

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025409.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2018 5:34
 Operator : AJ\SJ
 Sample : AR IDOC SOIL 01
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 03:33:46 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...	7.439	4443198	57.559 ug/ml
Spiked Amount 50.000		Recovery =	115.12%
6) S 2-Fluorobiphenyl (SURR)	8.294	3182468	59.187 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.37%
11) S ortho-Terphenyl (SURR)	11.340	5780510	68.115 ug/ml
Spiked Amount 50.000		Recovery =	136.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	3417578	43.757 ug/ml
2) T Naphthalene (C11.7)	5.772	4359914	50.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.826	4695517	54.612 ug/ml
5) T Acenaphthylene (C15.06)	8.097	4866977	57.300 ug/ml
7) T Acenaphthene (C15.5)	8.394	5080214	57.057 ug/ml
8) T Flouorene (C16.55)	9.174	5291396	59.413 ug/ml
9) T Phenanthrene (C19.36)	10.566	5824045	65.026 ug/ml
10) T Anthracene (C19.43)	10.642	5856302	66.505 ug/ml
12) T Fluoranthene (C21.85)	12.376	6415867	73.024 ug/ml
13) T Pyrene (C20.8)	12.672	6355203	72.318 ug/ml
14) T Benzo[a]anthracene (C...	14.544	6624563	79.430 ug/ml
15) T Chrysene (C27.41)	14.588	6549627	77.748 ug/ml
16) T benzo[b]fluoranthene ...	16.092	6714982	74.636 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	6625484	73.589 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	6646054	72.205 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	6647435	70.458 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	6438660	70.358 ug/ml
21) T Benzo[g,h,i]perylene ...	18.093	6677595	68.931 ug/ml

