

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047411.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2024 20:01
 Operator : YP/AJ
 Sample : P1814-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-6MSD

Integration File: autoint1.e
 Quant Time: Mar 22 03:28:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

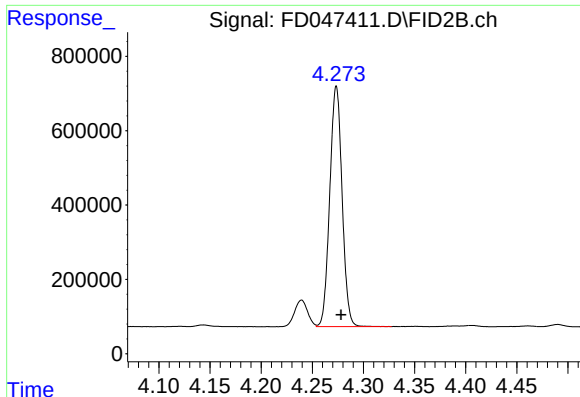
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.454	7297568	44.184 ug/ml
Spiked Amount 50.000		Recovery =	88.37%
6) S 2-Fluorobiphenyl (SURR)	8.306	4650001	43.701 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.40%
11) S ortho-Terphenyl (SURR)	11.341	6875086	36.839 ug/ml
Spiked Amount 50.000		Recovery =	73.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	5425464	30.528 ug/ml
2) T Naphthalene (C11.7)	5.795	6170773	33.837 ug/ml
3) T 2-Methylnaphthalene (...)	6.842	6363165	34.890 ug/ml
5) T Acenaphthylene (C15.06)	8.110	6644271	39.853 ug/ml
7) T Acenaphthene (C15.5)	8.405	6625267	37.605 ug/ml
8) T Fluorene (C16.55)	9.183	6867503	40.769 ug/ml
9) T Phenanthrene (C19.36)	10.570	7013303	43.305 ug/ml
10) T Anthracene (C19.43)	10.646	6876462	46.725 ug/ml
12) T Fluoranthene (C21.85)	12.372	7037053	44.141 ug/ml
13) T Pyrene (C20.8)	12.666	7071741	45.710 ug/ml
14) T Benzo[a]anthracene (C...	14.528	6550870	48.324 ug/ml
15) T Chrysene (C27.41)	14.572	6656459	44.841 ug/ml
16) T benzo[b]fluoranthene ...	16.070	6214002	44.265 ug/ml
17) T Bnezo[k]fluoranthene ...	16.104	6322412	44.646 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.445	6006562	43.482 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.804	6233346	49.874 ug/ml
20) T Dibenz[a,h]anthracene...	17.844	6144989	46.597 ug/ml
21) T Benzo[g,h,i]perylene ...	18.056	5615687	41.795 ug/ml

(f)=RT Delta > 1/2 Window

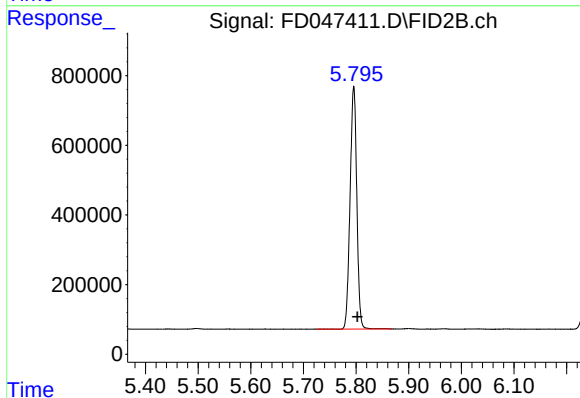
(m)=manual int.



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

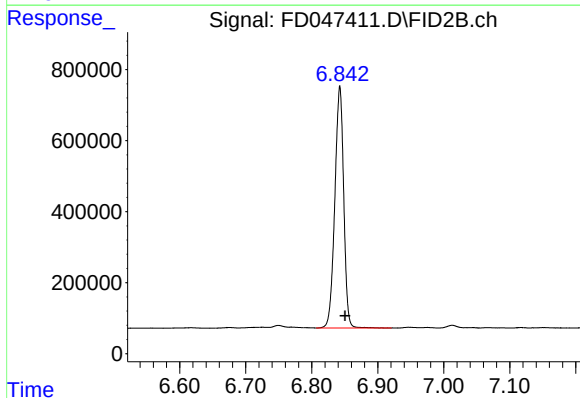
R.T.: 4.274 min
Delta R.T.: -0.004 min
Response: 5425464
Conc: 30.53 ug/ml

