

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049181.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 09:14
 Operator : YP/AJ
 Sample : PB167056BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167056BS

Integration File: autoint1.e
 Quant Time: Mar 11 14:05:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

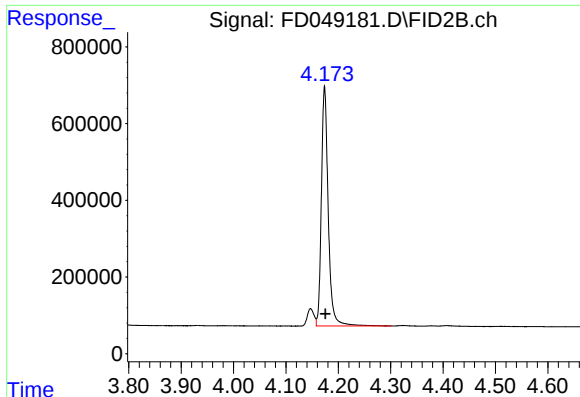
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.349	8348883	54.906 ug/ml
Spiked Amount 50.000		Recovery =	109.81%
6) S 2-Fluorobiphenyl (SURR)	8.200	5252333	65.944 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	131.89%#
11) S ortho-Terphenyl (SURR)	11.233	8030559	45.940 ug/ml
Spiked Amount 50.000		Recovery =	91.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	5679882	34.368 ug/ml
2) T Naphthalene (C11.7)	5.690	6265594	38.153 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	6024633	36.750 ug/ml
5) T Acenaphthylene (C15.06)	8.002	6996114	40.280 ug/ml
7) T Acenaphthene (C15.5)	8.296	7488103	40.004 ug/ml
8) T Flouorene (C16.55)	9.074	7602261	46.965 ug/ml
9) T Phenanthrene (C19.36)	10.463	7783593	49.485 ug/ml
10) T Anthracene (C19.43)	10.539	7833572	51.270 ug/ml
12) T Fluoranthene (C21.85)	12.268	8203760	50.832 ug/ml
13) T Pyrene (C20.8)	12.560	8142639	50.434 ug/ml
14) T Benzo[a]anthracene (C...	14.431	7439335	63.525 ug/ml
15) T Chrysene (C27.41)	14.472	7328857	46.918 ug/ml
16) T benzo[b]fluoranthene ...	15.982	7533173	57.540 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	7903401	48.839 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.355	7181460	52.141 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.724	6160747	63.262 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	7230852	62.118 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	7173702	57.983 ug/ml

(f)=RT Delta > 1/2 Window

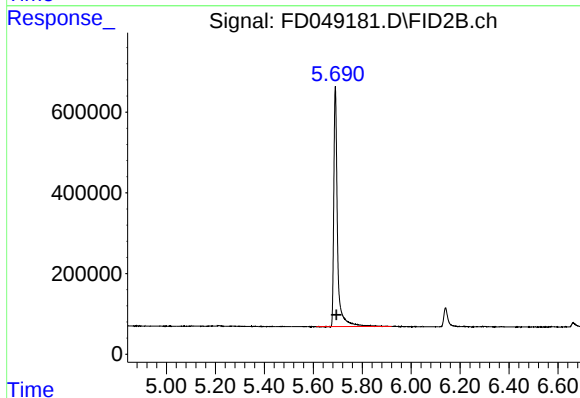
(m)=manual int.



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

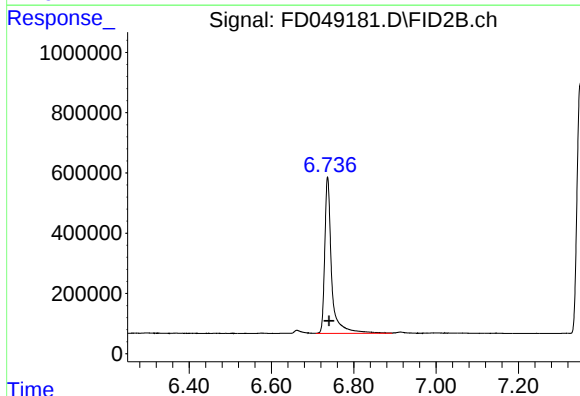
R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 5679882
Conc: 34.37 ug/ml

