

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092225AR\
 Data File : FD049743.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 18:30
 Operator : YP/AJ
 Sample : Q3123-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-2MS

Integration File: autoint1.e
 Quant Time: Sep 23 07:30:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

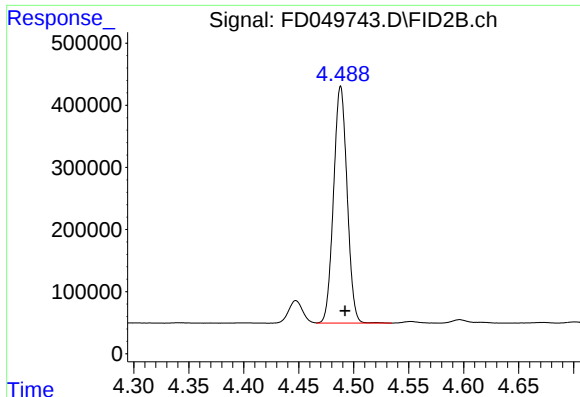
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.698	5202975	46.264 ug/ml
Spiked Amount 50.000		Recovery =	92.53%
6) S 2-Fluorobiphenyl (SURR)	8.562	3201079	39.878 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.76%
11) S ortho-Terphenyl (SURR)	11.610	4497026	31.785 ug/ml
Spiked Amount 50.000		Recovery =	63.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	3268463	30.333 ug/ml
2) T Naphthalene (C11.7)	6.032	4490702	36.111 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4817168	36.961 ug/ml
5) T Acenaphthylene (C15.06)	8.367	6214759	44.826 ug/ml
7) T Acenaphthene (C15.5)	8.664	6443072	46.479 ug/ml
8) T Flouorene (C16.55)	9.445	6911621	49.827 ug/ml
9) T Phenanthrene (C19.36)	10.848	10555191	75.771 ug/ml
10) T Anthracene (C19.43)	10.922	7698248	58.302 ug/ml
12) T Fluoranthene (C21.85)	12.667	12432714	92.319 ug/ml
13) T Pyrene (C20.8)	12.966	11775919	88.525 ug/ml
14) T Benzo[a]anthracene (C...	14.836	8887598	74.320 ug/ml
15) T Chrysene (C27.41)	14.881	9208341	75.694 ug/ml
16) T benzo[b]fluoranthene ...	16.390	8542502	71.266 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	6458960	57.324 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	7641527	65.119 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	7014724	64.479 ug/ml
20) T Dibenz[a,h]anthracene...	18.171	5514194	48.392 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	6045715	51.958 ug/ml

(f)=RT Delta > 1/2 Window

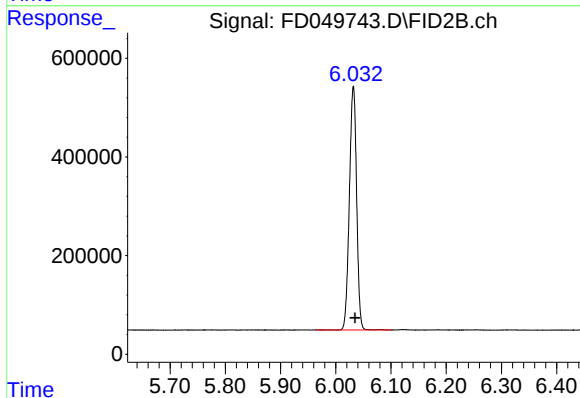
(m)=manual int.



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

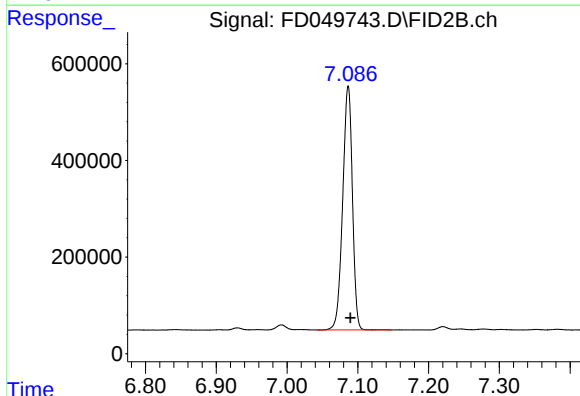
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 3268463
Conc: 30.33 ug/ml

