

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049331.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 21:04
 Operator : YP/AJ
 Sample : Q1901-04MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-167-SB02MSD

Integration File: autoint1.e
 Quant Time: May 09 09:21:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

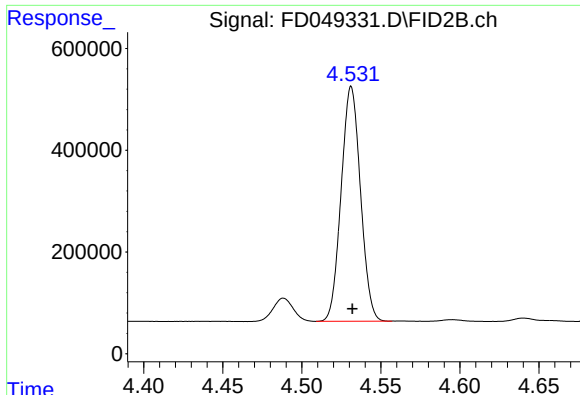
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.741	7121821	60.064 ug/ml
Spiked Amount 50.000		Recovery =	120.13%
6) S 2-Fluorobiphenyl (SURR)	8.607	4534162	57.415 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.83%
11) S ortho-Terphenyl (SURR)	11.651	5295430	38.367 ug/ml
Spiked Amount 50.000		Recovery =	76.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	3927868	31.459 ug/ml
2) T Naphthalene (C11.7)	6.076	4827602	36.516 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	4789253	37.125 ug/ml
5) T Acenaphthylene (C15.06)	8.410	5796215	41.060 ug/ml
7) T Acenaphthene (C15.5)	8.706	5868027	42.828 ug/ml
8) T Flouorene (C16.55)	9.488	6177431	45.384 ug/ml
9) T Phenanthrene (C19.36)	10.886	6214722	46.096 ug/ml
10) T Anthracene (C19.43)	10.962	6027275	50.962 ug/ml
12) T Fluoranthene (C21.85)	12.701	6221870	46.168 ug/ml
13) T Pyrene (C20.8)	12.999	6051806	44.737 ug/ml
14) T Benzo[a]anthracene (C...	14.871	5583646	48.746 ug/ml
15) T Chrysene (C27.41)	14.915	5871355	50.306 ug/ml
16) T benzo[b]fluoranthene ...	16.423	5562427	45.824 ug/ml
17) T Bnezo[k]fluoranthene ...	16.458	5381787	45.125 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.803	5232066	45.503 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.170	5649946	51.483 ug/ml
20) T Dibenz[a,h]anthracene...	18.208	4973171	47.088 ug/ml
21) T Benzo[g,h,i]perylene ...	18.426	5259343	44.133 ug/ml

(f)=RT Delta > 1/2 Window

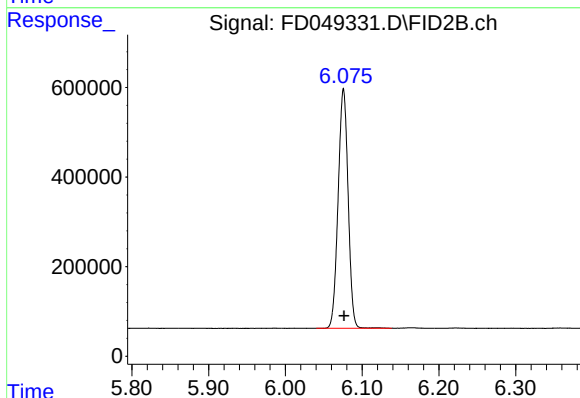
(m)=manual int.



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

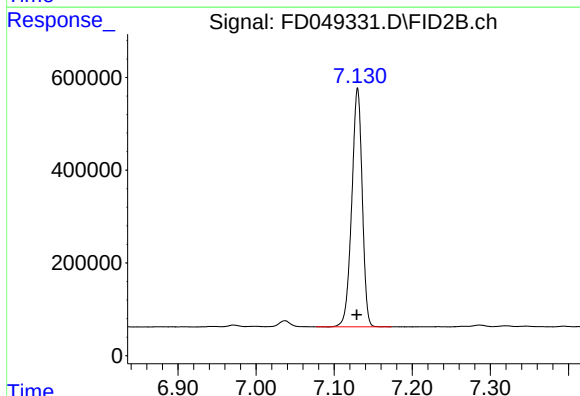
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 3927868
Conc: 31.46 ug/ml