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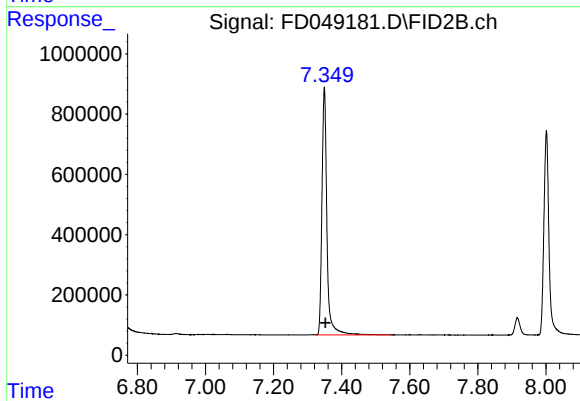
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 6265594
Conc: 38.15 ug/ml



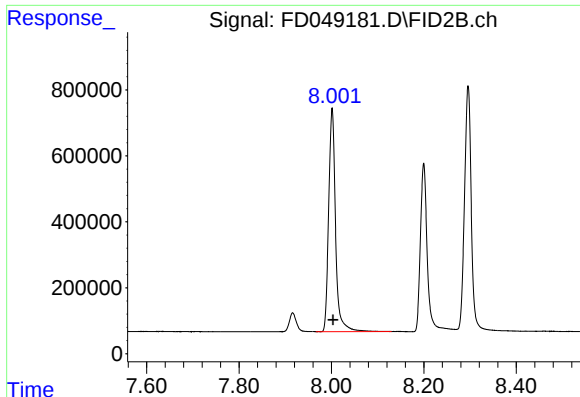
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.003 min
Response: 6024633
Conc: 36.75 ug/ml



#4 2-Bromonaphthalene (SURR)

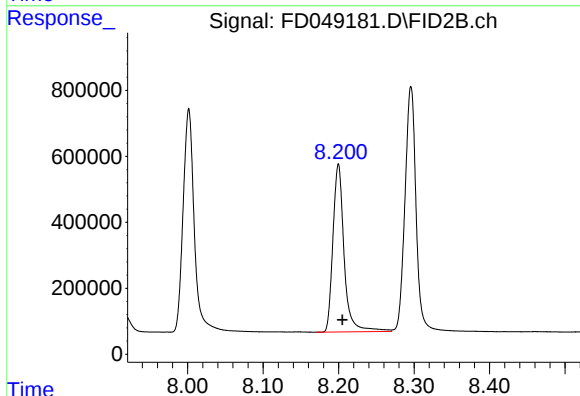
R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 8348883
Conc: 54.91 ug/ml



#5 Acenaphthylene (C15.06)

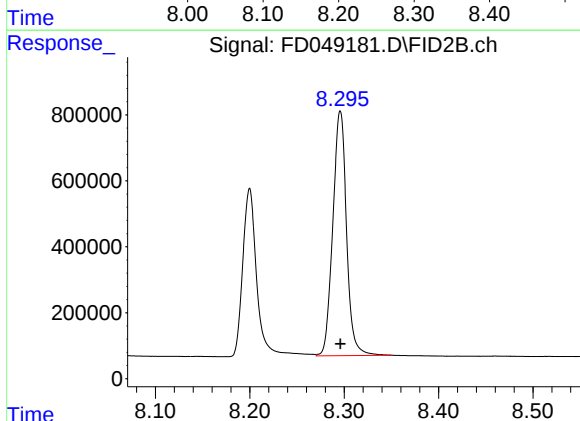
R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 6996114
Conc: 40.28 ug/ml

Instrument :
FID_D
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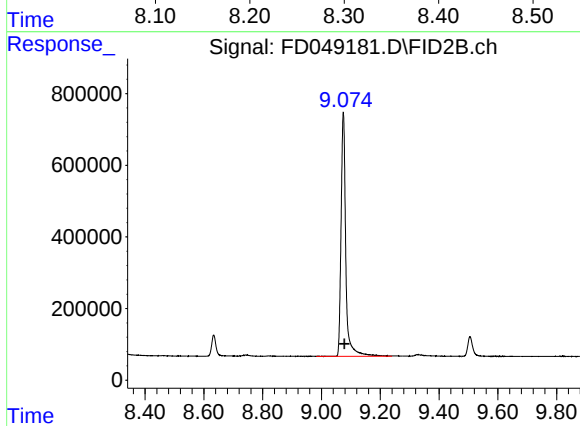
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: -0.005 min
Response: 5252333
Conc: 65.94 ug/ml