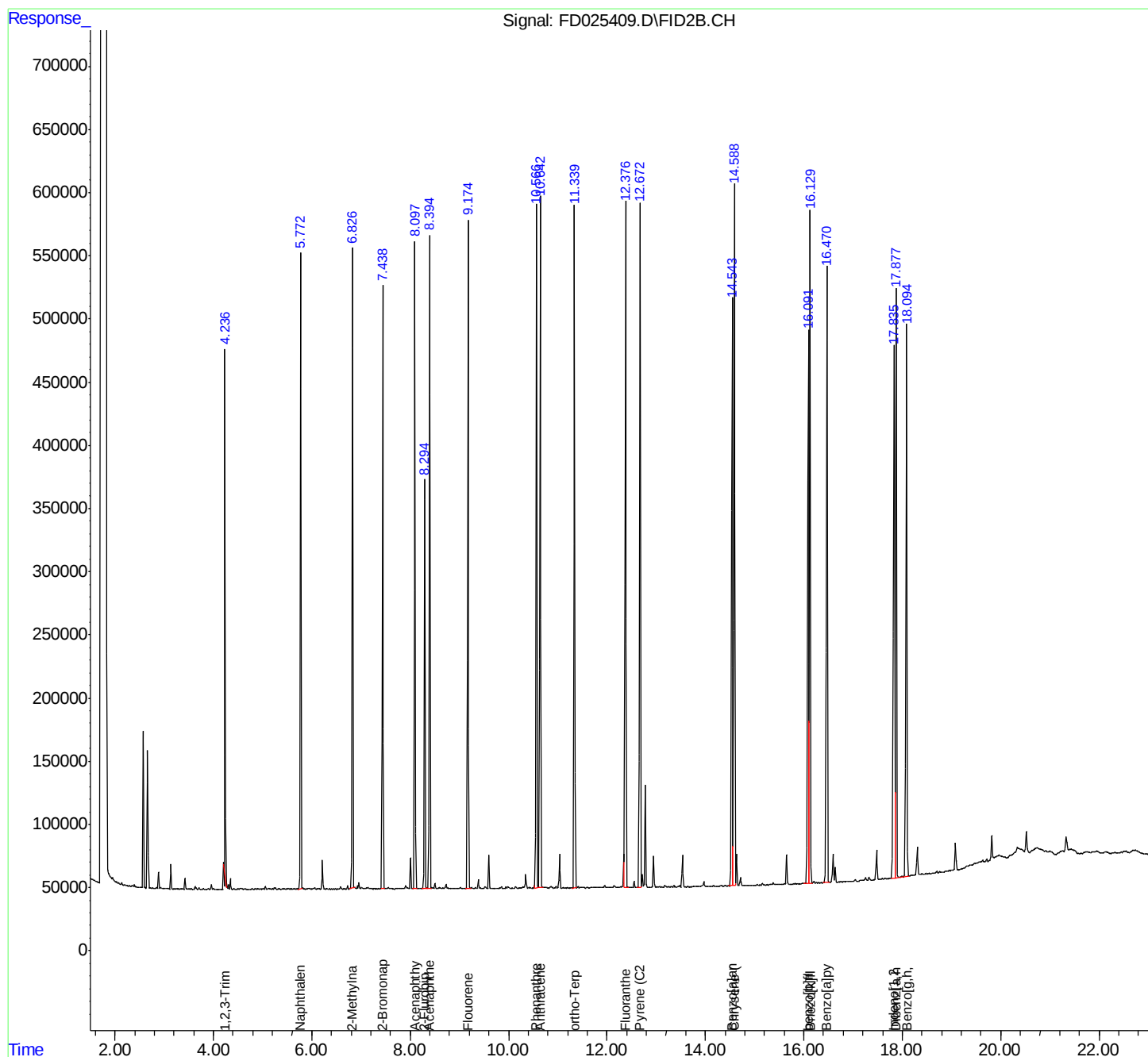
(f)=RT Delta > 1/2 Window

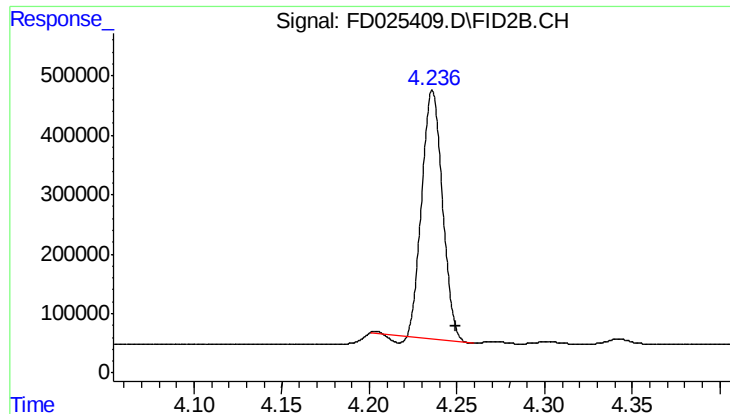
(m)=manual int.

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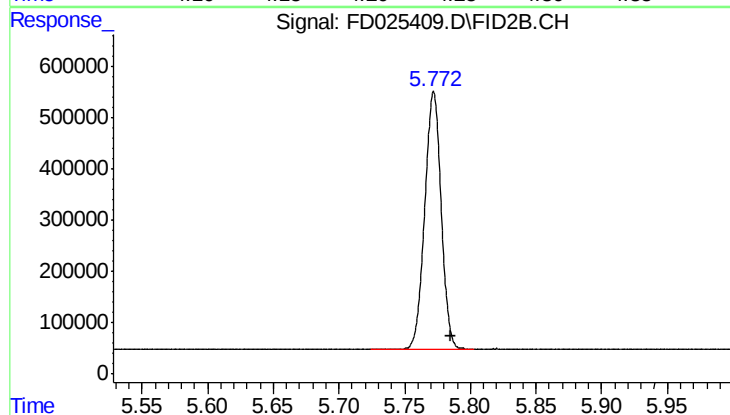
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Signal Phase : Rxi-1ms
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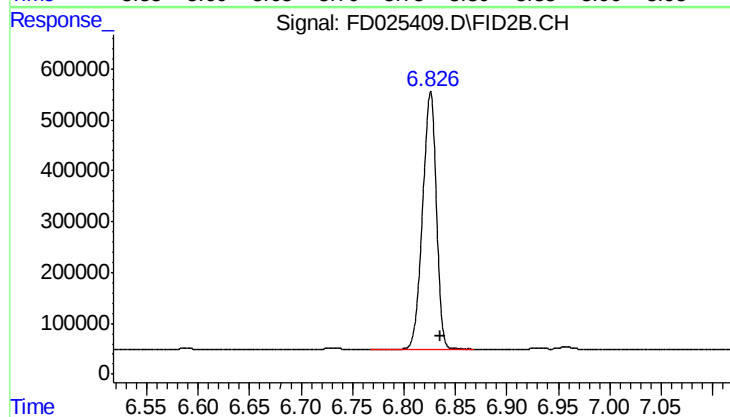
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 3417578
Conc: 43.76 ug/ml



