

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049434.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 17:57
 Operator : YP/AJ
 Sample : PB168408BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168408BSD

Integration File: autoint1.e
 Quant Time: Jun 12 04:59:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

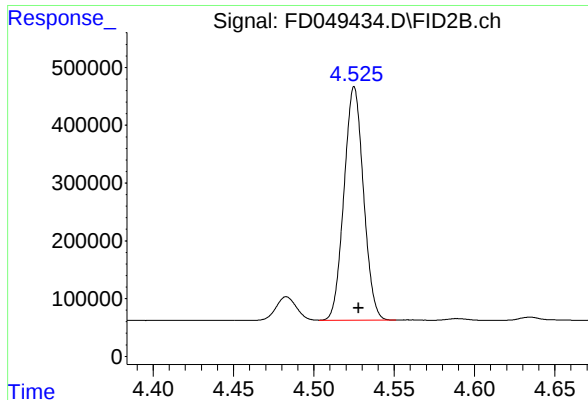
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.732	5575880	33.542 ug/ml
Spiked Amount 50.000		Recovery =	67.08%
6) S 2-Fluorobiphenyl (SURR)	8.598	3792496	33.152 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.30%
11) S ortho-Terphenyl (SURR)	11.643	5678306	28.290 ug/ml
Spiked Amount 50.000		Recovery =	56.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	3411733	21.443 ug/ml
2) T Naphthalene (C11.7)	6.068	4008193	22.828 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3923959	21.965 ug/ml
5) T Acenaphthylene (C15.06)	8.401	4615942	23.829 ug/ml
7) T Acenaphthene (C15.5)	8.697	4650906	24.451 ug/ml
8) T Fluorene (C16.55)	9.478	4894839	25.035 ug/ml
9) T Phenanthrene (C19.36)	10.877	5044883	26.532 ug/ml
10) T Anthracene (C19.43)	10.952	4860253	27.801 ug/ml
12) T Fluoranthene (C21.85)	12.692	5099467	28.271 ug/ml
13) T Pyrene (C20.8)	12.990	5104528	28.600 ug/ml
14) T Benzo[a]anthracene (C...	14.863	4803591	31.605 ug/ml
15) T Chrysene (C27.41)	14.906	5280312	34.772 ug/ml
16) T benzo[b]fluoranthene ...	16.414	4810805	33.236 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	4785489	33.348 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	4627157	34.045 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.161	4768815	37.335 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	4476908	33.255 ug/ml
21) T Benzo[g,h,i]perylene ...	18.416	4514892	33.497 ug/ml

(f)=RT Delta > 1/2 Window

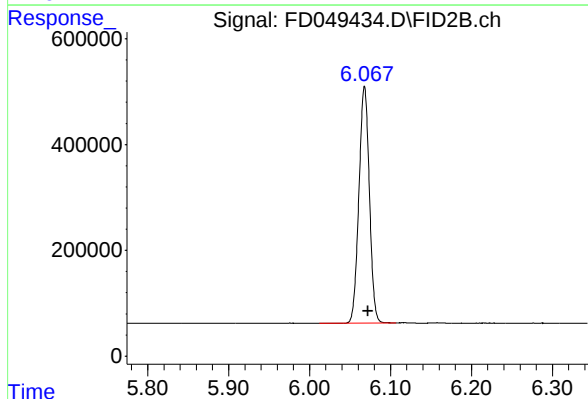
(m)=manual int.



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

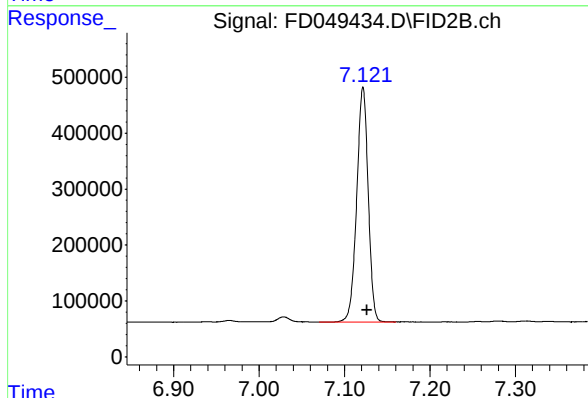
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 3411733
Conc: 21.44 ug/ml

