

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083024AR\
 Data File : FD048253.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2024 08:34
 Operator : YP/AJ
 Sample : P3751-05DL 2X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 02:52:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 2024
 Response via : Initial Calibration
 Integrator: ChemStation

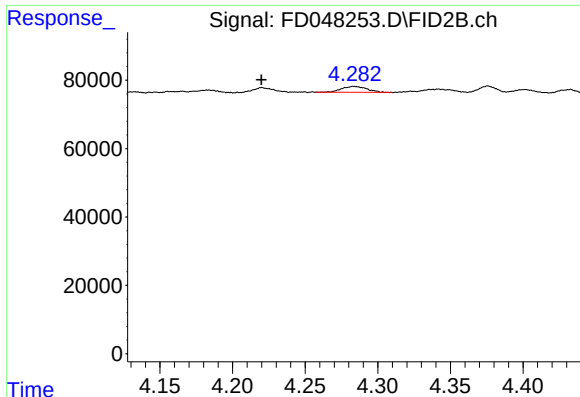
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.392	4058567	27.191 ug/ml
Spiked Amount 50.000		Recovery =	54.38%
6) S 2-Fluorobiphenyl (SURR)	8.243	2537102	26.506 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.01%
11) S ortho-Terphenyl (SURR)	11.278	3479391	20.656 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284f	20563	0.121 ug/ml
2) T Naphthalene (C11.7)	5.736	455152	2.612 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	153499	0.883 ug/ml
5) T Acenaphthylene (C15.06)	8.050	98088	0.570 ug/ml
7) T Acenaphthene (C15.5)	8.341	37586	0.217 ug/ml
8) T Flouorene (C16.55)	9.134	54157	0.328 ug/ml
9) T Phenanthrene (C19.36)	10.511	169582	1.060 ug/ml
10) T Anthracene (C19.43)	10.597	51642	0.329 ug/ml
12) T Fluoranthene (C21.85)	12.317	251283	1.578 ug/ml
13) T Pyrene (C20.8)	12.616	736678	4.694 ug/ml
14) T Benzo[a]anthracene (C...	14.476	56056	0.398 ug/ml
15) T Chrysene (C27.41)	14.515	281246	1.764 ug/ml
16) T benzo[b]fluoranthene ...	16.035	335335	2.259 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	335335	2.260 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.410	50469	0.343 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	353677	2.893 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	181144	1.186 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	1302778	8.627 ug/ml

(f)=RT Delta > 1/2 Window

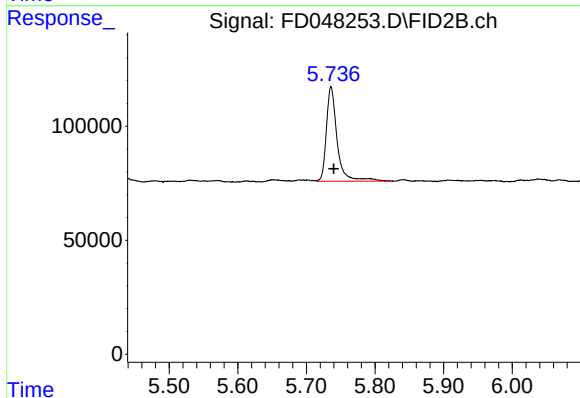
(m)=manual int.



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

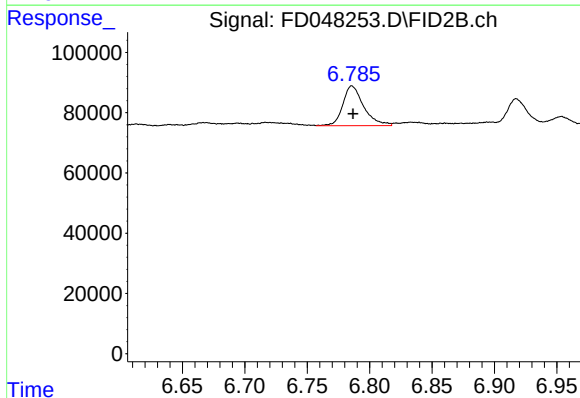
R.T.: 4.284 min
Delta R.T.: 0.064 min
Response: 20563
Conc: 0.12 ug/ml