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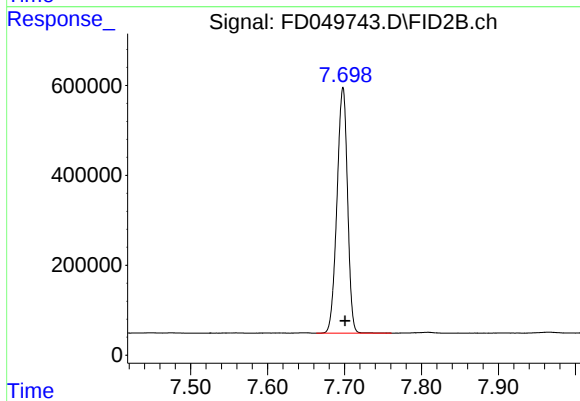
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 4490702
Conc: 36.11 ug/ml



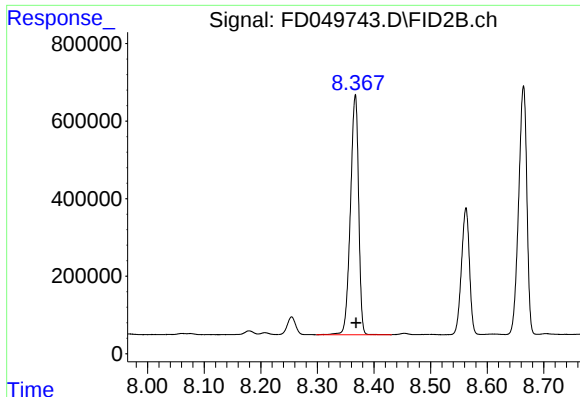
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 4817168
Conc: 36.96 ug/ml



#4 2-Bromonaphthalene (SURR)

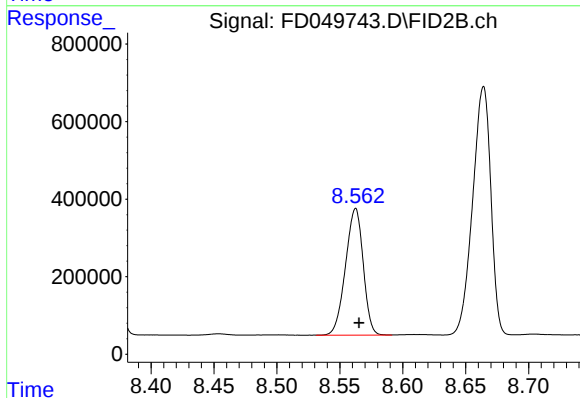
R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 5202975
Conc: 46.26 ug/ml



#5 Acenaphthylene (C15.06)

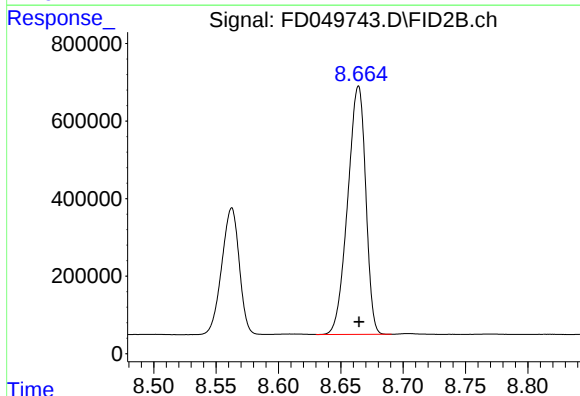
R.T.: 8.367 min
Delta R.T.: -0.002 min
Response: 6214759
Conc: 44.83 ug/ml

Instrument :
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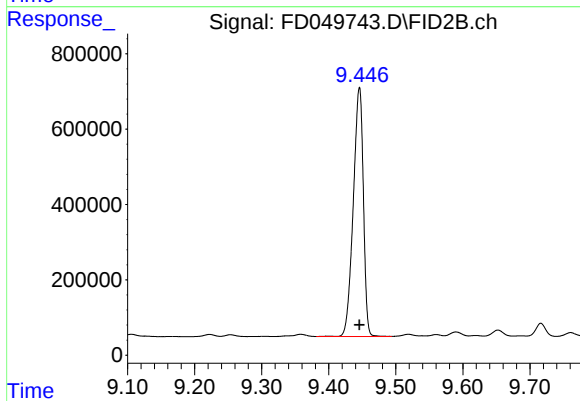
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 3201079
Conc: 39.88 ug/ml



