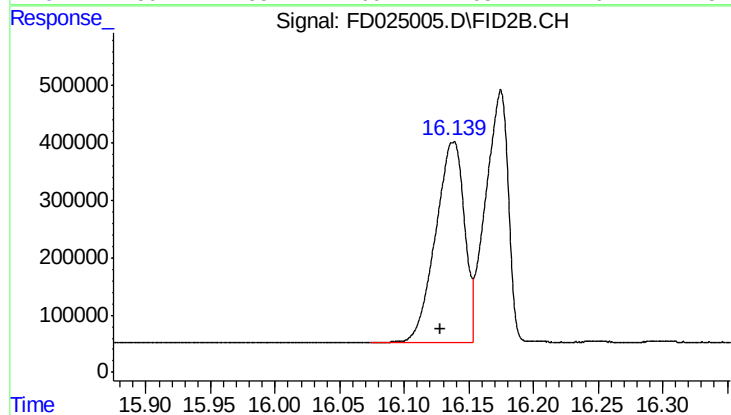
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.007 min
Response: 5421896
Conc: 57.75 ug/ml



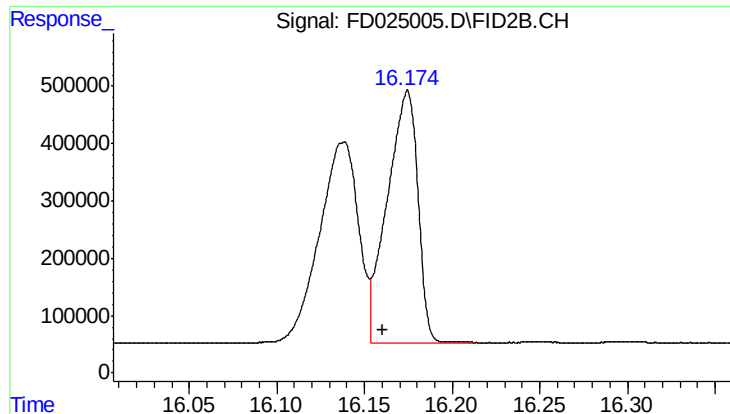
#15 Chrysene (C27.41)

R.T.: 14.632 min
Delta R.T.: 0.011 min
Response: 5339975
Conc: 56.45 ug/ml



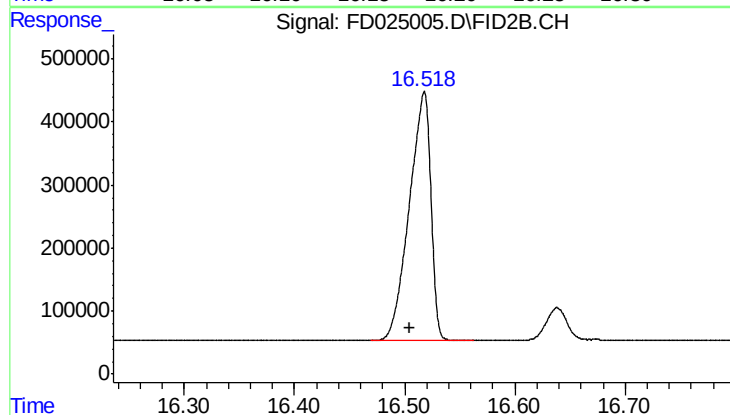
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.138 min
Delta R.T.: 0.010 min
Response: 5425064
Conc: 52.46 ug/ml



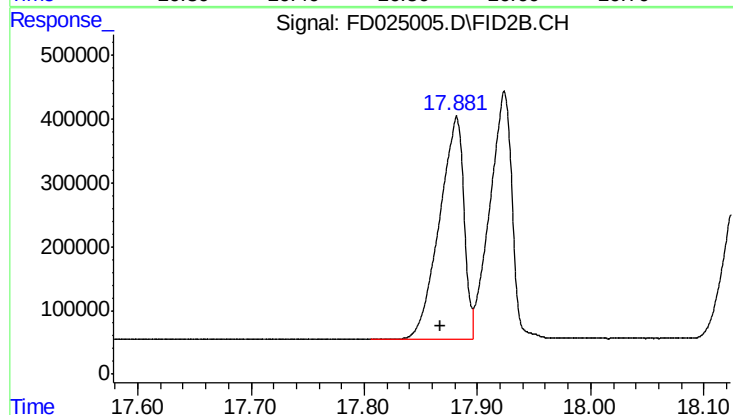
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.175 min
Delta R.T.: 0.014 min
Response: 5332883
Conc: 50.54 ug/ml



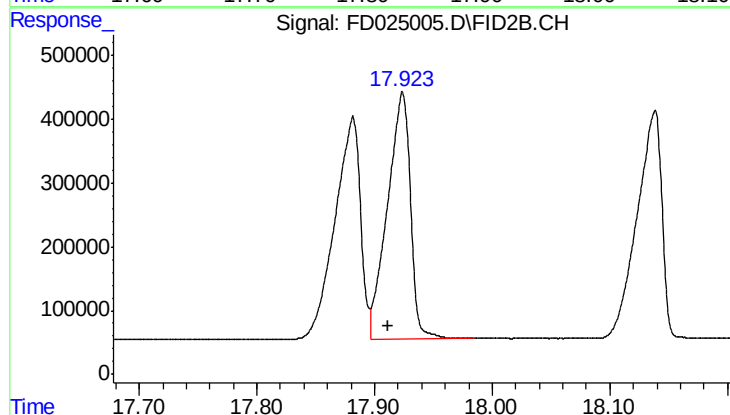
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.518 min
Delta R.T.: 0.013 min
Response: 5355264
Conc: 51.53 ug/ml



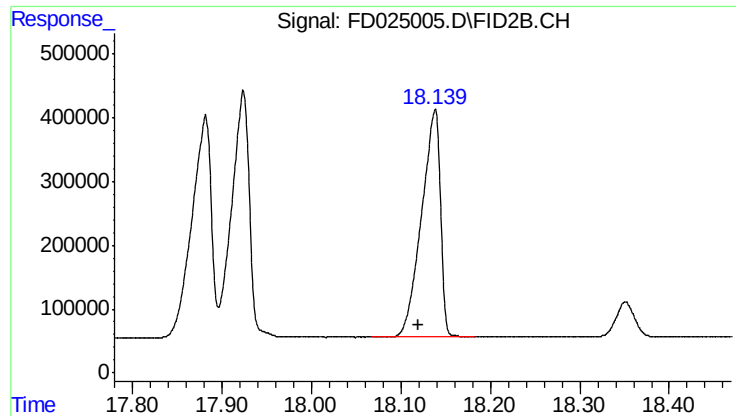
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: 0.015 min
Response: 5225615
Conc: 49.03 ug/ml



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

R.T.: 17.924 min
Delta R.T.: 0.012 min
Response: 5260831
Conc: 50.30 ug/ml



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

R.T.: 18.138 min
Delta R.T.: 0.019 min
Response: 5217533
Conc: 49.12 ug/ml