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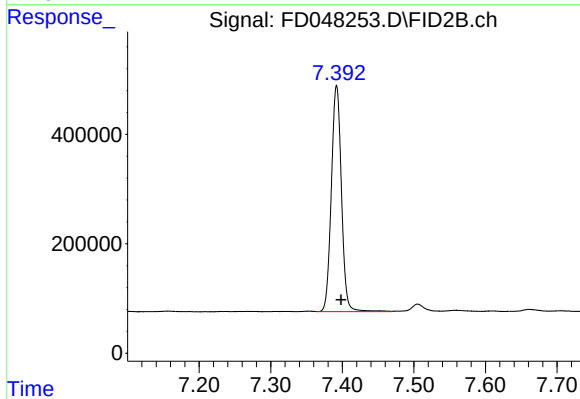
#2 Naphthalene (C11.7)

R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 455152
Conc: 2.61 ug/ml



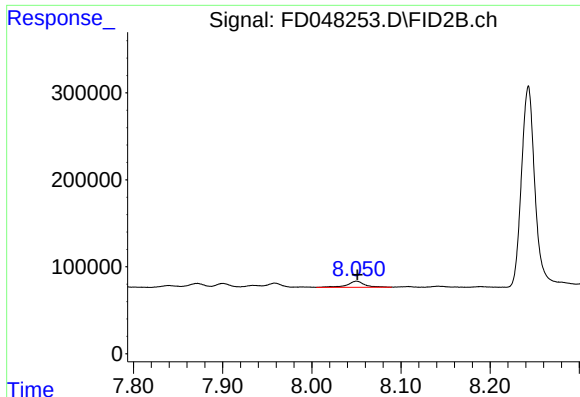
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 153499
Conc: 0.88 ug/ml



#4 2-Bromonaphthalene (SURR)

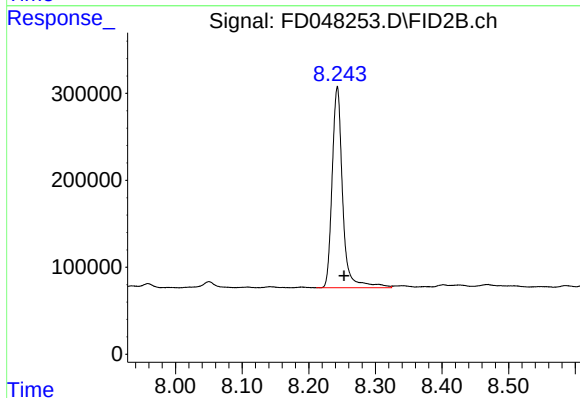
R.T.: 7.392 min
Delta R.T.: -0.007 min
Response: 4058567
Conc: 27.19 ug/ml



#5 Acenaphthylene (C15.06)

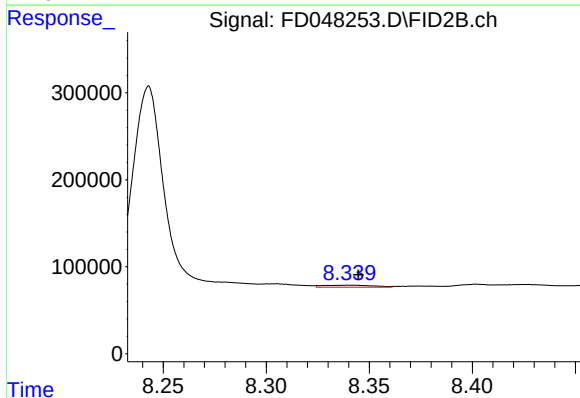
R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 98088
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



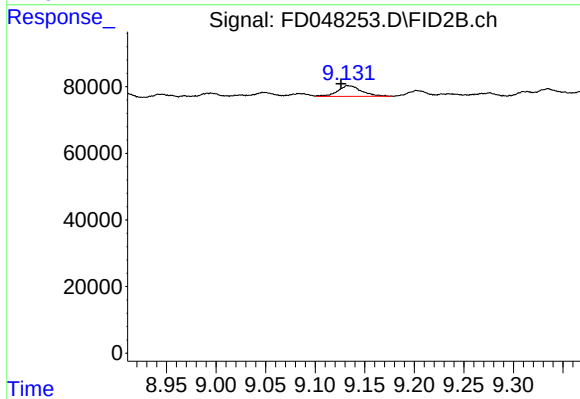
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: -0.010 min
Response: 2537102
Conc: 26.51 ug/ml