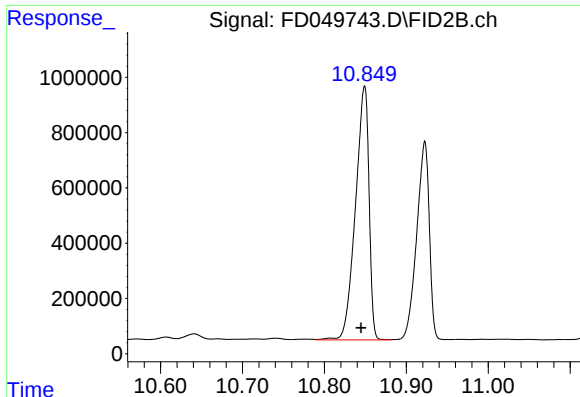
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 6443072
Conc: 46.48 ug/ml



#8 Flouorene (C16.55)

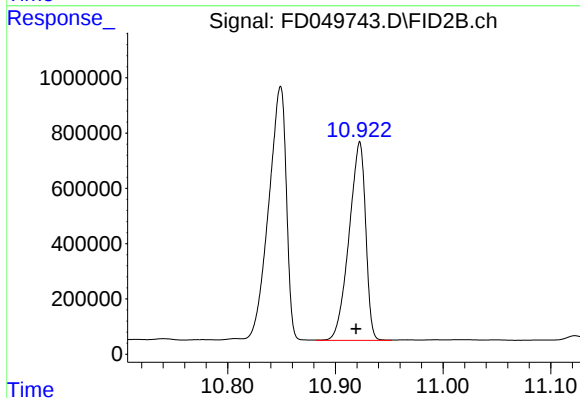
R.T.: 9.445 min
Delta R.T.: 0.000 min
Response: 6911621
Conc: 49.83 ug/ml



#9 Phenanthrene (C19.36)

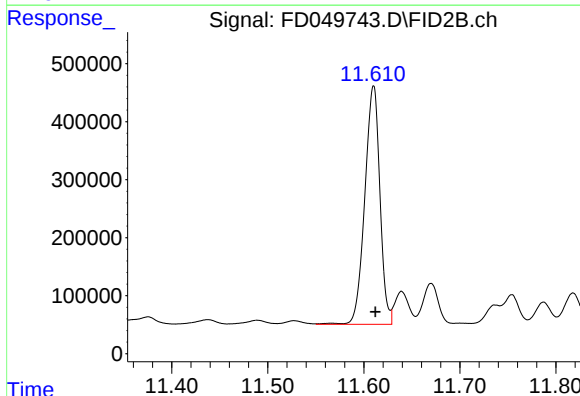
R.T.: 10.848 min
Delta R.T.: 0.004 min
Response: 10555191
Conc: 75.77 ug/ml

Instrument :
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TP-2MS



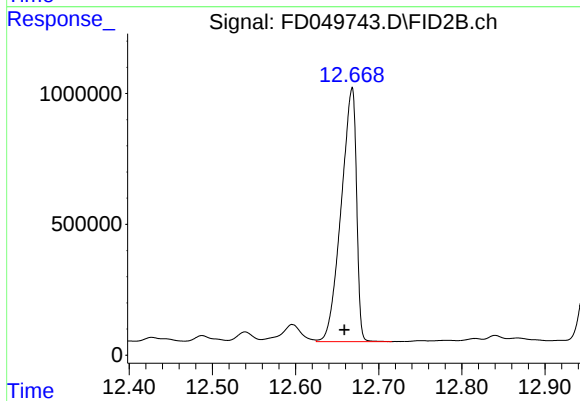
#10 Anthracene (C19.43)