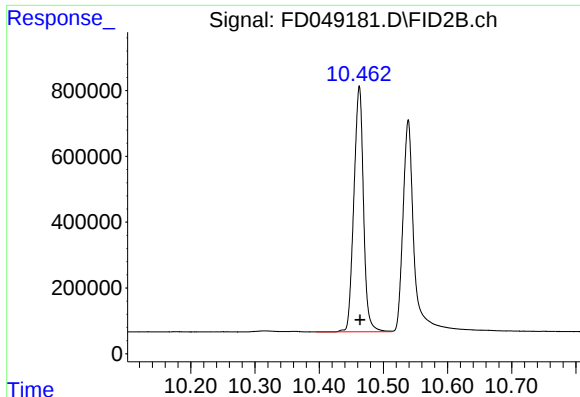
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 7488103
Conc: 40.00 ug/ml



#8 Flouorene (C16.55)

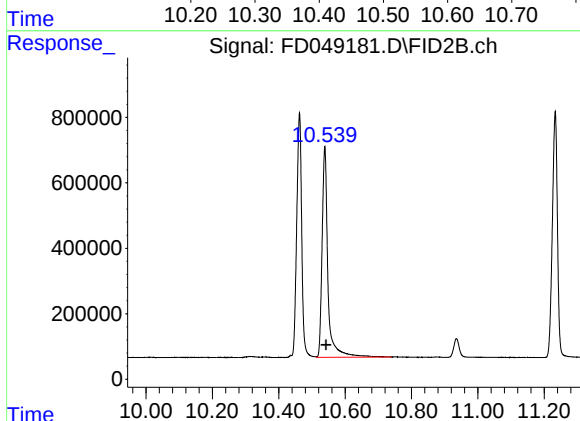
R.T.: 9.074 min
Delta R.T.: -0.003 min
Response: 7602261
Conc: 46.96 ug/ml



#9 Phenanthrene (C19.36)

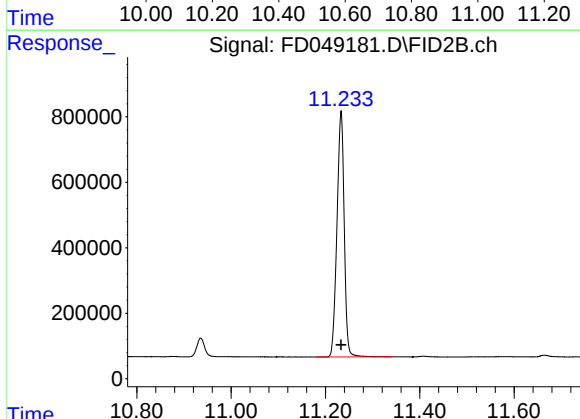
R.T.: 10.463 min
Delta R.T.: -0.001 min
Response: 7783593
Conc: 49.49 ug/ml

Instrument :
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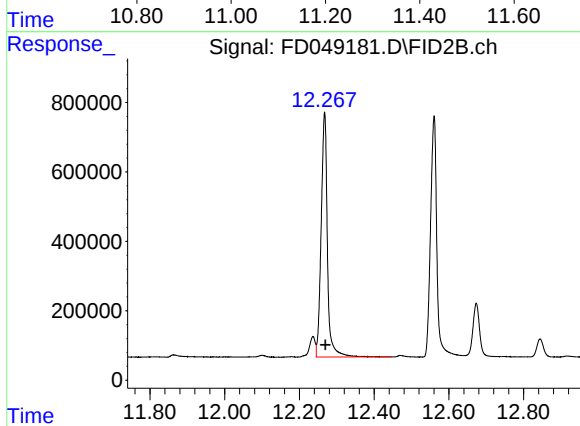
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: -0.004 min
Response: 7833572
Conc: 51.27 ug/ml



