

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082018AR\
 Data File : FD025423.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2018 18:37
 Operator : AJ\SJ
 Sample : AR IDOC SOIL-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 04:22:39 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.438	4237911	54.900 ug/ml
Spiked Amount 50.000		Recovery =	109.80%
6) S 2-Fluorobiphenyl (SURR)	8.292	3103499	57.719 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.44%
11) S ortho-Terphenyl (SURR)	11.337	4538017	53.474 ug/ml
Spiked Amount 50.000		Recovery =	106.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	2995893	38.358 ug/ml
2) T Naphthalene (C11.7)	5.771	3854366	44.739 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	4073026	47.372 ug/ml
5) T Acenaphthylene (C15.06)	8.095	4131101	48.637 ug/ml
7) T Acenaphthene (C15.5)	8.392	4307527	48.379 ug/ml
8) T Flouorene (C16.55)	9.171	4416128	49.585 ug/ml
9) T Phenanthrene (C19.36)	10.564	4980693	55.610 ug/ml
10) T Anthracene (C19.43)	10.639	5034392	57.171 ug/ml
12) T Fluoranthene (C21.85)	12.372	5606358	63.811 ug/ml
13) T Pyrene (C20.8)	12.668	5582442	63.524 ug/ml
14) T Benzo[a]anthracene (C...	14.540	5784441	69.356 ug/ml
15) T Chrysene (C27.41)	14.583	5738087	68.114 ug/ml
16) T benzo[b]fluoranthene ...	16.087	5811349	64.593 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	5734657	63.694 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	5745969	62.426 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	5635971	59.737 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	5486687	59.955 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	5643778	58.259 ug/ml