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B-167-SB02MSD



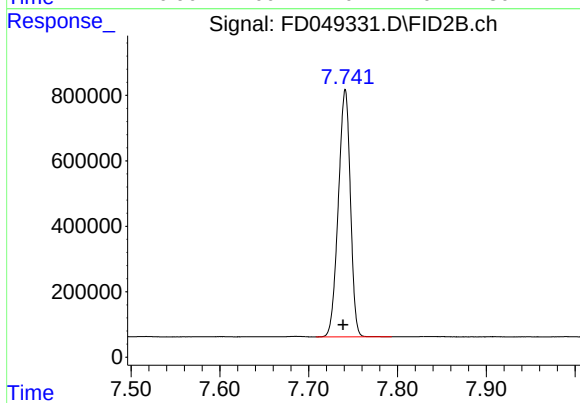
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 4827602
Conc: 36.52 ug/ml



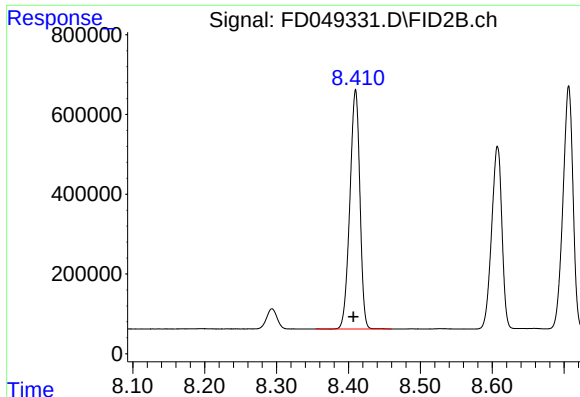
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: 0.001 min
Response: 4789253
Conc: 37.13 ug/ml



#4 2-Bromonaphthalene (SURR)

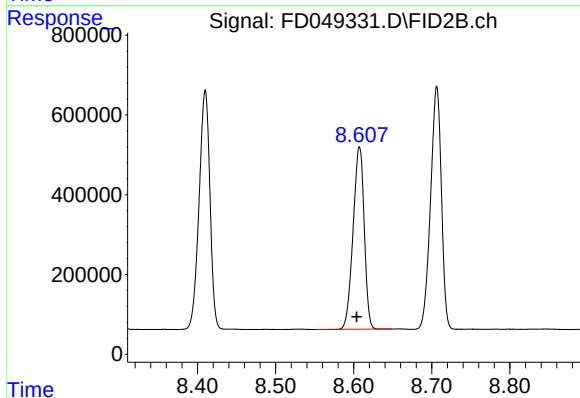
R.T.: 7.741 min
Delta R.T.: 0.002 min
Response: 7121821
Conc: 60.06 ug/ml



#5 Acenaphthylene (C15.06)

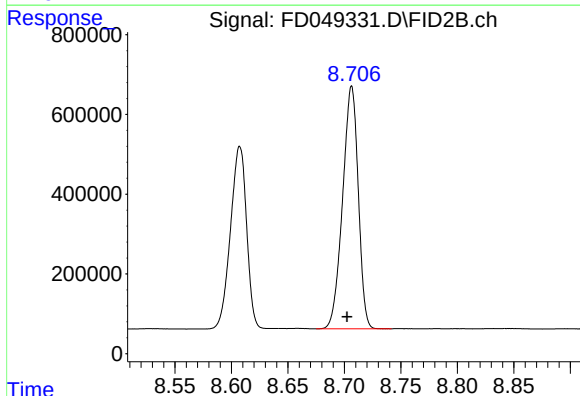
R.T.: 8.410 min
Delta R.T.: 0.003 min
Response: 5796215
Conc: 41.06 ug/ml

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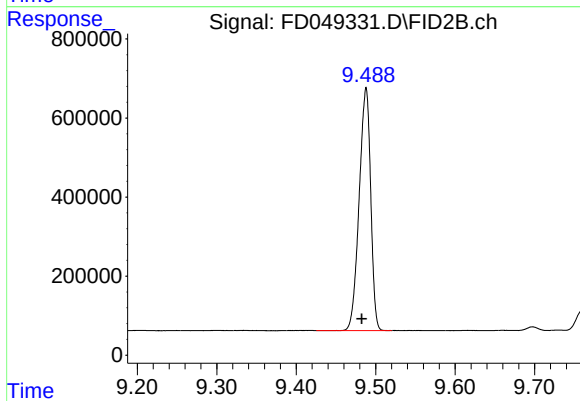
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.004 min
Response: 4534162
Conc: 57.41 ug/ml