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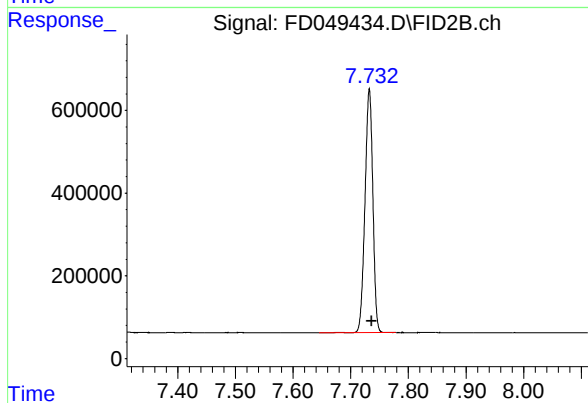
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 4008193
Conc: 22.83 ug/ml



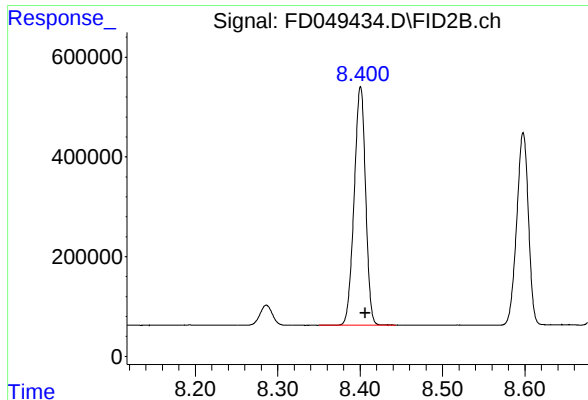
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.005 min
Response: 3923959
Conc: 21.96 ug/ml



#4 2-Bromonaphthalene (SURR)

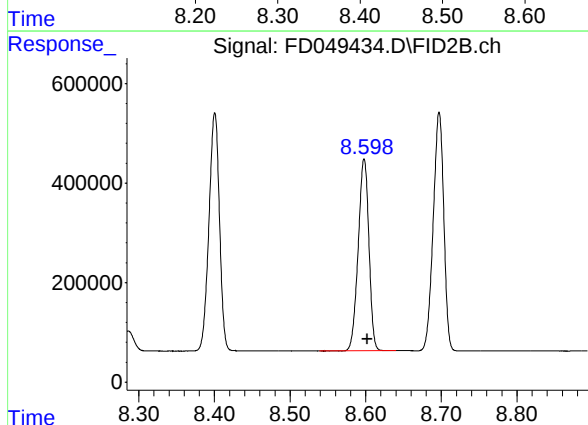
R.T.: 7.732 min
Delta R.T.: -0.004 min
Response: 5575880
Conc: 33.54 ug/ml



#5 Acenaphthylene (C15.06)

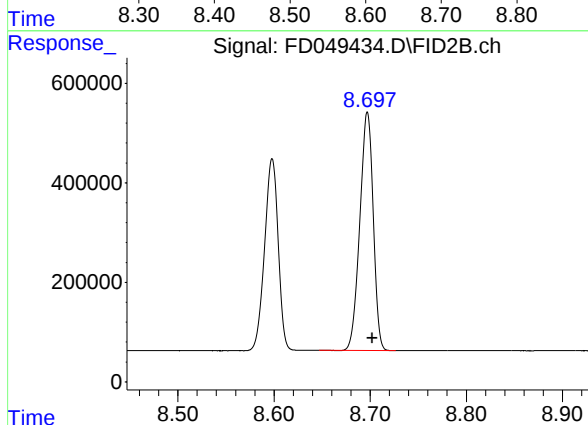
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 4615942
Conc: 23.83 ug/ml

Instrument :
FID_D
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PB168408BSD



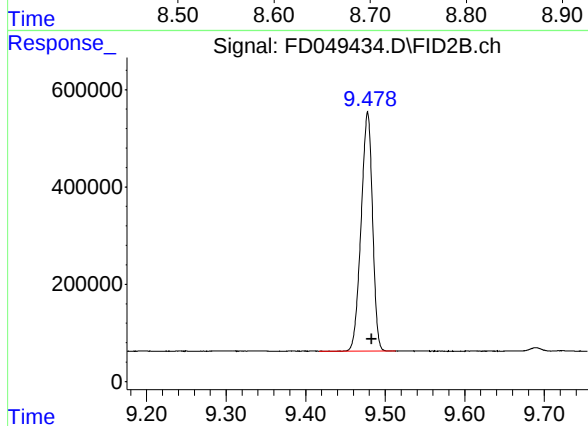
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 3792496
Conc: 33.15 ug/ml