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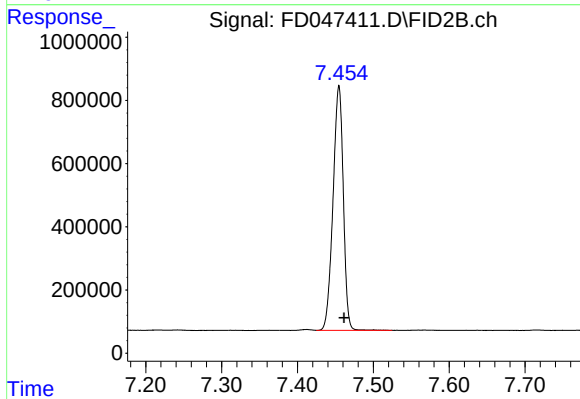
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.007 min
Response: 6170773
Conc: 33.84 ug/ml



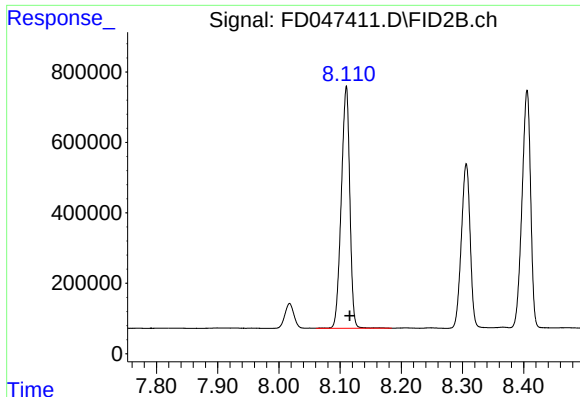
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.842 min
Delta R.T.: -0.008 min
Response: 6363165
Conc: 34.89 ug/ml



#4 2-Bromonaphthalene (SURR)

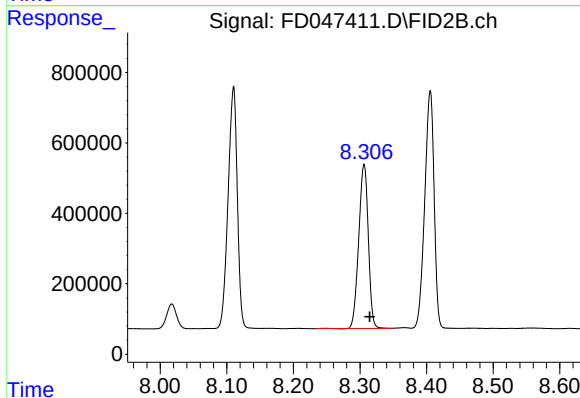
R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 7297568
Conc: 44.18 ug/ml



#5 Acenaphthylene (C15.06)

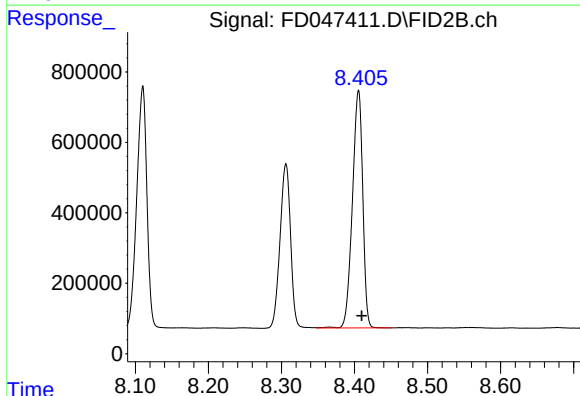
R.T.: 8.110 min
Delta R.T.: -0.006 min
Response: 6644271
Conc: 39.85 ug/ml

Instrument :
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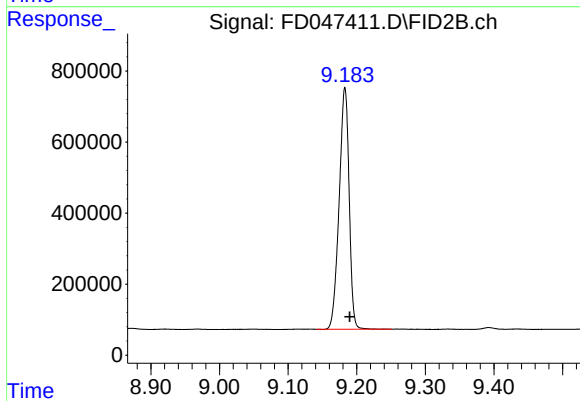
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.306 min
Delta R.T.: -0.009 min
Response: 4650001
Conc: 43.70 ug/ml