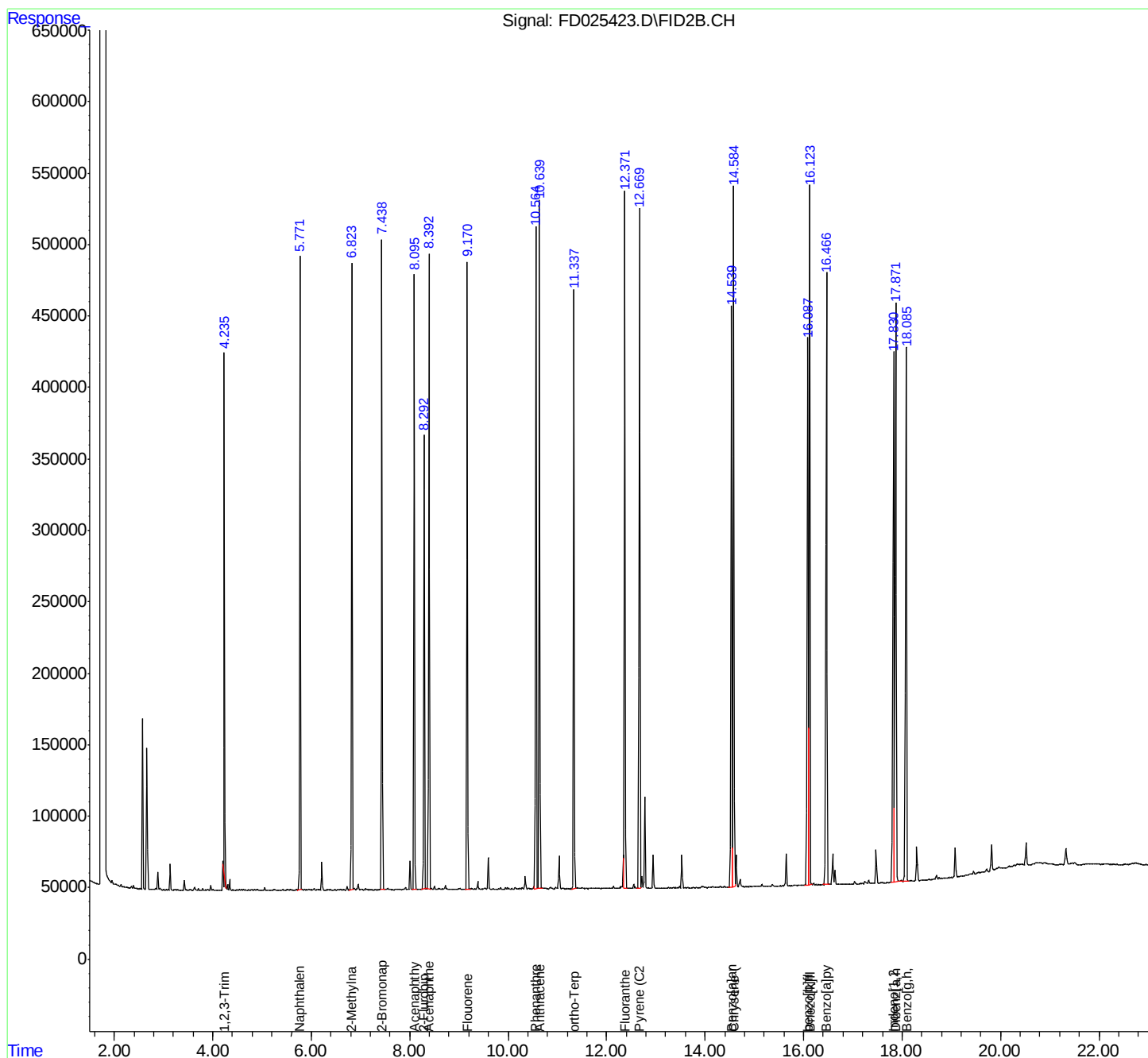
(f)=RT Delta > 1/2 Window

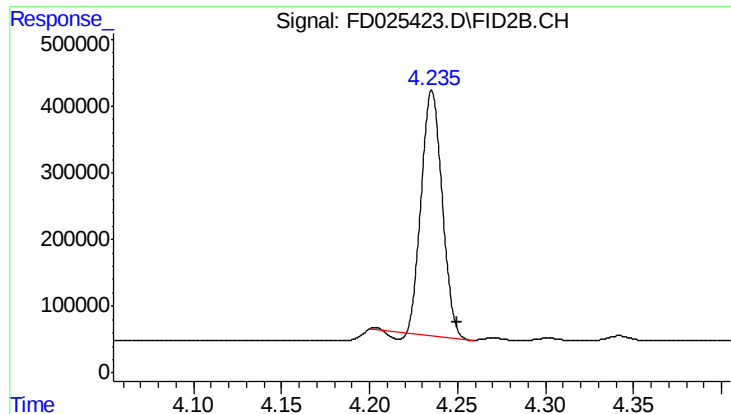
(m)=manual int.

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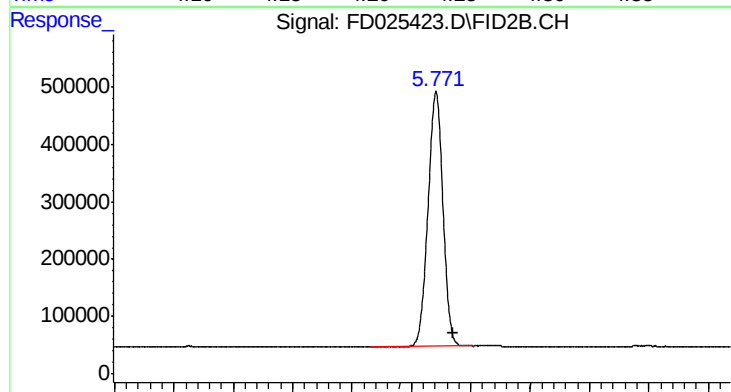
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Signal Info : 20M x 0.18mm x 0.18µm





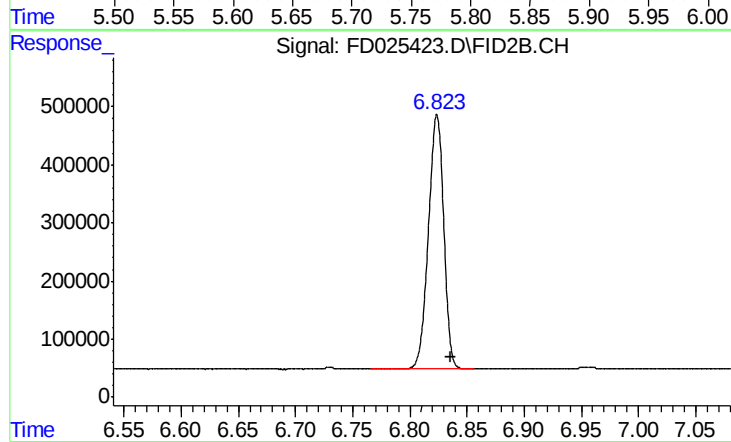
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.236 min
Delta R.T.: -0.014 min
Response: 2995893
Conc: 38.36 ug/ml