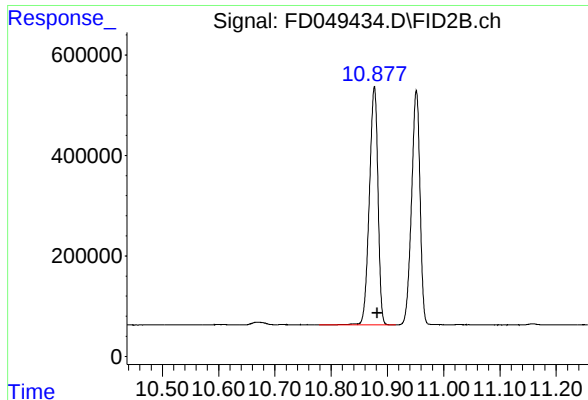
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.005 min
Response: 4650906
Conc: 24.45 ug/ml



#8 Flouorene (C16.55)

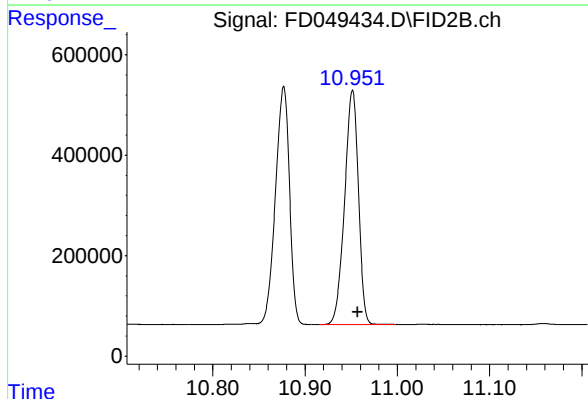
R.T.: 9.478 min
Delta R.T.: -0.005 min
Response: 4894839
Conc: 25.03 ug/ml



#9 Phenanthrene (C19.36)

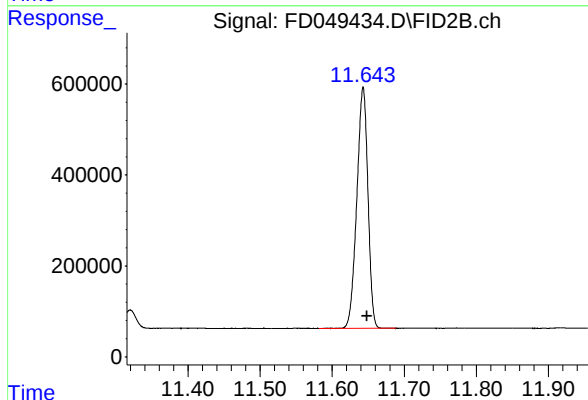
R.T.: 10.877 min
Delta R.T.: -0.005 min
Response: 5044883
Conc: 26.53 ug/ml

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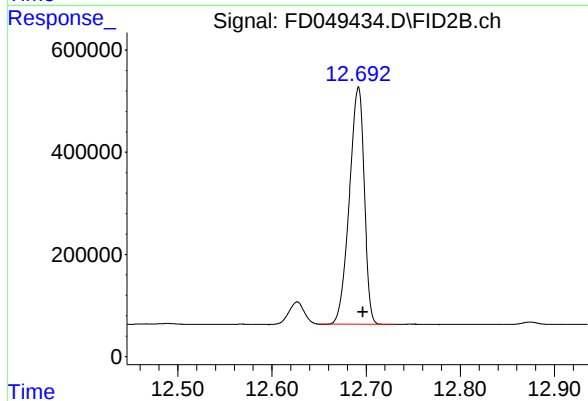
#10 Anthracene (C19.43)