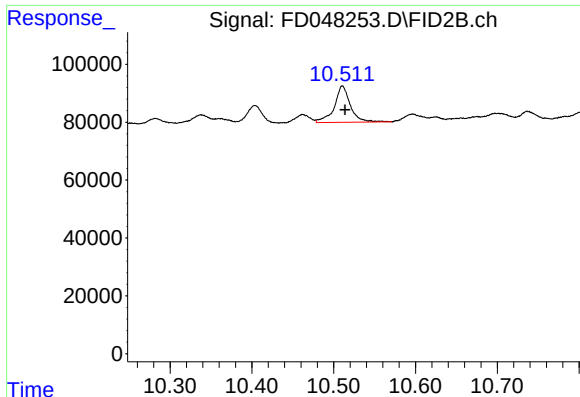
#7 Acenaphthene (C15.5)

R.T.: 8.341 min
Delta R.T.: -0.004 min
Response: 37586
Conc: 0.22 ug/ml



#8 Flouorene (C16.55)

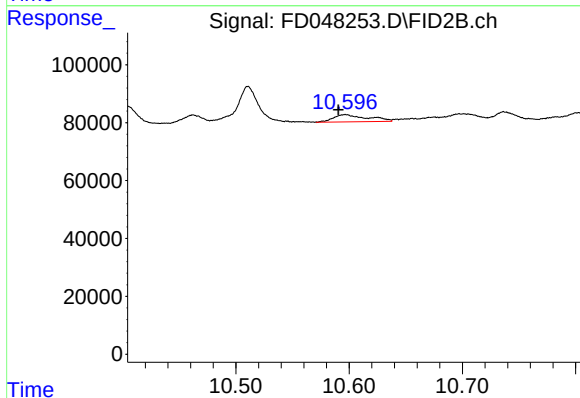
R.T.: 9.134 min
Delta R.T.: 0.008 min
Response: 54157
Conc: 0.33 ug/ml



#9 Phenanthrene (C19.36)

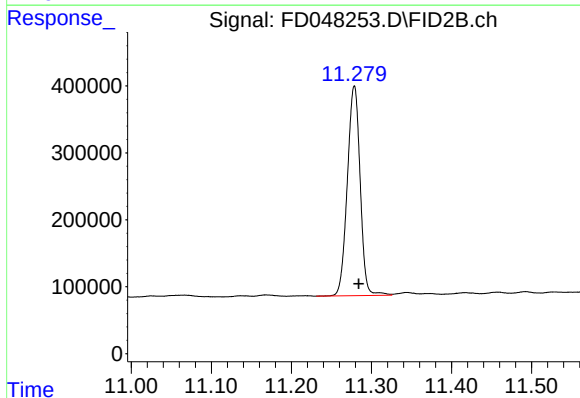
R.T.: 10.511 min
Delta R.T.: -0.003 min
Response: 169582
Conc: 1.06 ug/ml

Instrument :
FID_D
ClientSampleId :



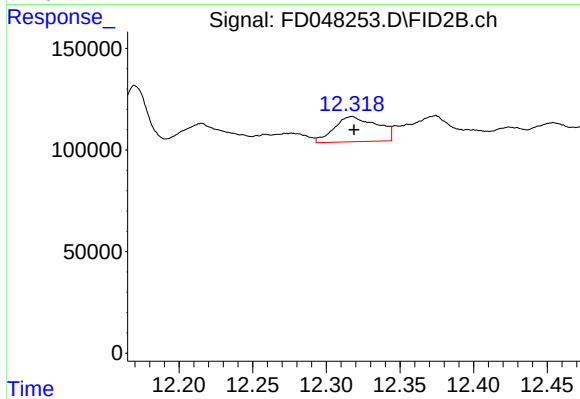
#10 Anthracene (C19.43)