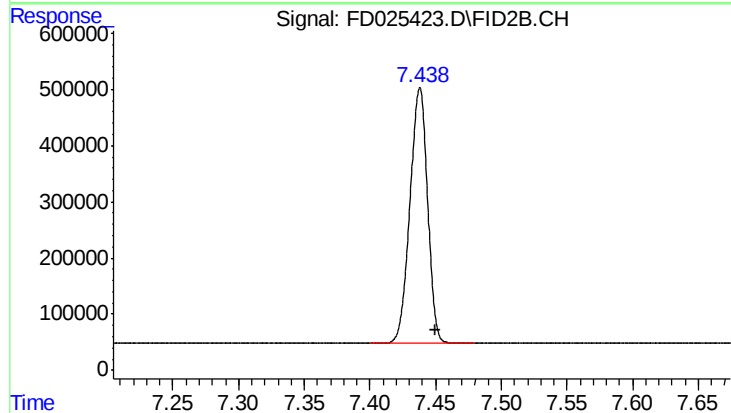
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 3854366
Conc: 44.74 ug/ml



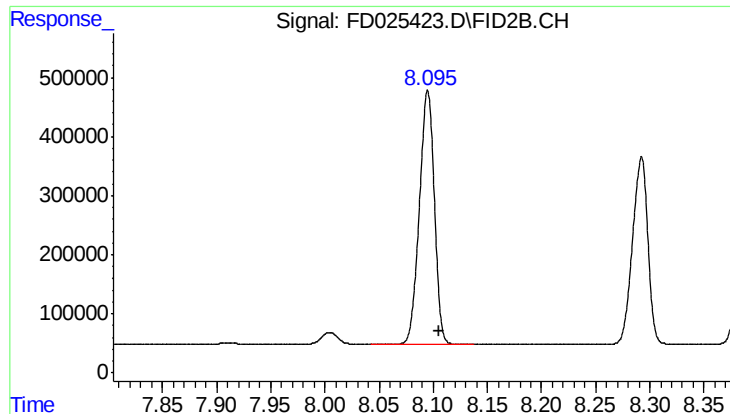
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.012 min
Response: 4073026
Conc: 47.37 ug/ml



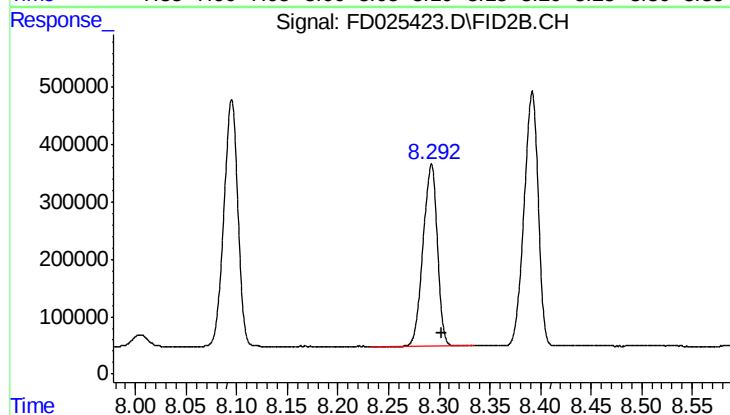
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.012 min
Response: 4237911
Conc: 54.90 ug/ml