R.T.: 10.952 min
Delta R.T.: -0.005 min
Response: 4860253
Conc: 27.80 ug/ml



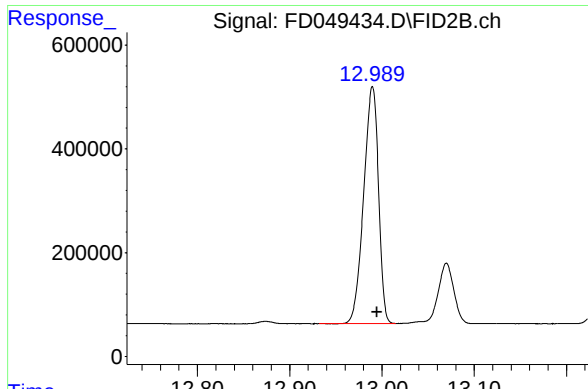
#11 ortho-Terphenyl (SURRE)

R.T.: 11.643 min
Delta R.T.: -0.005 min
Response: 5678306
Conc: 28.29 ug/ml



#12 Fluoranthene (C21.85)

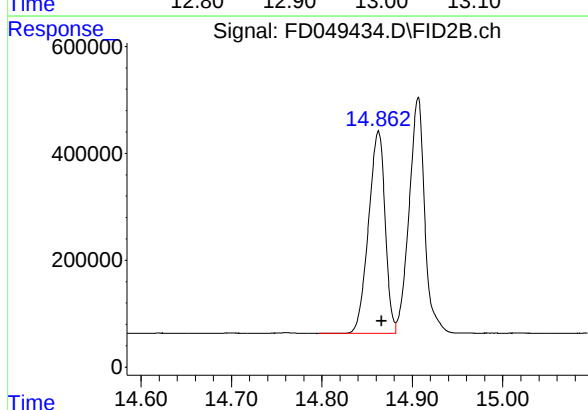
R.T.: 12.692 min
Delta R.T.: -0.005 min
Response: 5099467
Conc: 28.27 ug/ml



#13 Pyrene (C20.8)

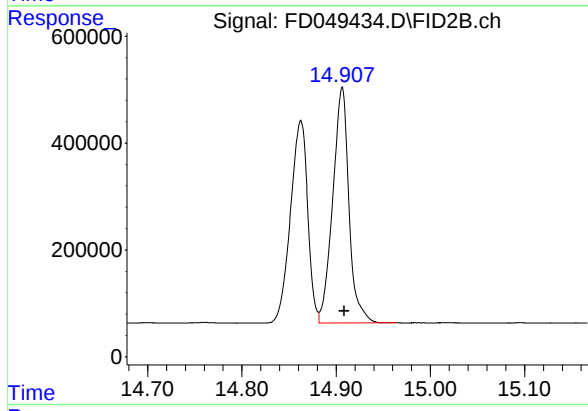
R.T.: 12.990 min
Delta R.T.: -0.005 min
Response: 5104528
Conc: 28.60 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168408BSD



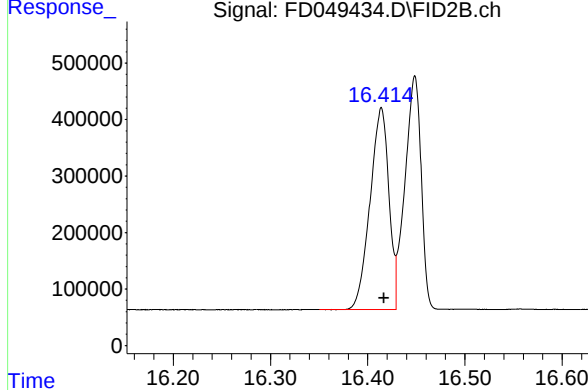
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: -0.004 min
Response: 4803591
Conc: 31.61 ug/ml



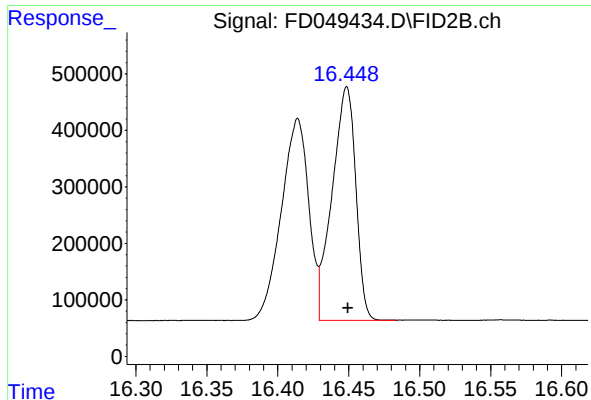
#15 Chrysene (C27.41)

