

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049800.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 16:44
 Operator : YP/AJ
 Sample : PB169950BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169950BSD

Integration File: autoint1.e
 Quant Time: Oct 03 06:17:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

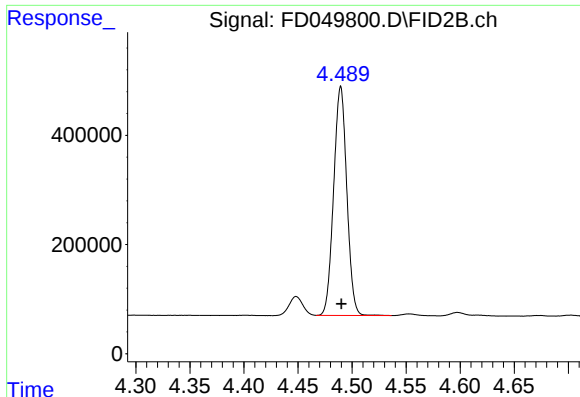
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.697	4468408	37.608 ug/ml
Spiked Amount 50.000		Recovery =	75.22%
6) S 2-Fluorobiphenyl (SURR)	8.561	3191925	37.596 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.19%
11) S ortho-Terphenyl (SURR)	11.609	6285760	42.106 ug/ml
Spiked Amount 50.000		Recovery =	84.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3557849	31.307 ug/ml
2) T Naphthalene (C11.7)	6.032	4424401	33.534 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4426949	31.995 ug/ml
5) T Acenaphthylene (C15.06)	8.365	5366652	36.732 ug/ml
7) T Acenaphthene (C15.5)	8.662	5444955	37.394 ug/ml
8) T Flouorene (C16.55)	9.443	5870522	40.199 ug/ml
9) T Phenanthrene (C19.36)	10.842	6216907	42.529 ug/ml
10) T Anthracene (C19.43)	10.918	5925649	43.605 ug/ml
12) T Fluoranthene (C21.85)	12.658	6419205	45.058 ug/ml
13) T Pyrene (C20.8)	12.956	6432856	45.761 ug/ml
14) T Benzo[a]anthracene (C...	14.828	5982803	47.570 ug/ml
15) T Chrysene (C27.41)	14.872	6537851	50.890 ug/ml
16) T benzo[b]fluoranthene ...	16.379	5785243	46.443 ug/ml
17) T Bnezo[k]fluoranthene ...	16.415	5719620	48.692 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.759	5579962	45.979 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.126	5810897	51.680 ug/ml
20) T Dibenz[a,h]anthracene...	18.164	5494993	44.946 ug/ml
21) T Benzo[g,h,i]perylene ...	18.381	5143802	43.007 ug/ml

(f)=RT Delta > 1/2 Window

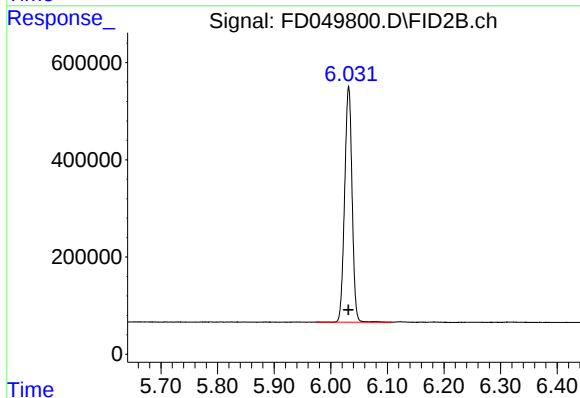
(m)=manual int.



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

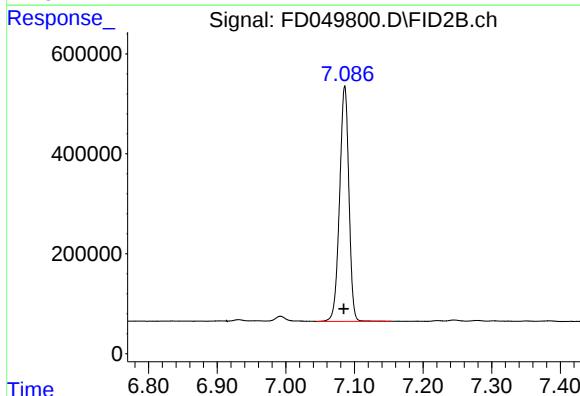
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 3557849
Conc: 31.31 ug/ml