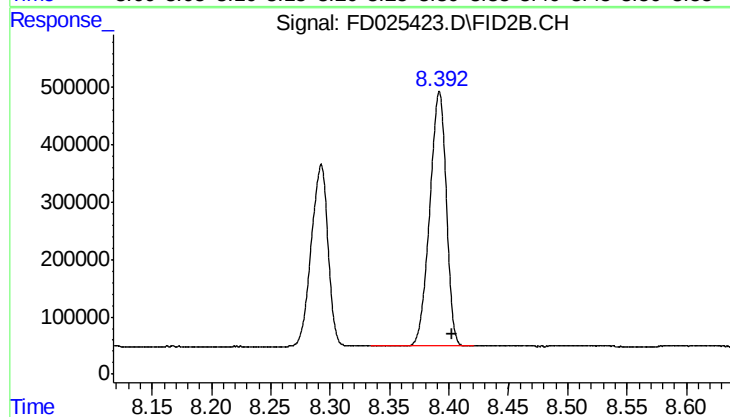
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 4131101
Conc: 48.64 ug/ml



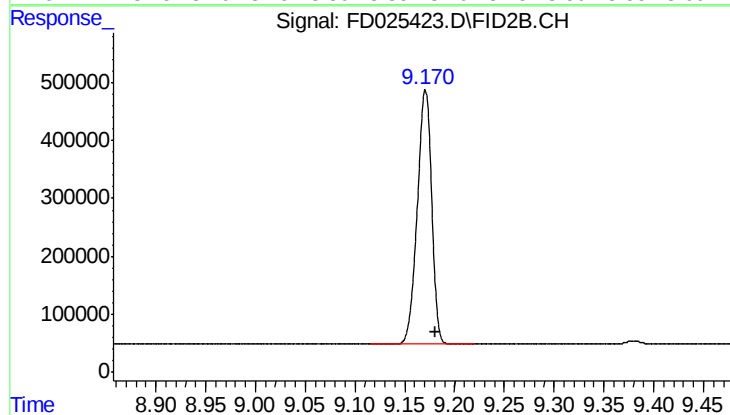
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.292 min
Delta R.T.: -0.010 min
Response: 3103499
Conc: 57.72 ug/ml



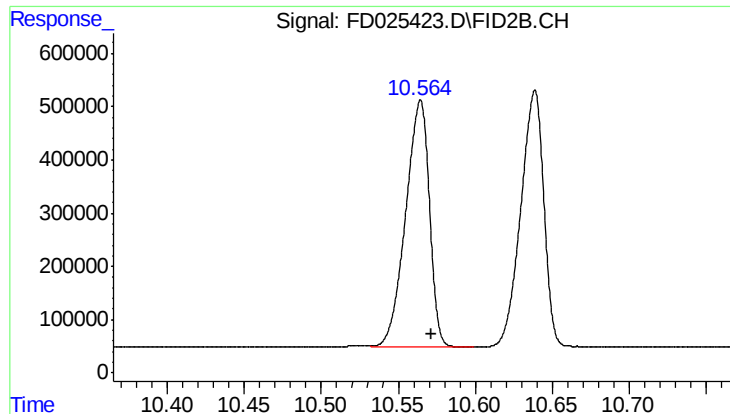
#7 Acenaphthene (C15.5)

R.T.: 8.392 min
Delta R.T.: -0.010 min
Response: 4307527
Conc: 48.38 ug/ml



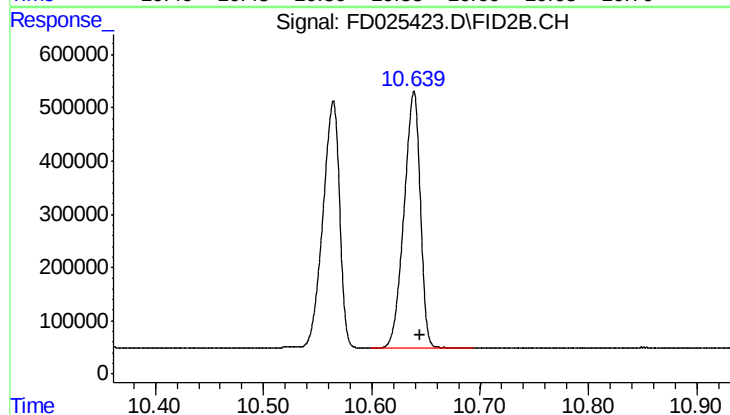
#8 Fluorene (C16.55)