R.T.: 14.906 min
Delta R.T.: -0.002 min
Response: 5280312
Conc: 34.77 ug/ml



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

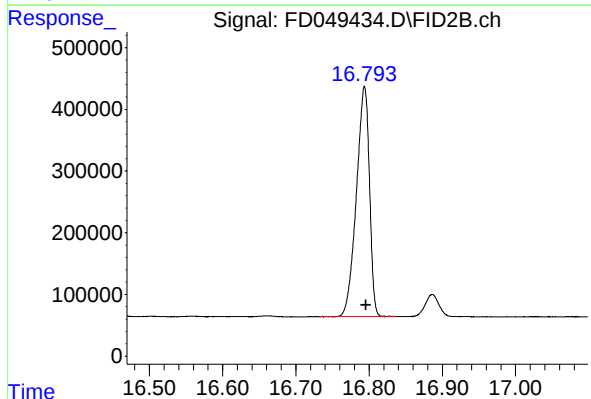
R.T.: 16.414 min
Delta R.T.: -0.003 min
Response: 4810805
Conc: 33.24 ug/ml



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

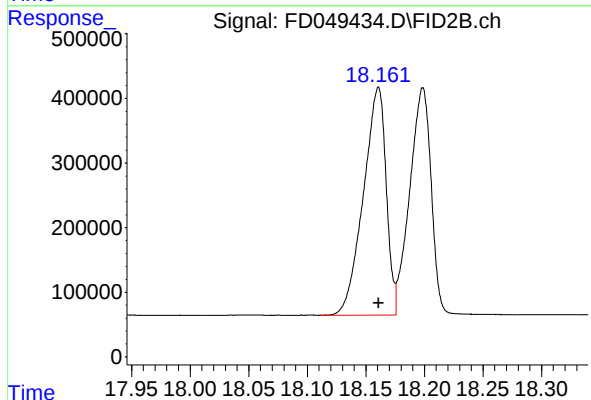
R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 4785489
Conc: 33.35 ug/ml

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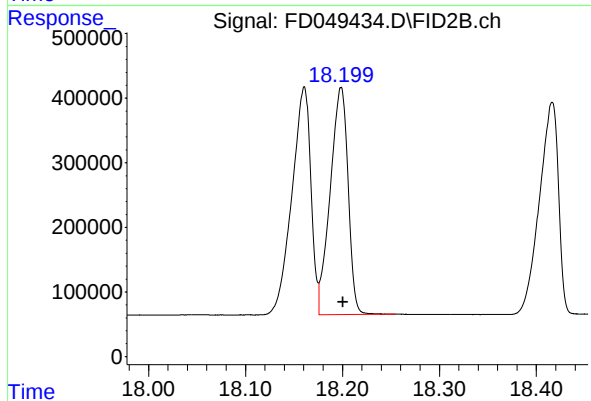
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: -0.002 min
Response: 4627157
Conc: 34.04 ug/ml



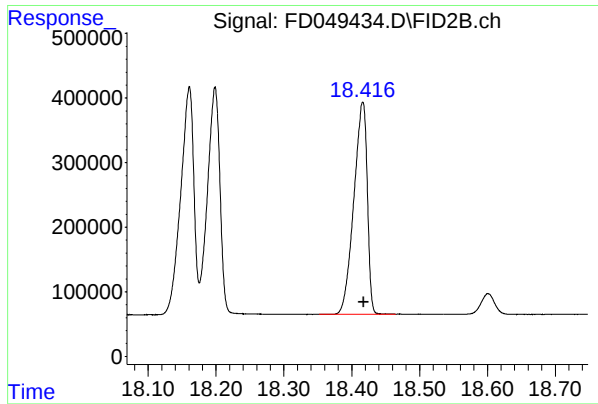
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.161 min
Delta R.T.: 0.000 min
Response: 4768815
Conc: 37.33 ug/ml



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

R.T.: 18.199 min
Delta R.T.: -0.002 min
Response: 4476908
Conc: 33.25 ug/ml



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

R.T.: 18.416 min
Delta R.T.: -0.001 min
Response: 4514892
Conc: 33.50 ug/ml

Instrument :
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