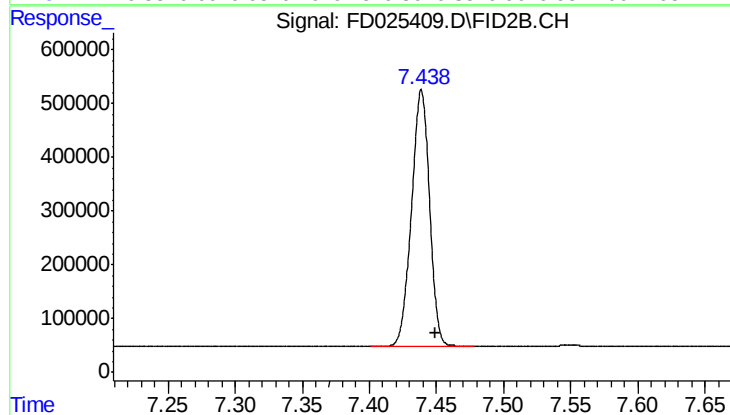
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.013 min
Response: 4359914
Conc: 50.61 ug/ml



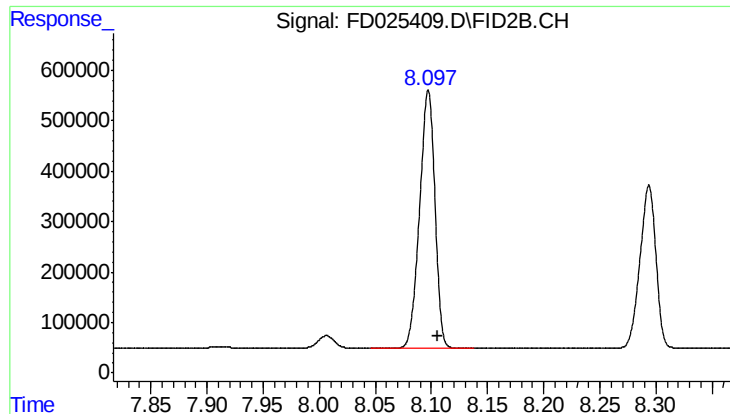
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 4695517
Conc: 54.61 ug/ml



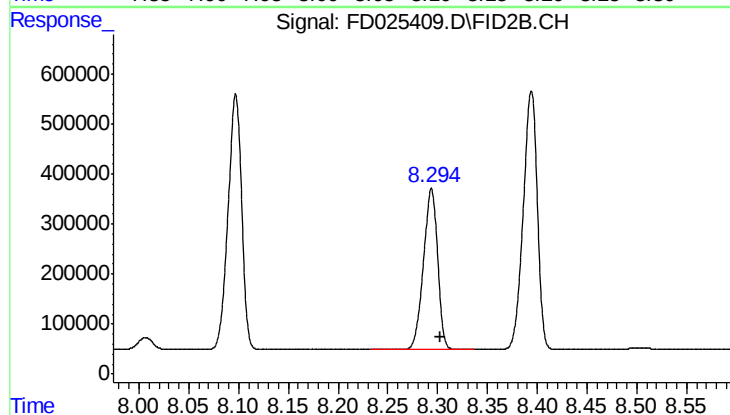
#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.011 min
Response: 4443198
Conc: 57.56 ug/ml



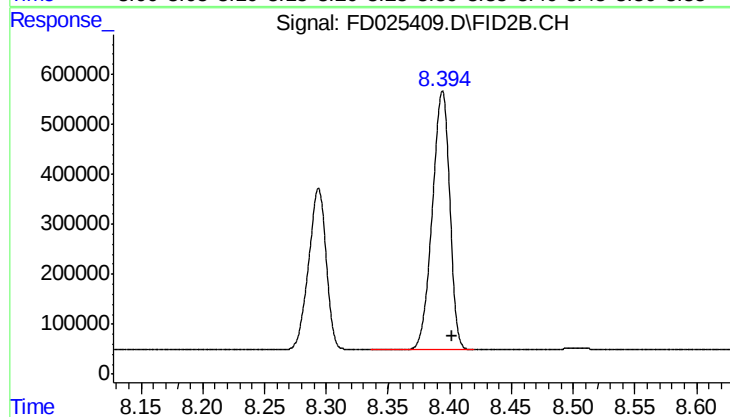
#5 Acenaphthylene (C15.06)