R.T.: 10.922 min
Delta R.T.: 0.003 min
Response: 7698248
Conc: 58.30 ug/ml



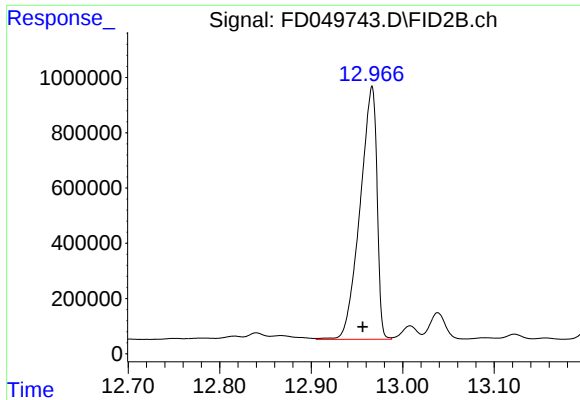
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.002 min
Response: 4497026
Conc: 31.79 ug/ml



#12 Fluoranthene (C21.85)

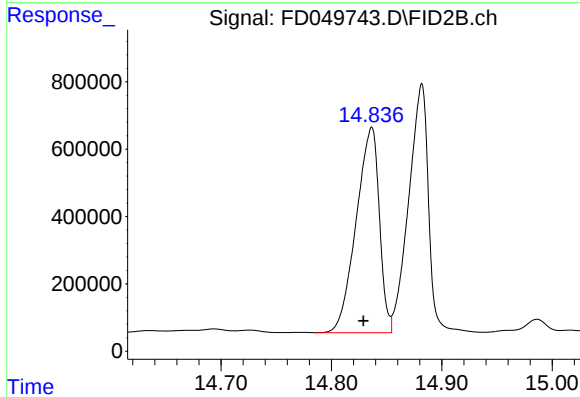
R.T.: 12.667 min
Delta R.T.: 0.008 min
Response: 12432714
Conc: 92.32 ug/ml



#13 Pyrene (C20.8)

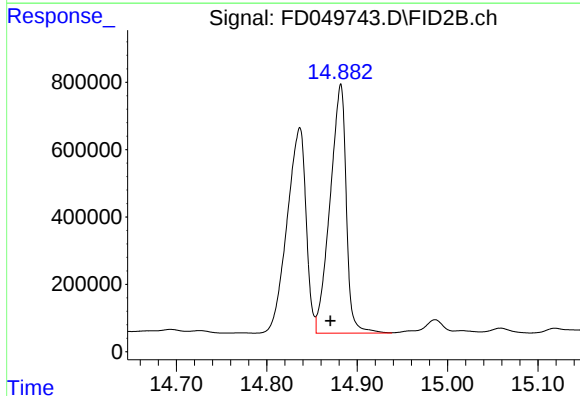
R.T.: 12.966 min
Delta R.T.: 0.009 min
Response: 11775919
Conc: 88.52 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2MS



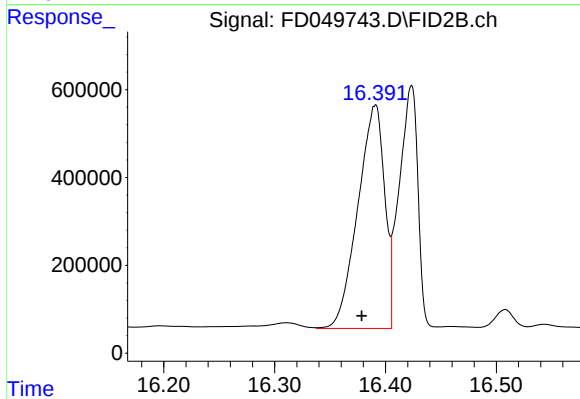
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.836 min
Delta R.T.: 0.007 min
Response: 8887598
Conc: 74.32 ug/ml



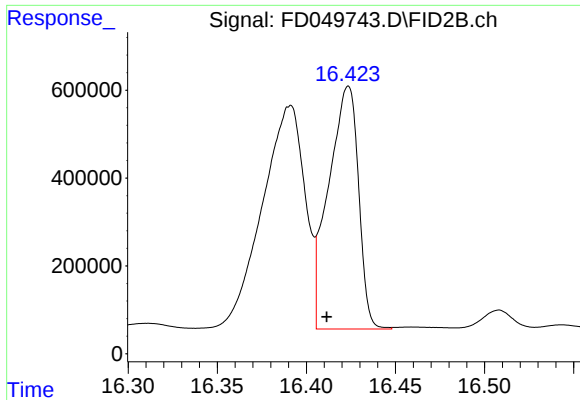
#15 Chrysene (C27.41)