R.T.: 9.171 min
Delta R.T.: -0.010 min
Response: 4416128
Conc: 49.59 ug/ml



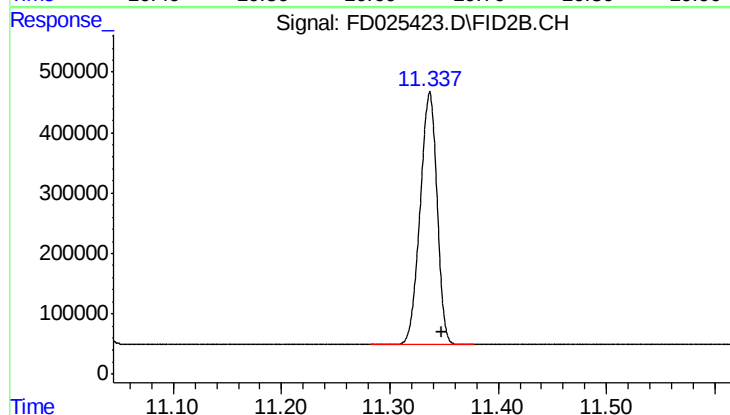
#9 Phenanthrene (C19.36)

R.T.: 10.564 min
Delta R.T.: -0.008 min
Response: 4980693
Conc: 55.61 ug/ml



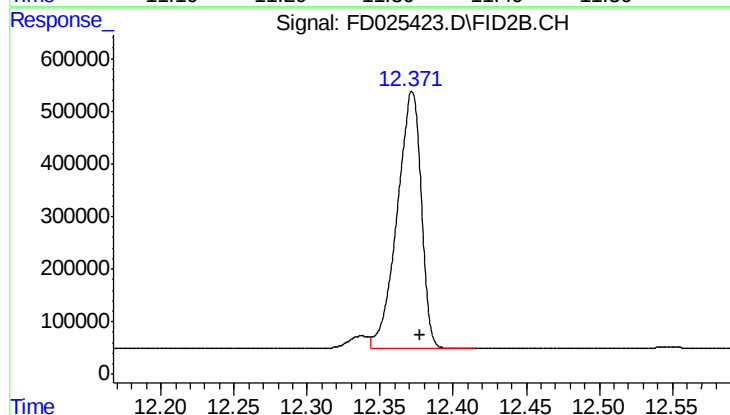
#10 Anthracene (C19.43)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 5034392
Conc: 57.17 ug/ml



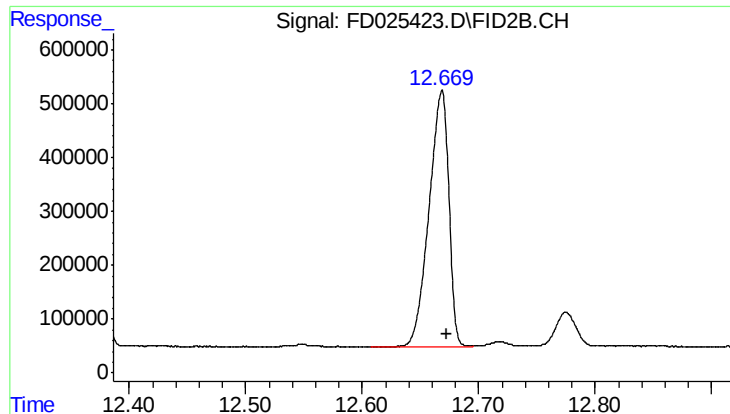
#11 ortho-Terphenyl (SURRE)

R.T.: 11.337 min
Delta R.T.: -0.011 min
Response: 4538017
Conc: 53.47 ug/ml



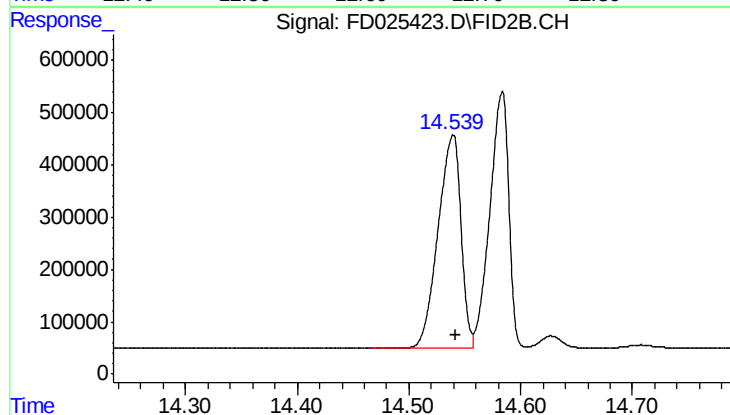
#12 Fluoranthene (C21.85)