R.T.: 8.097 min
Delta R.T.: -0.009 min
Response: 4866977
Conc: 57.30 ug/ml



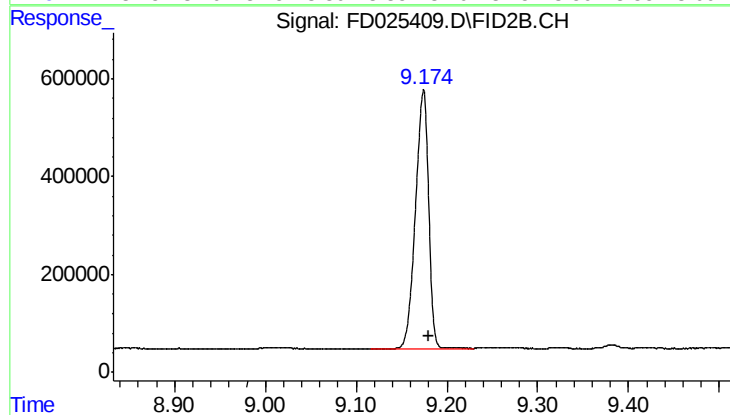
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.294 min
Delta R.T.: -0.009 min
Response: 3182468
Conc: 59.19 ug/ml



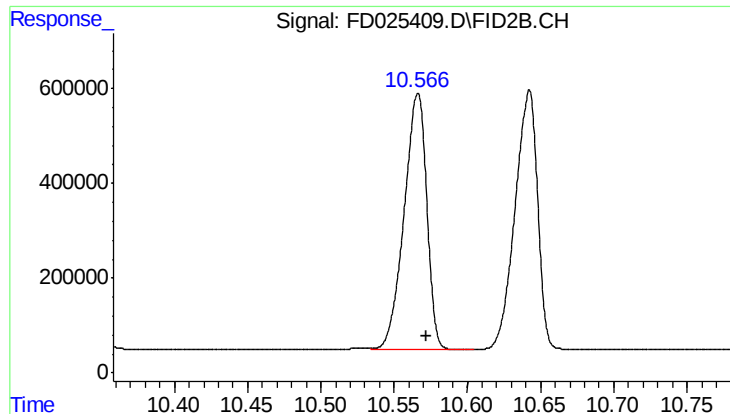
#7 Acenaphthene (C15.5)

R.T.: 8.394 min
Delta R.T.: -0.008 min
Response: 5080214
Conc: 57.06 ug/ml



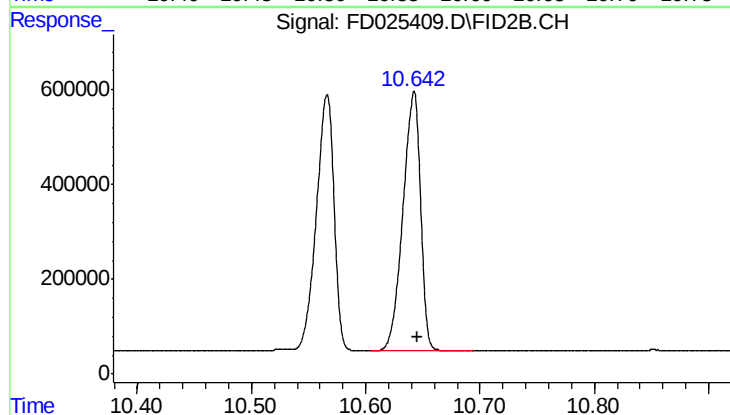
#8 Fluorene (C16.55)