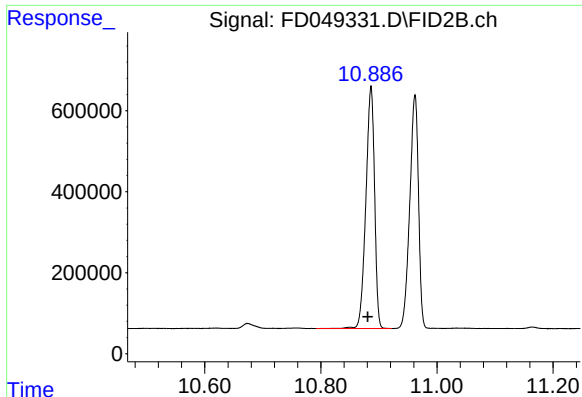
#7 Acenaphthene (C15.5)

R.T.: 8.706 min
Delta R.T.: 0.004 min
Response: 5868027
Conc: 42.83 ug/ml



#8 Flouorene (C16.55)

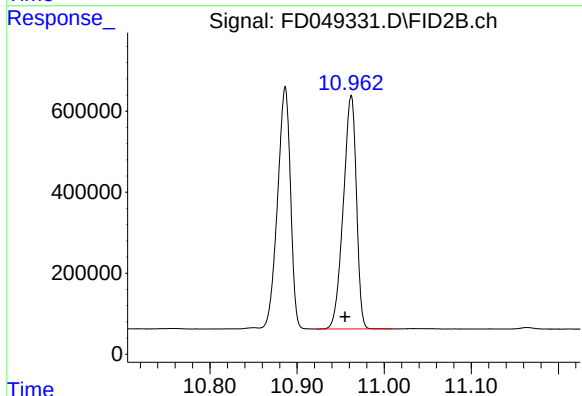
R.T.: 9.488 min
Delta R.T.: 0.005 min
Response: 6177431
Conc: 45.38 ug/ml



#9 Phenanthrene (C19.36)

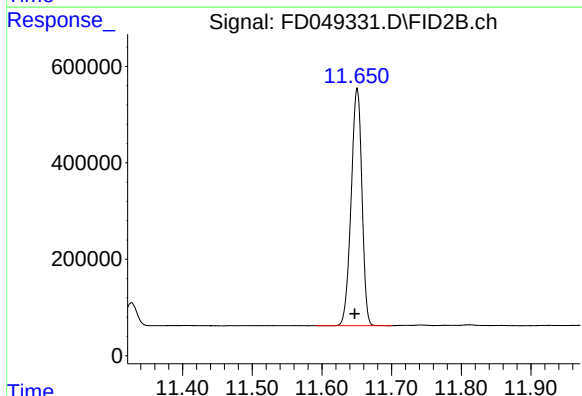
R.T.: 10.886 min
Delta R.T.: 0.005 min
Response: 6214722
Conc: 46.10 ug/ml

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B-167-SB02MSD



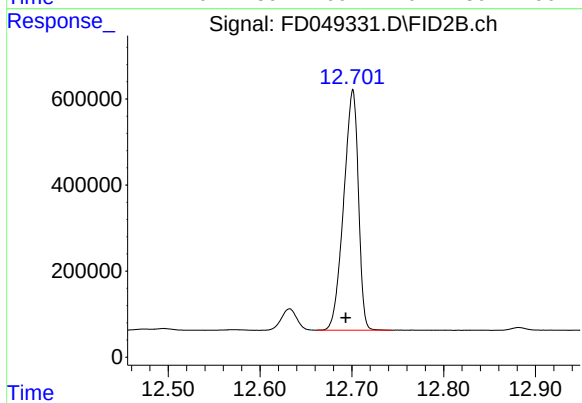
#10 Anthracene (C19.43)