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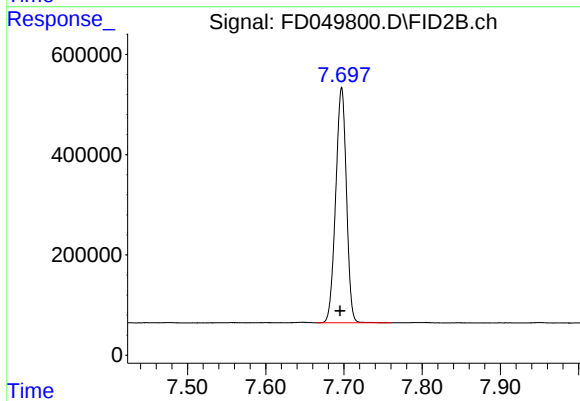
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 4424401
Conc: 33.53 ug/ml



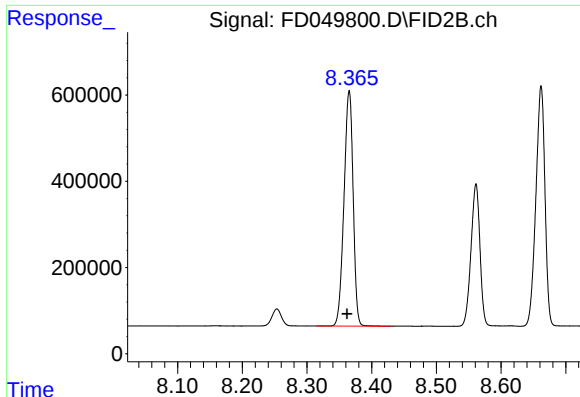
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 4426949
Conc: 32.00 ug/ml



#4 2-Bromonaphthalene (SURR)

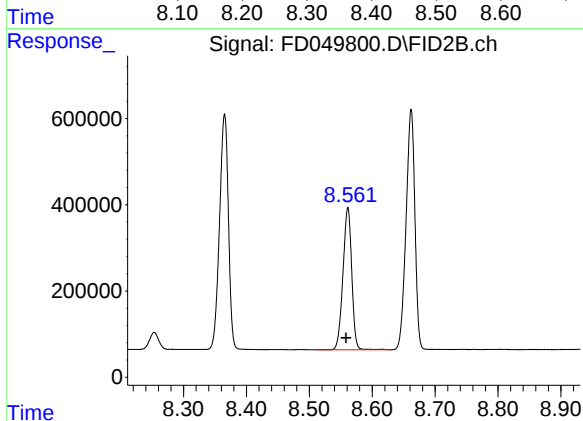
R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 4468408
Conc: 37.61 ug/ml



#5 Acenaphthylene (C15.06)

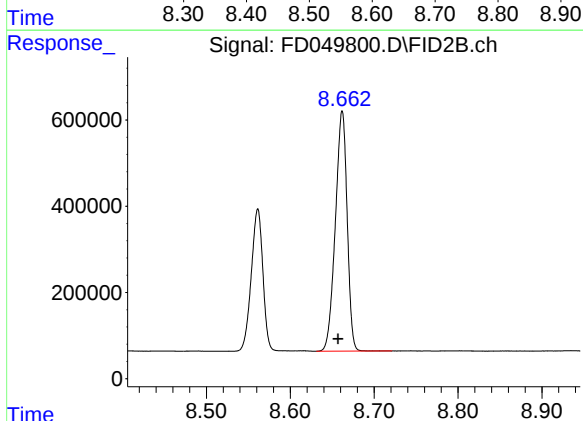
R.T.: 8.365 min
Delta R.T.: 0.003 min
Response: 5366652
Conc: 36.73 ug/ml

Instrument :
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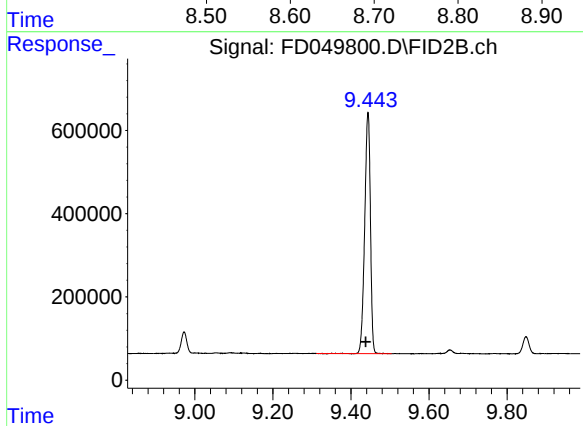
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: 0.002 min
Response: 3191925
Conc: 37.60 ug/ml