R.T.: 14.881 min
Delta R.T.: 0.010 min
Response: 9208341
Conc: 75.69 ug/ml



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

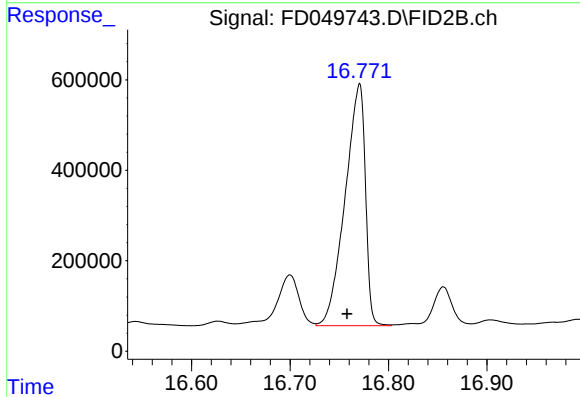
R.T.: 16.390 min
Delta R.T.: 0.011 min
Response: 8542502
Conc: 71.27 ug/ml



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

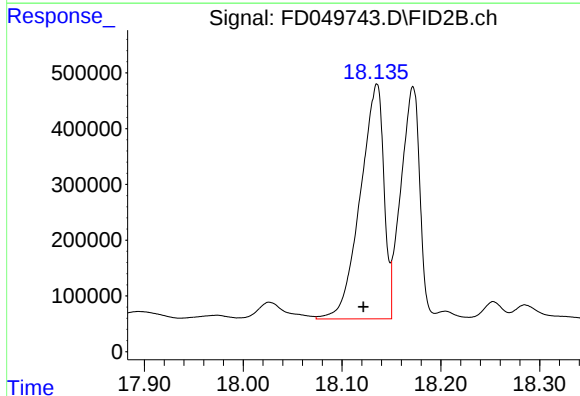
R.T.: 16.423 min
Delta R.T.: 0.012 min
Response: 6458960
Conc: 57.32 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2MS



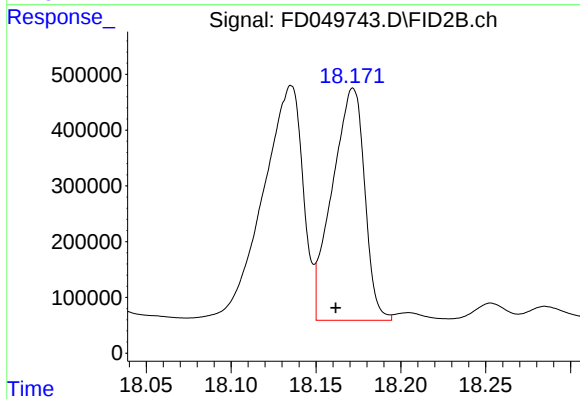
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.012 min
Response: 7641527
Conc: 65.12 ug/ml



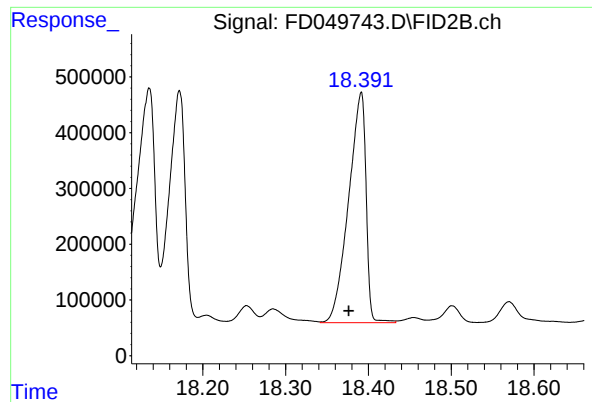
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.013 min
Response: 7014724
Conc: 64.48 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.010 min
Response: 5514194
Conc: 48.39 ug/ml



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

R.T.: 18.390 min
Delta R.T.: 0.014 min
Response: 6045715
Conc: 51.96 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2MS