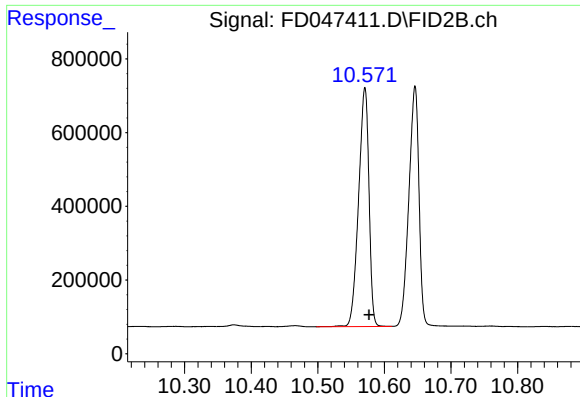
#7 Acenaphthene (C15.5)

R.T.: 8.405 min
Delta R.T.: -0.005 min
Response: 6625267
Conc: 37.60 ug/ml



#8 Fluorene (C16.55)

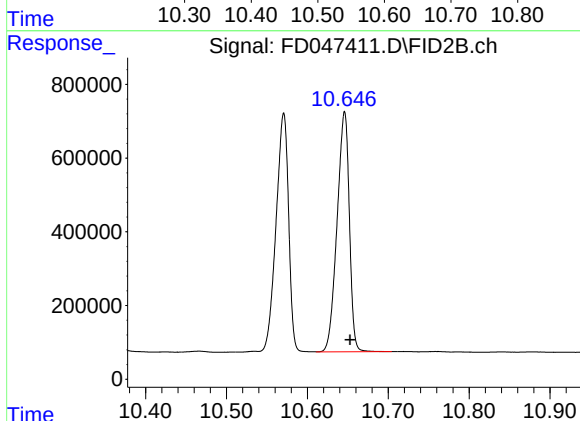
R.T.: 9.183 min
Delta R.T.: -0.007 min
Response: 6867503
Conc: 40.77 ug/ml



#9 Phenanthrene (C19.36)

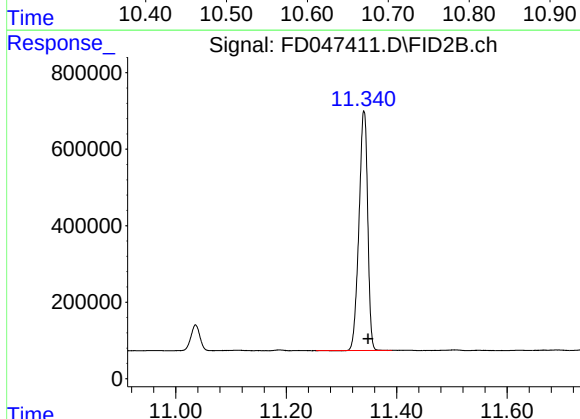
R.T.: 10.570 min
Delta R.T.: -0.007 min
Response: 7013303
Conc: 43.30 ug/ml

Instrument :
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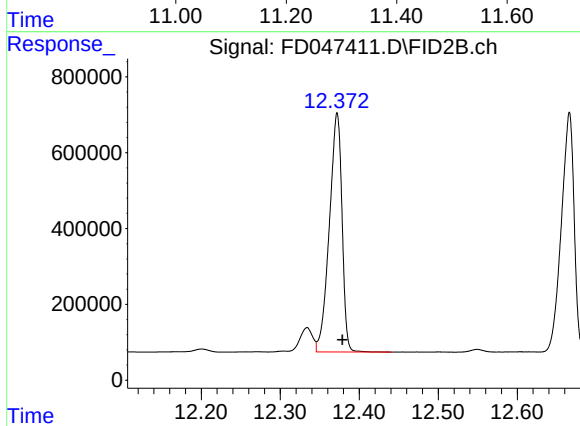
#10 Anthracene (C19.43)