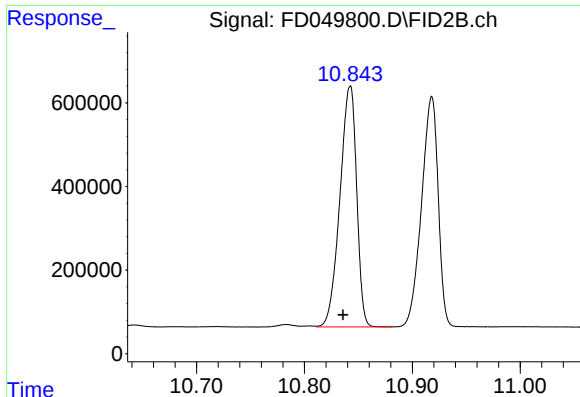
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: 0.005 min
Response: 5444955
Conc: 37.39 ug/ml



#8 Fluorene (C16.55)

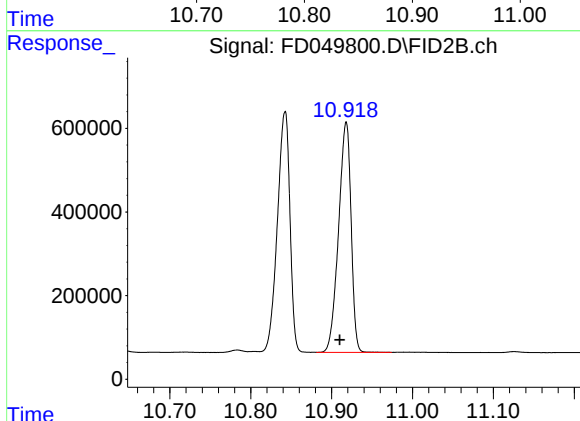
R.T.: 9.443 min
Delta R.T.: 0.005 min
Response: 5870522
Conc: 40.20 ug/ml



#9 Phenanthrene (C19.36)

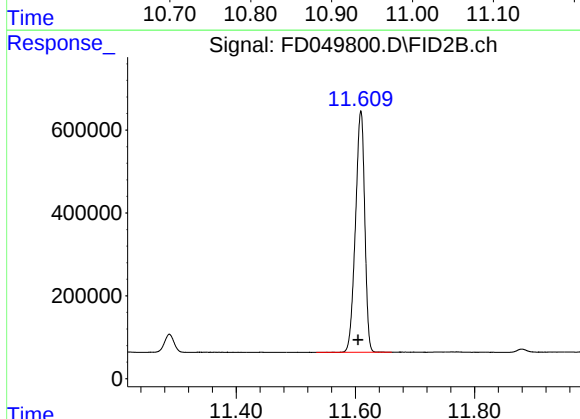
R.T.: 10.842 min
Delta R.T.: 0.006 min
Response: 6216907
Conc: 42.53 ug/ml

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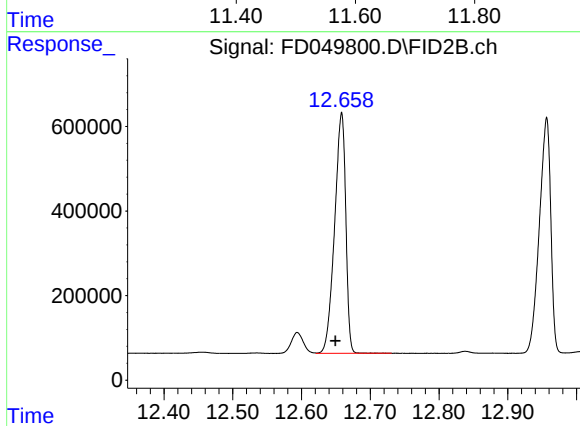
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: 0.007 min
Response: 5925649
Conc: 43.61 ug/ml