R.T.: 12.372 min
Delta R.T.: -0.006 min
Response: 5606358
Conc: 63.81 ug/ml



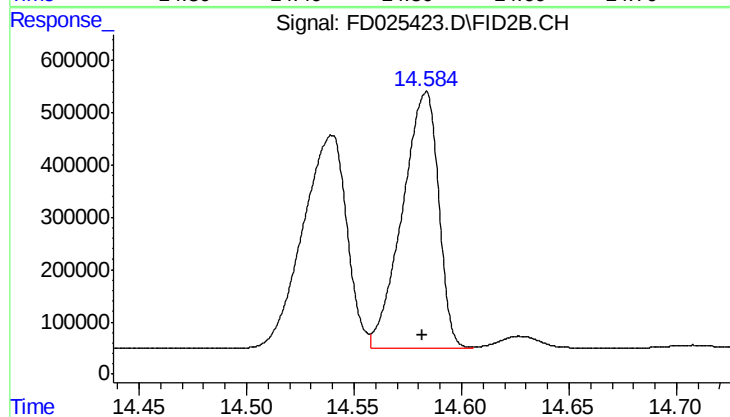
#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: -0.004 min
Response: 5582442
Conc: 63.52 ug/ml



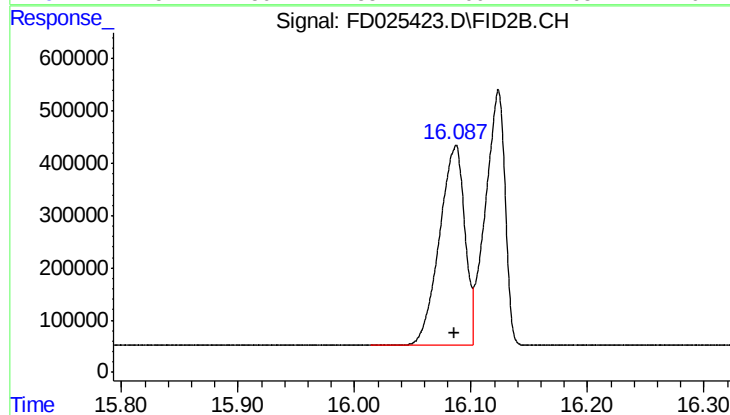
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: -0.002 min
Response: 5784441
Conc: 69.36 ug/ml



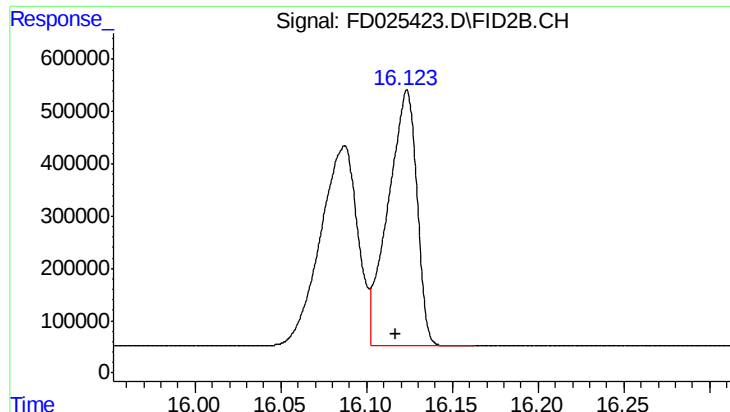
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.002 min
Response: 5738087
Conc: 68.11 ug/ml