R.T.: 10.597 min
Delta R.T.: 0.006 min
Response: 51642
Conc: 0.33 ug/ml



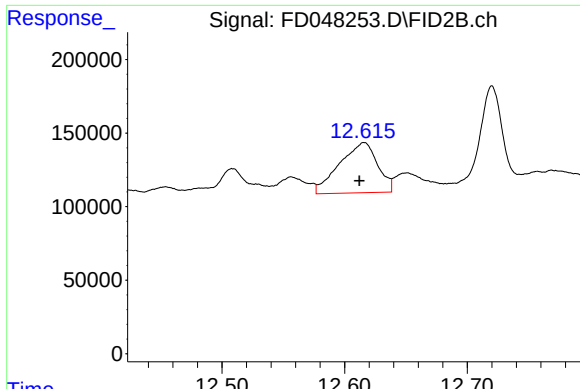
#11 ortho-Terphenyl (SURR)

R.T.: 11.278 min
Delta R.T.: -0.006 min
Response: 3479391
Conc: 20.66 ug/ml



#12 Fluoranthene (C21.85)

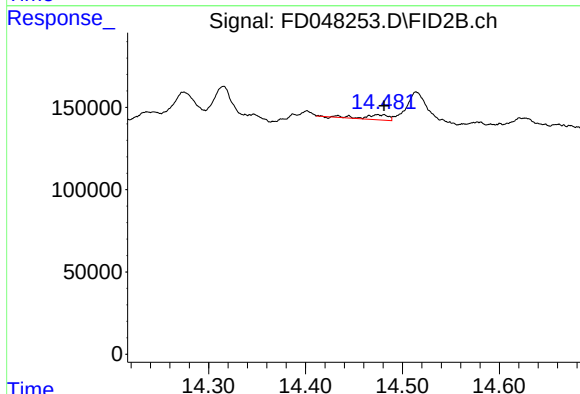
R.T.: 12.317 min
Delta R.T.: -0.002 min
Response: 251283
Conc: 1.58 ug/ml



#13 Pyrene (C20.8)

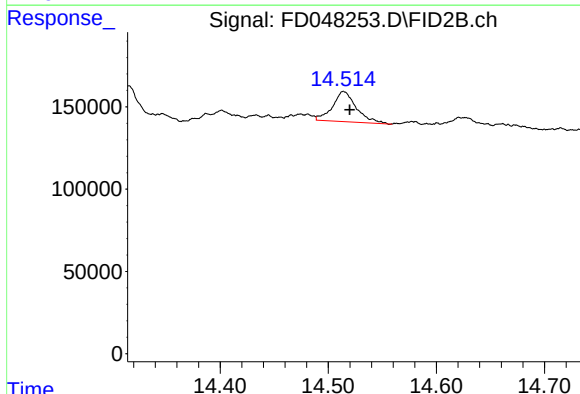
R.T.: 12.616 min
Delta R.T.: 0.004 min
Response: 736678
Conc: 4.69 ug/ml

Instrument :
FID_D
ClientSampleId :



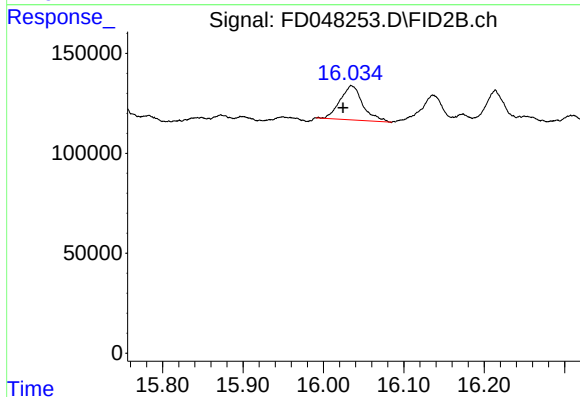
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.476 min
Delta R.T.: -0.005 min
Response: 56056
Conc: 0.40 ug/ml



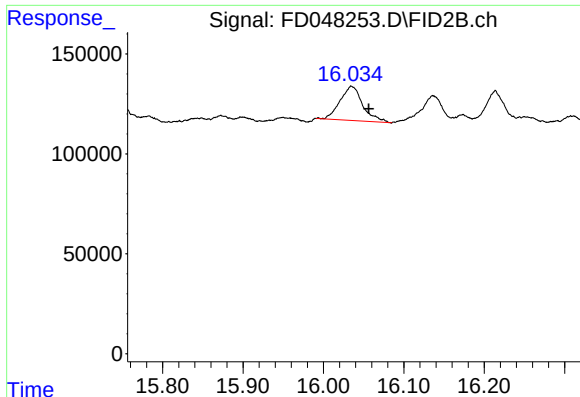
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: -0.005 min
Response: 281246
Conc: 1.76 ug/ml