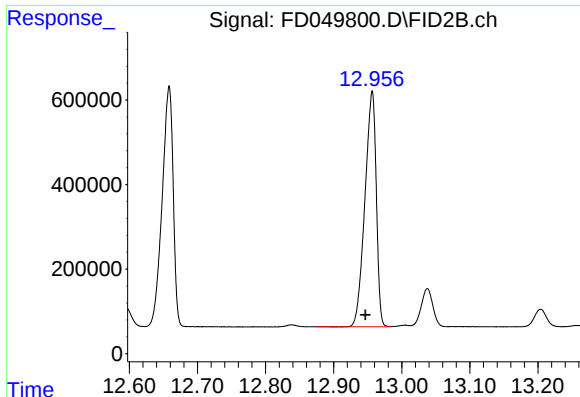
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.005 min
Response: 6285760
Conc: 42.11 ug/ml



#12 Fluoranthene (C21.85)

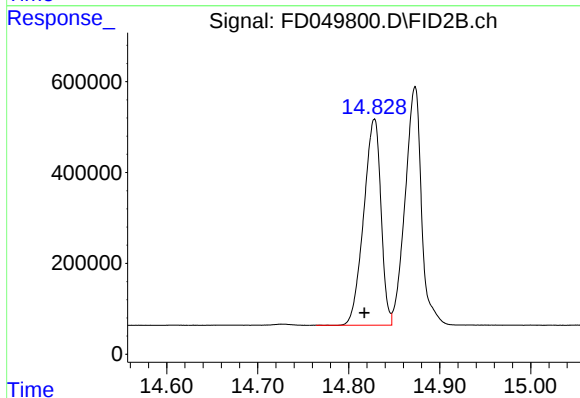
R.T.: 12.658 min
Delta R.T.: 0.009 min
Response: 6419205
Conc: 45.06 ug/ml



#13 Pyrene (C20.8)

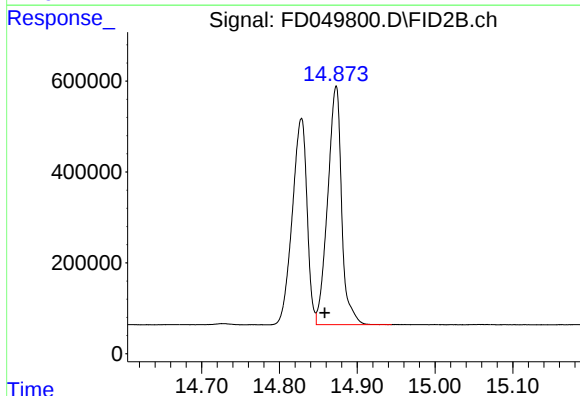
R.T.: 12.956 min
Delta R.T.: 0.010 min
Response: 6432856
Conc: 45.76 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169950BSD



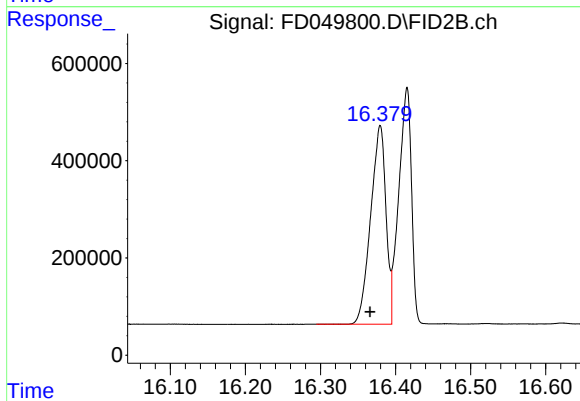
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.010 min
Response: 5982803
Conc: 47.57 ug/ml



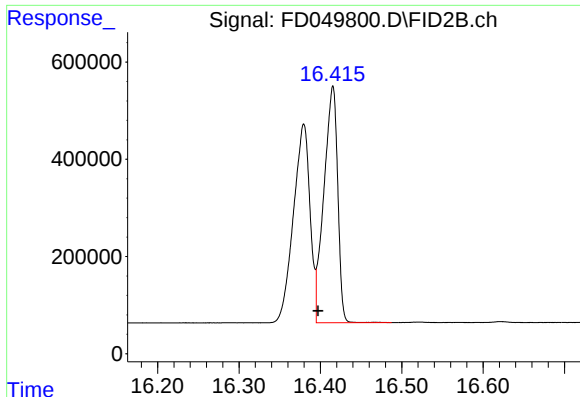
#15 Chrysene (C27.41)