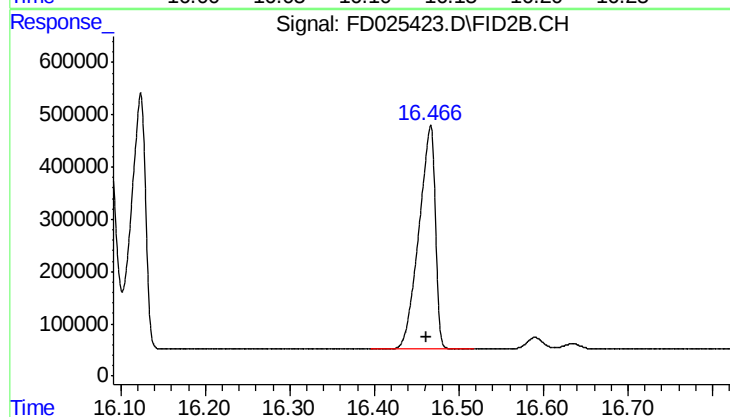
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.000 min
Response: 5811349
Conc: 64.59 ug/ml



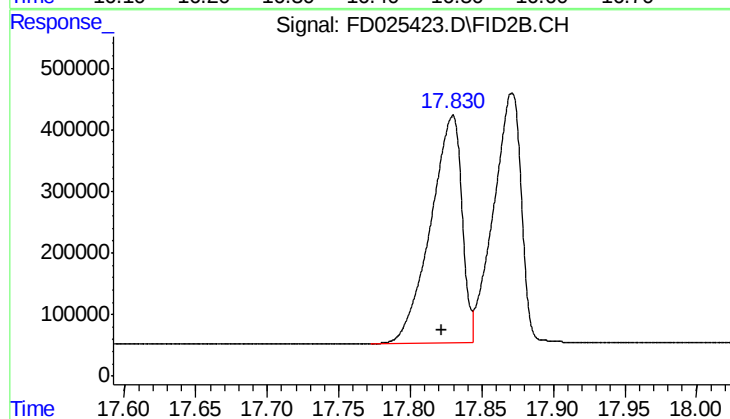
#17 Benzo[k]fluoranthene (C30.14)

R.T.: 16.124 min
Delta R.T.: 0.007 min
Response: 5734657
Conc: 63.69 ug/ml



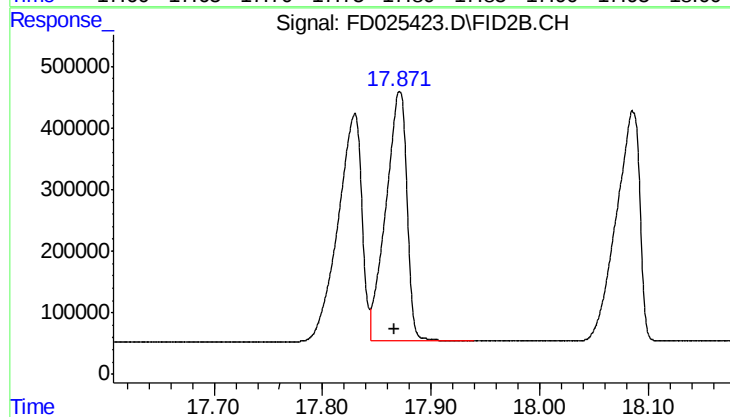
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.006 min
Response: 5745969
Conc: 62.43 ug/ml



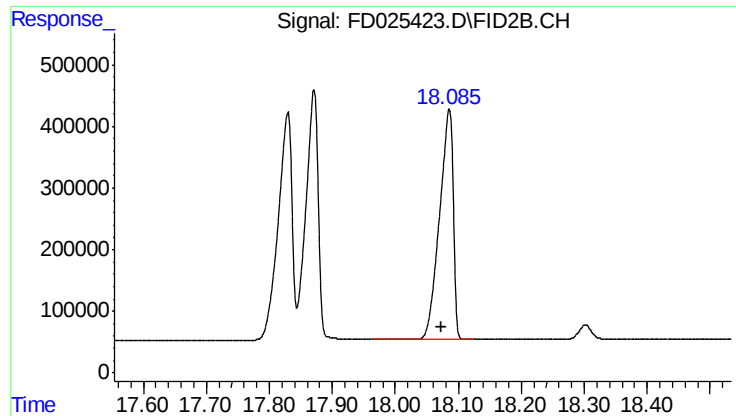
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: 0.008 min
Response: 5635971
Conc: 59.74 ug/ml



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

R.T.: 17.871 min
Delta R.T.: 0.005 min
Response: 5486687
Conc: 59.96 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.012 min
Response: 5643778
Conc: 58.26 ug/ml