R.T.: 9.174 min
Delta R.T.: -0.007 min
Response: 5291396
Conc: 59.41 ug/ml



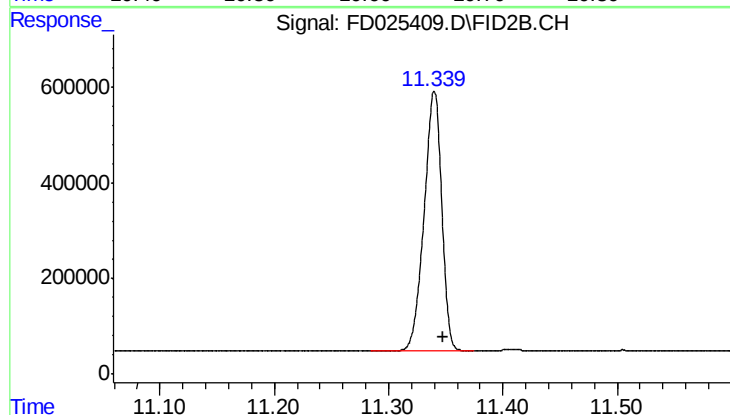
#9 Phenanthrene (C19.36)

R.T.: 10.566 min
Delta R.T.: -0.006 min
Response: 5824045
Conc: 65.03 ug/ml



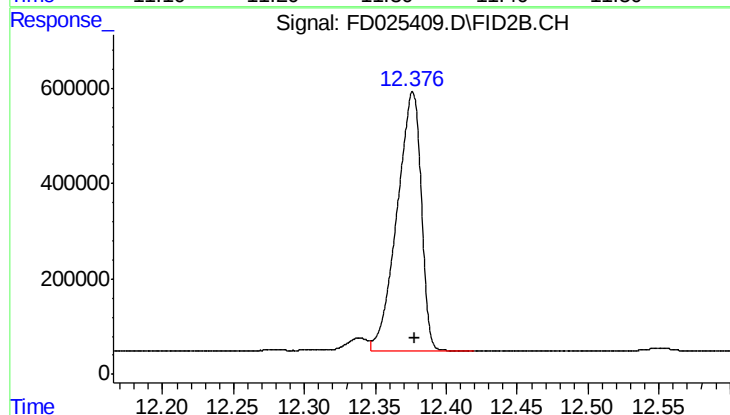
#10 Anthracene (C19.43)

R.T.: 10.642 min
Delta R.T.: -0.003 min
Response: 5856302
Conc: 66.51 ug/ml



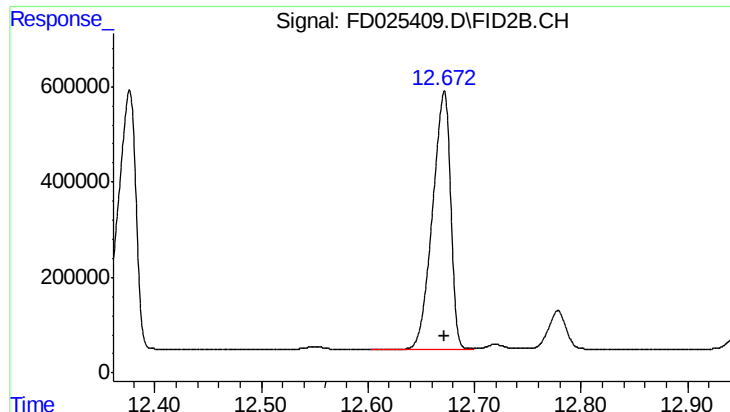
#11 ortho-Terphenyl (SURRE)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 5780510
Conc: 68.12 ug/ml



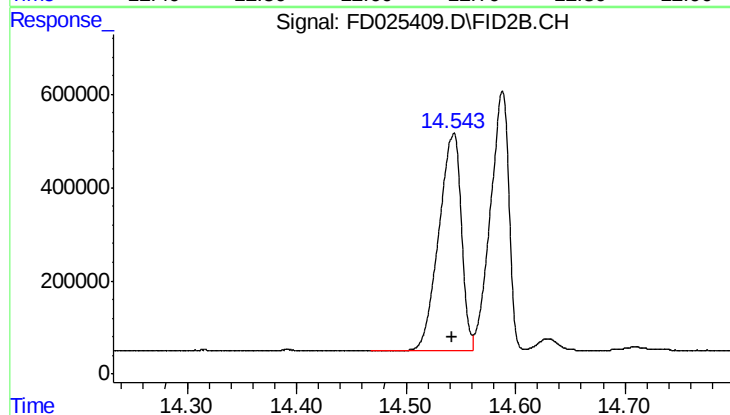
#12 Fluoranthene (C21.85)