R.T.: 14.872 min
Delta R.T.: 0.014 min
Response: 6537851
Conc: 50.89 ug/ml



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

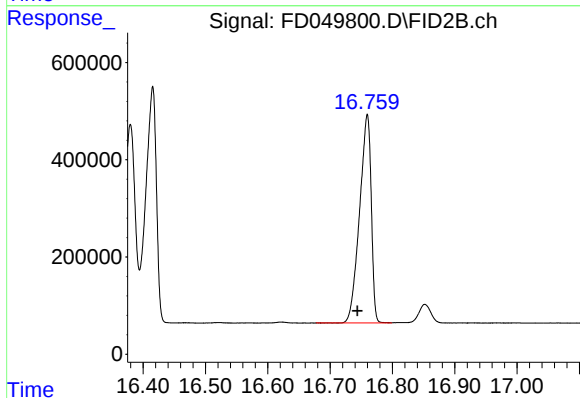
R.T.: 16.379 min
Delta R.T.: 0.013 min
Response: 5785243
Conc: 46.44 ug/ml



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

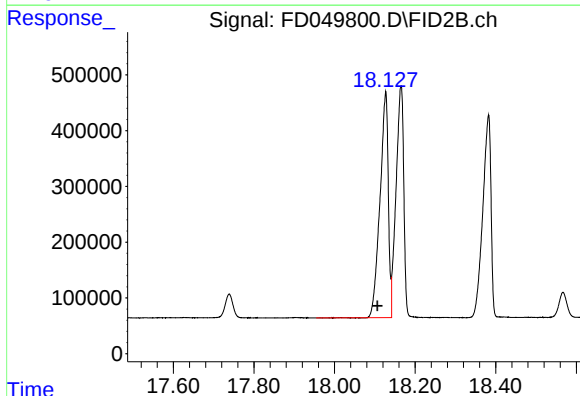
R.T.: 16.415 min
Delta R.T.: 0.017 min
Response: 5719620
Conc: 48.69 ug/ml

Instrument :
FID_D
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PB169950BSD



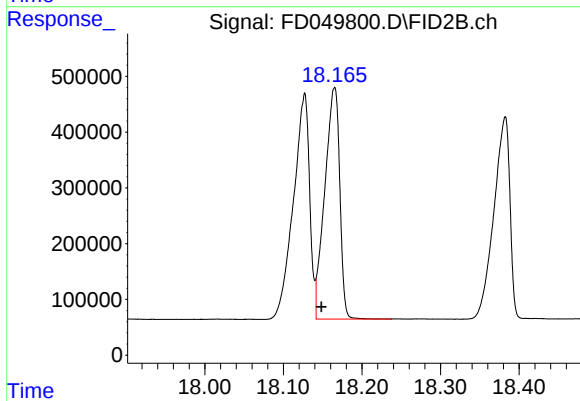
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.759 min
Delta R.T.: 0.015 min
Response: 5579962
Conc: 45.98 ug/ml



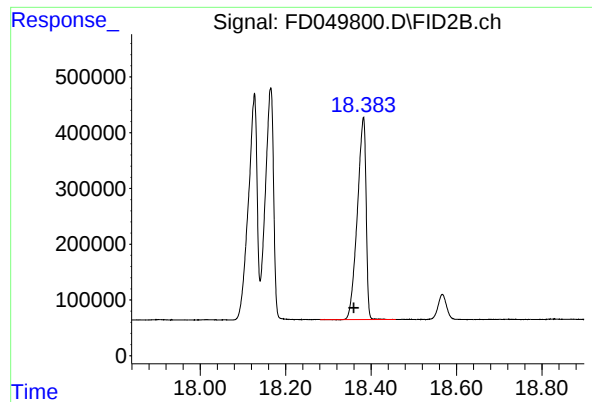
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.126 min
Delta R.T.: 0.019 min
Response: 5810897
Conc: 51.68 ug/ml



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

R.T.: 18.164 min
Delta R.T.: 0.016 min
Response: 5494993
Conc: 44.95 ug/ml



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

R.T.: 18.381 min
Delta R.T.: 0.021 min
Response: 5143802
Conc: 43.01 ug/ml

Instrument :

FID_D

ClientSampleId :

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