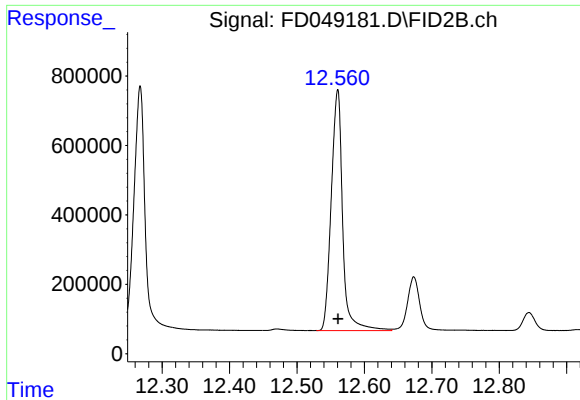
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 8030559
Conc: 45.94 ug/ml



#12 Fluoranthene (C21.85)

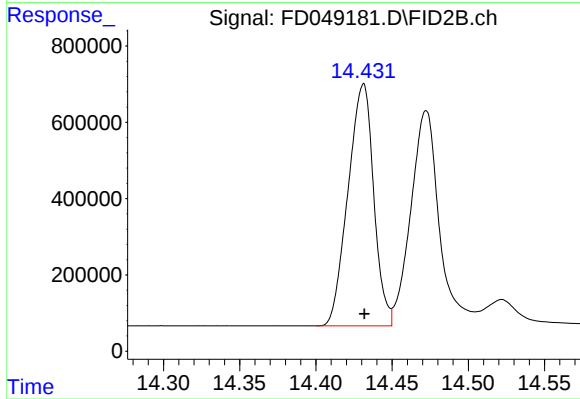
R.T.: 12.268 min
Delta R.T.: -0.002 min
Response: 8203760
Conc: 50.83 ug/ml



#13 Pyrene (C20.8)

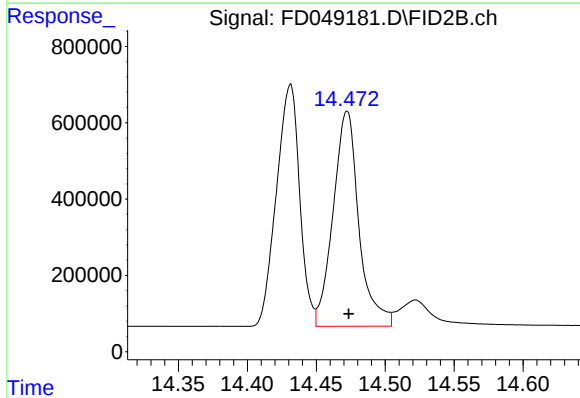
R.T.: 12.560 min
Delta R.T.: 0.000 min
Response: 8142639
Conc: 50.43 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167056BS



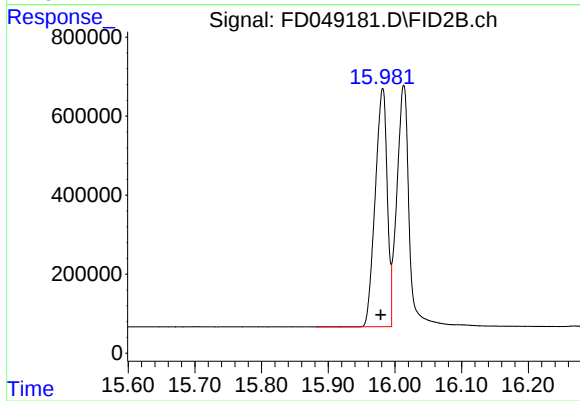
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.000 min
Response: 7439335
Conc: 63.52 ug/ml



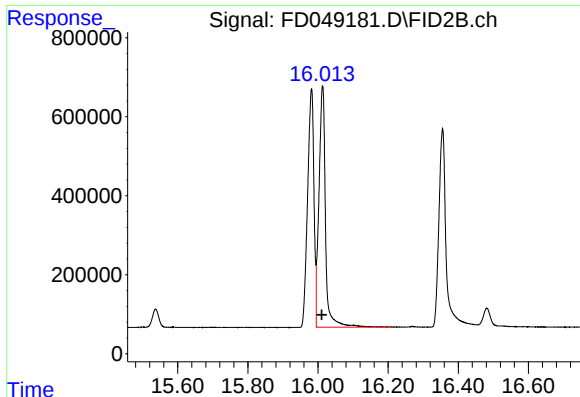
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: -0.001 min
Response: 7328857
Conc: 46.92 ug/ml