R.T.: 12.376 min
Delta R.T.: -0.001 min
Response: 6415867
Conc: 73.02 ug/ml



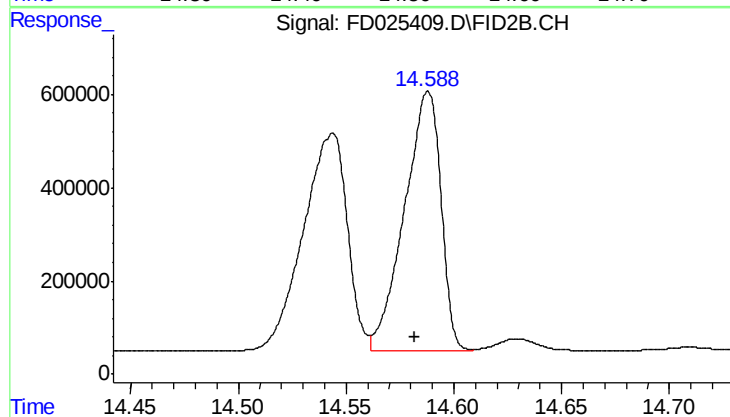
#13 Pyrene (C20.8)

R.T.: 12.672 min
Delta R.T.: 0.000 min
Response: 6355203
Conc: 72.32 ug/ml



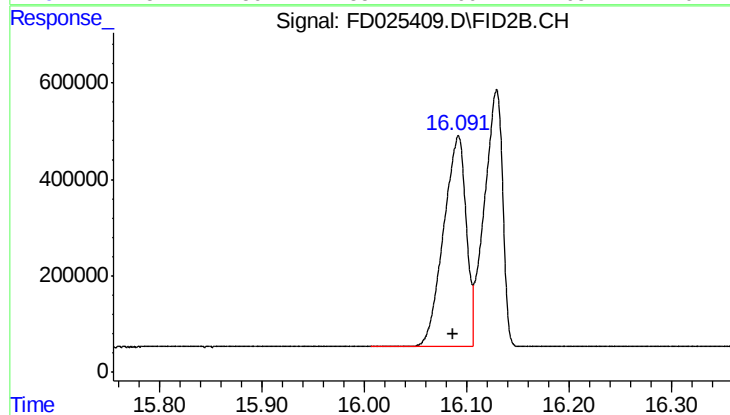
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.002 min
Response: 6624563
Conc: 79.43 ug/ml



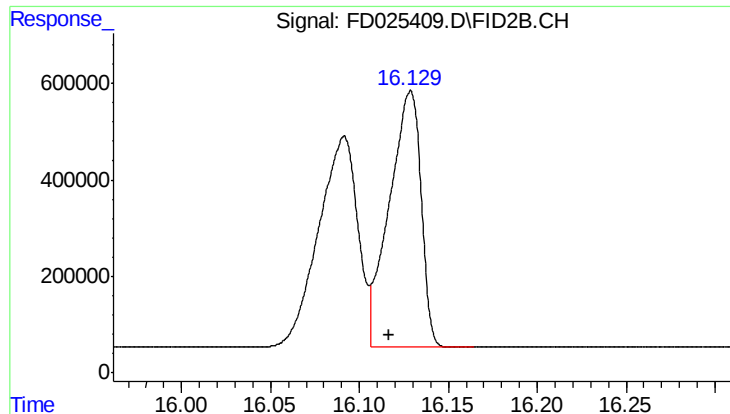
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.006 min
Response: 6549627
Conc: 77.75 ug/ml