R.T.: 10.646 min
Delta R.T.: -0.007 min
Response: 6876462
Conc: 46.72 ug/ml



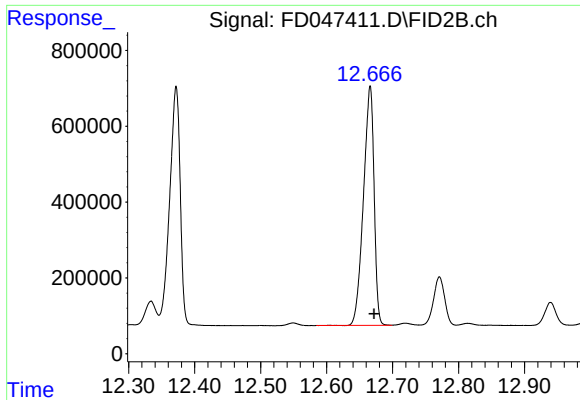
#11 ortho-Terphenyl (SURR)

R.T.: 11.341 min
Delta R.T.: -0.007 min
Response: 6875086
Conc: 36.84 ug/ml



#12 Fluoranthene (C21.85)

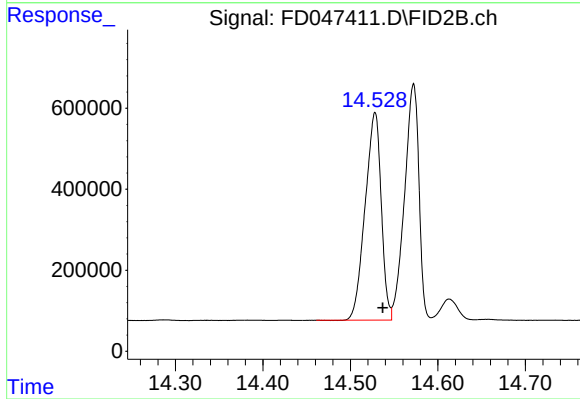
R.T.: 12.372 min
Delta R.T.: -0.007 min
Response: 7037053
Conc: 44.14 ug/ml



#13 Pyrene (C20.8)

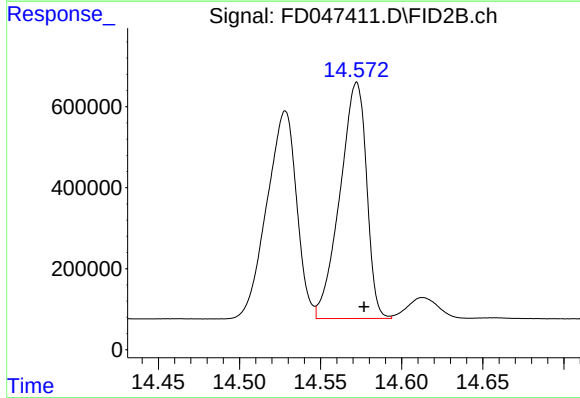
R.T.: 12.666 min
Delta R.T.: -0.007 min
Response: 7071741
Conc: 45.71 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-6MSD



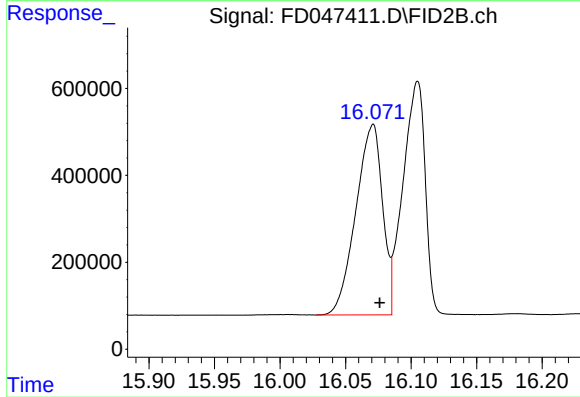
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.528 min
Delta R.T.: -0.009 min
Response: 6550870
Conc: 48.32 ug/ml



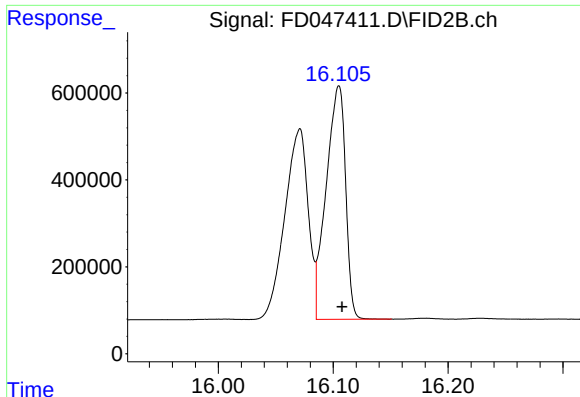
#15 Chrysene (C27.41)