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

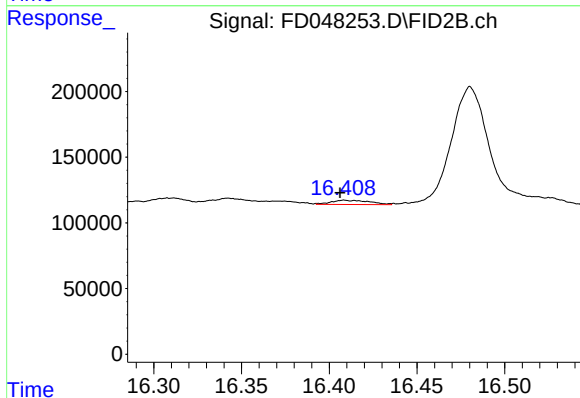
R.T.: 16.035 min
Delta R.T.: 0.011 min
Response: 335335
Conc: 2.26 ug/ml



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

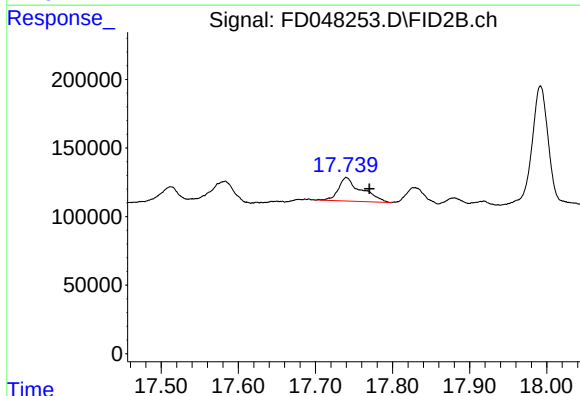
R.T.: 16.035 min
Delta R.T.: -0.021 min
Response: 335335
Conc: 2.26 ug/ml

Instrument :
FID_D
ClientSampleId :



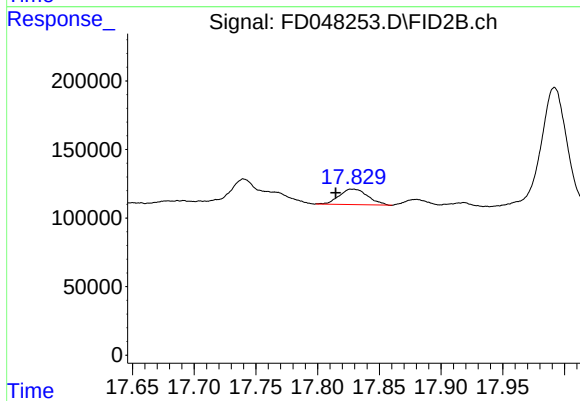
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.410 min
Delta R.T.: 0.004 min
Response: 50469
Conc: 0.34 ug/ml



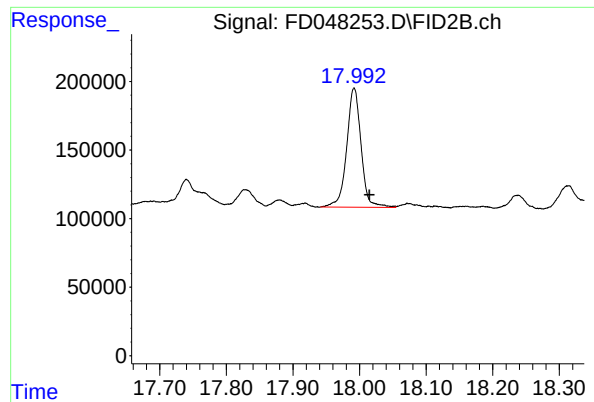
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: -0.030 min
Response: 353677
Conc: 2.89 ug/ml



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

R.T.: 17.829 min
Delta R.T.: 0.014 min
Response: 181144
Conc: 1.19 ug/ml



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

R.T.: 17.992 min
Delta R.T.: -0.023 min
Response: 1302778
Conc: 8.63 ug/ml

Instrument :

FID_D

ClientSampleId :