R.T.: 10.962 min
Delta R.T.: 0.007 min
Response: 6027275
Conc: 50.96 ug/ml



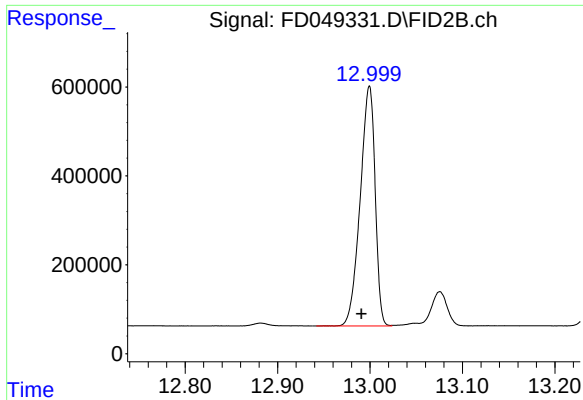
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: 0.004 min
Response: 5295430
Conc: 38.37 ug/ml



#12 Fluoranthene (C21.85)

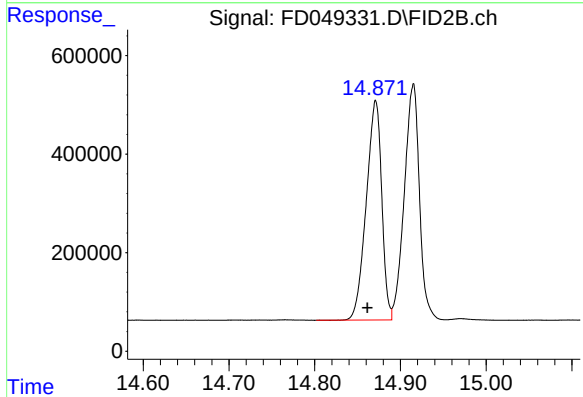
R.T.: 12.701 min
Delta R.T.: 0.008 min
Response: 6221870
Conc: 46.17 ug/ml



#13 Pyrene (C20.8)

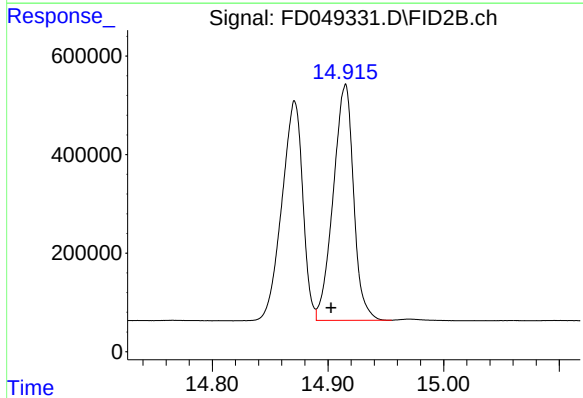
R.T.: 12.999 min
Delta R.T.: 0.009 min
Response: 6051806
Conc: 44.74 ug/ml

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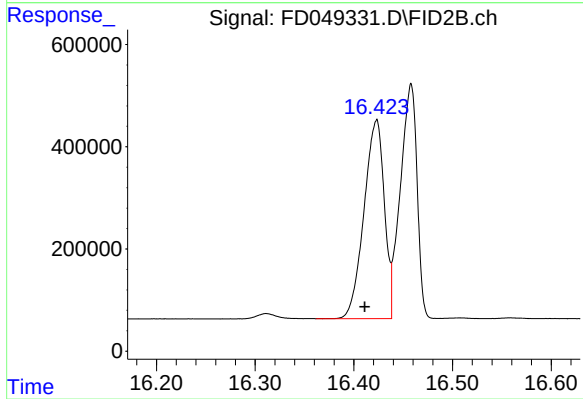
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.871 min
Delta R.T.: 0.010 min
Response: 5583646
Conc: 48.75 ug/ml



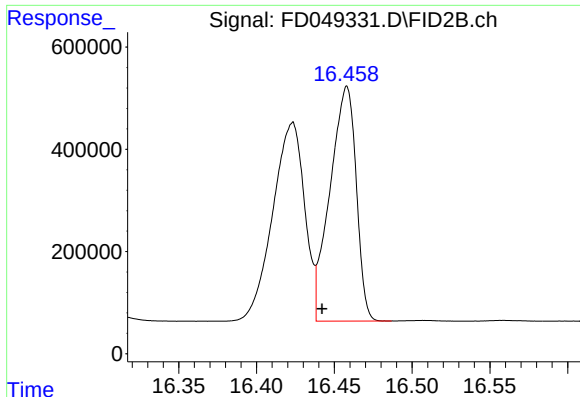
#15 Chrysene (C27.41)