R.T.: 14.572 min
Delta R.T.: -0.005 min
Response: 6656459
Conc: 44.84 ug/ml



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

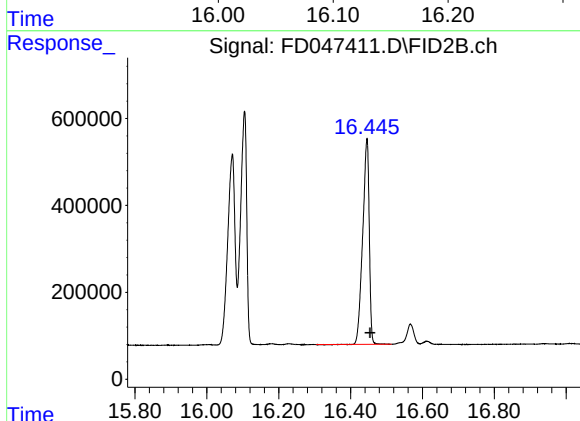
R.T.: 16.070 min
Delta R.T.: -0.006 min
Response: 6214002
Conc: 44.27 ug/ml



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

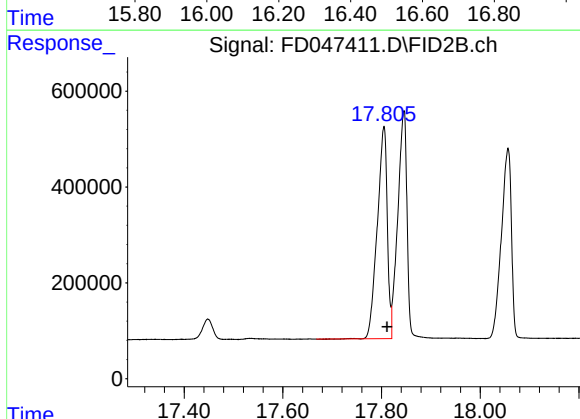
R.T.: 16.104 min
Delta R.T.: -0.004 min
Response: 6322412
Conc: 44.65 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-6MSD



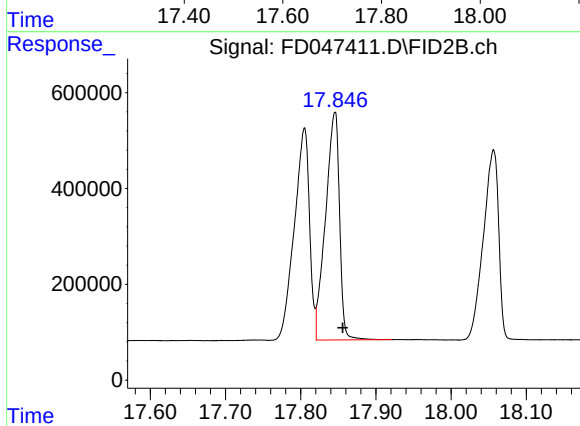
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: -0.010 min
Response: 6006562
Conc: 43.48 ug/ml



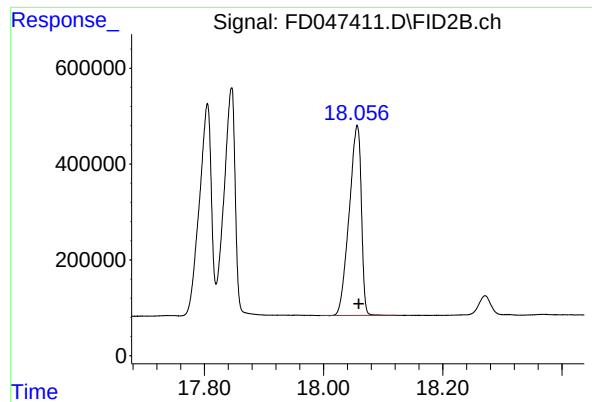
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.804 min
Delta R.T.: -0.007 min
Response: 6233346
Conc: 49.87 ug/ml



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

R.T.: 17.844 min
Delta R.T.: -0.011 min
Response: 6144989
Conc: 46.60 ug/ml



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

R.T.: 18.056 min
Delta R.T.: -0.003 min
Response: 5615687
Conc: 41.80 ug/ml

Instrument :

FID_D

ClientSampleId :

TP-6MSD