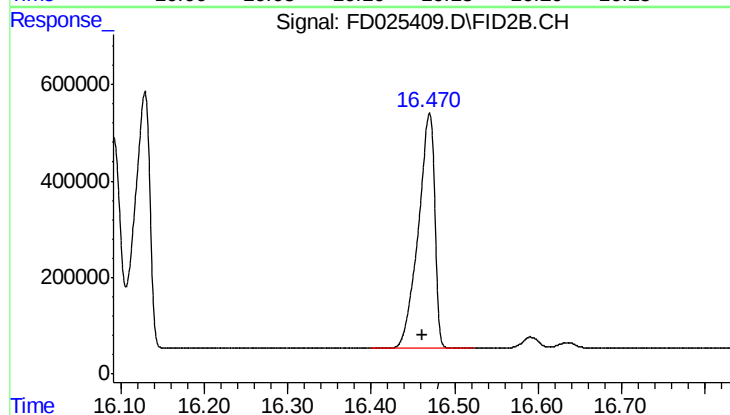
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.092 min
Delta R.T.: 0.005 min
Response: 6714982
Conc: 74.64 ug/ml



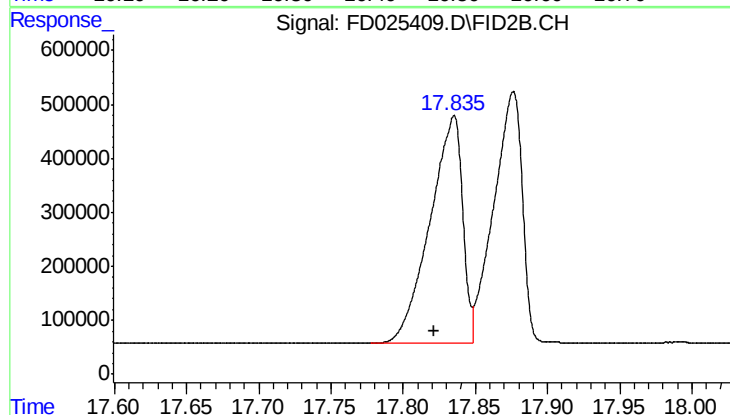
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.012 min
Response: 6625484
Conc: 73.59 ug/ml



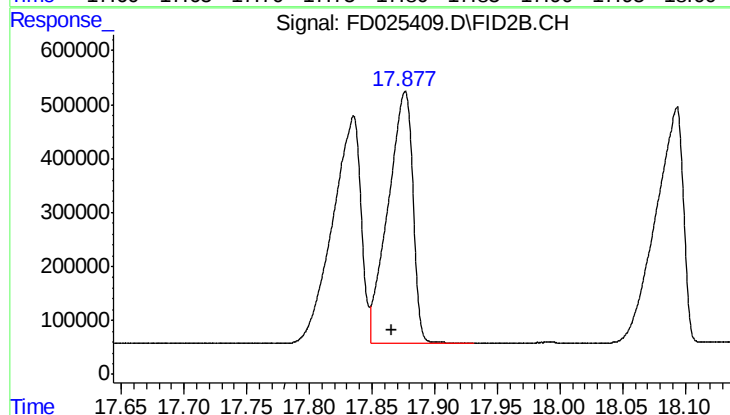
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: 0.009 min
Response: 6646054
Conc: 72.20 ug/ml



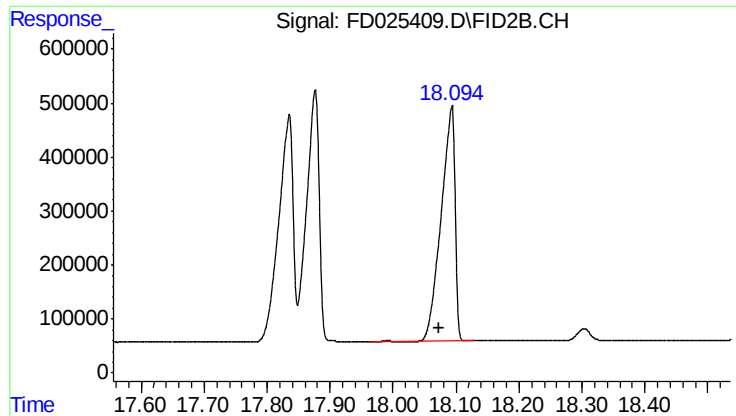
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.013 min
Response: 6647435
Conc: 70.46 ug/ml



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

R.T.: 17.876 min
Delta R.T.: 0.010 min
Response: 6438660
Conc: 70.36 ug/ml



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

R.T.: 18.093 min
Delta R.T.: 0.019 min
Response: 6677595
Conc: 68.93 ug/ml