R.T.: 14.915 min
Delta R.T.: 0.012 min
Response: 5871355
Conc: 50.31 ug/ml



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

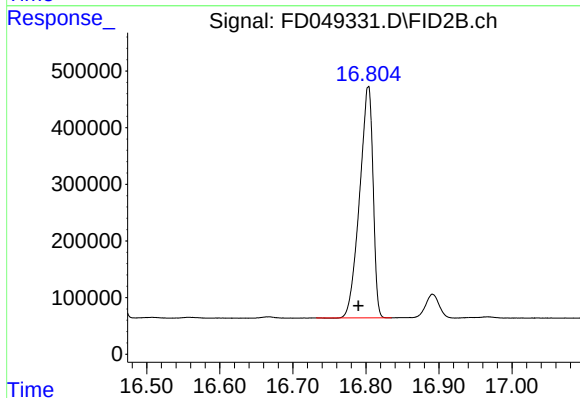
R.T.: 16.423 min
Delta R.T.: 0.011 min
Response: 5562427
Conc: 45.82 ug/ml



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

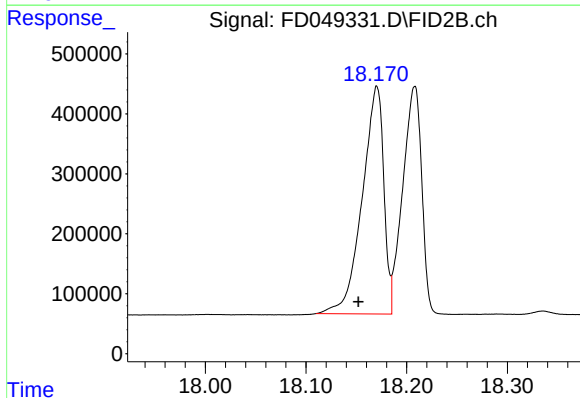
R.T.: 16.458 min
Delta R.T.: 0.015 min
Response: 5381787
Conc: 45.13 ug/ml

Instrument :
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B-167-SB02MSD



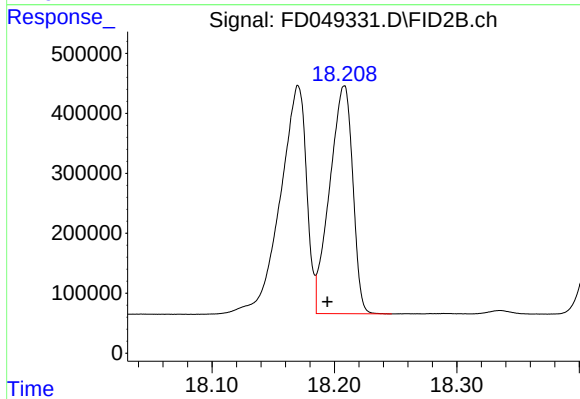
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.803 min
Delta R.T.: 0.013 min
Response: 5232066
Conc: 45.50 ug/ml



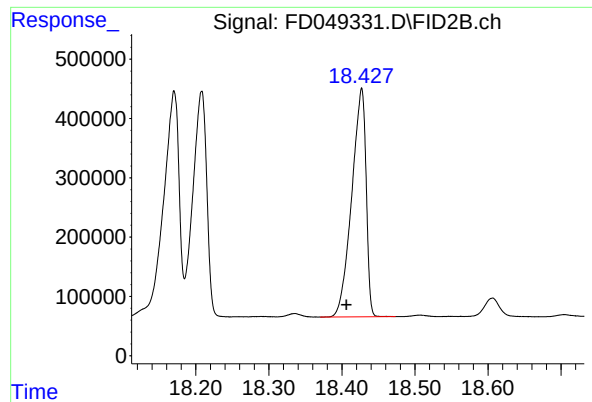
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.170 min
Delta R.T.: 0.018 min
Response: 5649946
Conc: 51.48 ug/ml



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

R.T.: 18.208 min
Delta R.T.: 0.013 min
Response: 4973171
Conc: 47.09 ug/ml



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

R.T.: 18.426 min
Delta R.T.: 0.020 min
Response: 5259343
Conc: 44.13 ug/ml

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