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

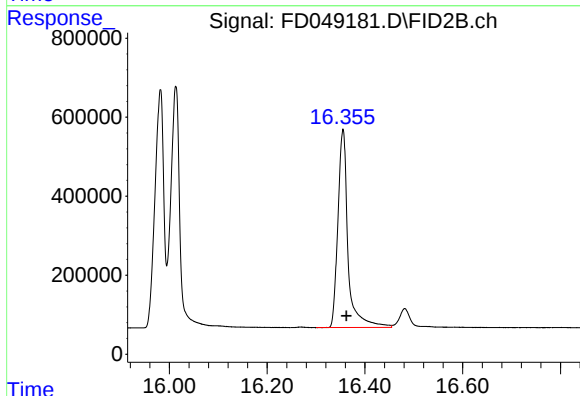
R.T.: 15.982 min
Delta R.T.: 0.003 min
Response: 7533173
Conc: 57.54 ug/ml



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

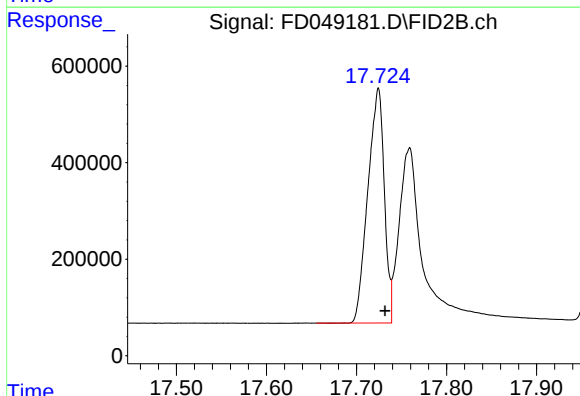
R.T.: 16.013 min
Delta R.T.: 0.002 min
Response: 7903401
Conc: 48.84 ug/ml

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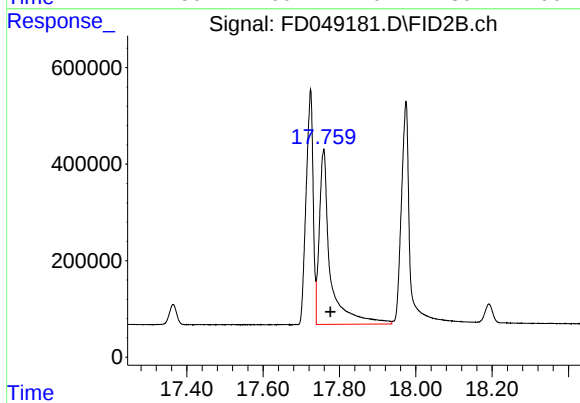
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.355 min
Delta R.T.: -0.007 min
Response: 7181460
Conc: 52.14 ug/ml



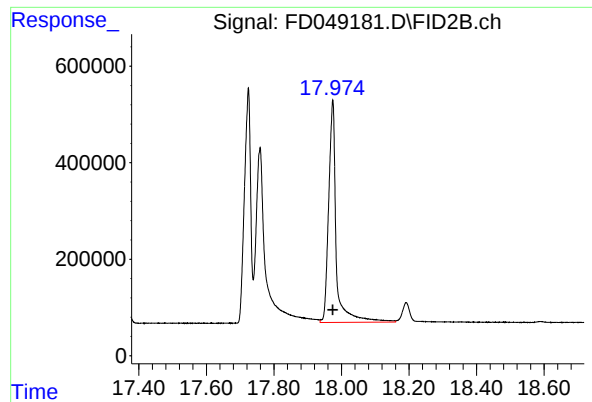
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.724 min
Delta R.T.: -0.007 min
Response: 6160747
Conc: 63.26 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.017 min
Response: 7230852
Conc: 62.12 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.000 min
Response: 7173702
Conc: 57.98 ug/ml

Instrument :

FID_D

ClientSampleId :

PB167056BS