

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049299.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 11:07
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 01 12:28:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 12:24:43 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	6217746	51.398 ug/ml
Spiked Amount 50.000		Recovery =	102.80%
6) S 2-Fluorobiphenyl (SURR)	8.607	4216284	51.534 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.07%
11) S ortho-Terphenyl (SURR)	11.652	7202828	51.280 ug/ml
Spiked Amount 50.000		Recovery =	102.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	6477721	51.226 ug/ml
2) T Naphthalene (C11.7)	6.077	6954877	51.340 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	6791095	51.411 ug/ml
5) T Acenaphthylene (C15.06)	8.411	7372643	51.357 ug/ml
7) T Acenaphthene (C15.5)	8.708	7163263	51.322 ug/ml
8) T Fluorene (C16.55)	9.489	7197835	51.478 ug/ml
9) T Phenanthrene (C19.36)	10.888	7171493	51.536 ug/ml
10) T Anthracene (C19.43)	10.963	6465378	51.822 ug/ml
12) T Fluoranthene (C21.85)	12.702	7217122	51.333 ug/ml
13) T Pyrene (C20.8)	13.001	7201624	51.188 ug/ml
14) T Benzo[a]anthracene (C...	14.872	6177201	51.163 ug/ml
15) T Chrysene (C27.41)	14.916	6224941	51.055 ug/ml
16) T benzo[b]fluoranthene ...	16.424	6243646	50.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.459	6132161	50.462 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.805	5903388	50.383 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.170	5669871	50.286 ug/ml
20) T Dibenz[a,h]anthracene...	18.210	5532200	50.915 ug/ml
21) T Benzo[g,h,i]perylene ...	18.429	6085248	50.334 ug/ml

(f)=RT Delta > 1/2 Window

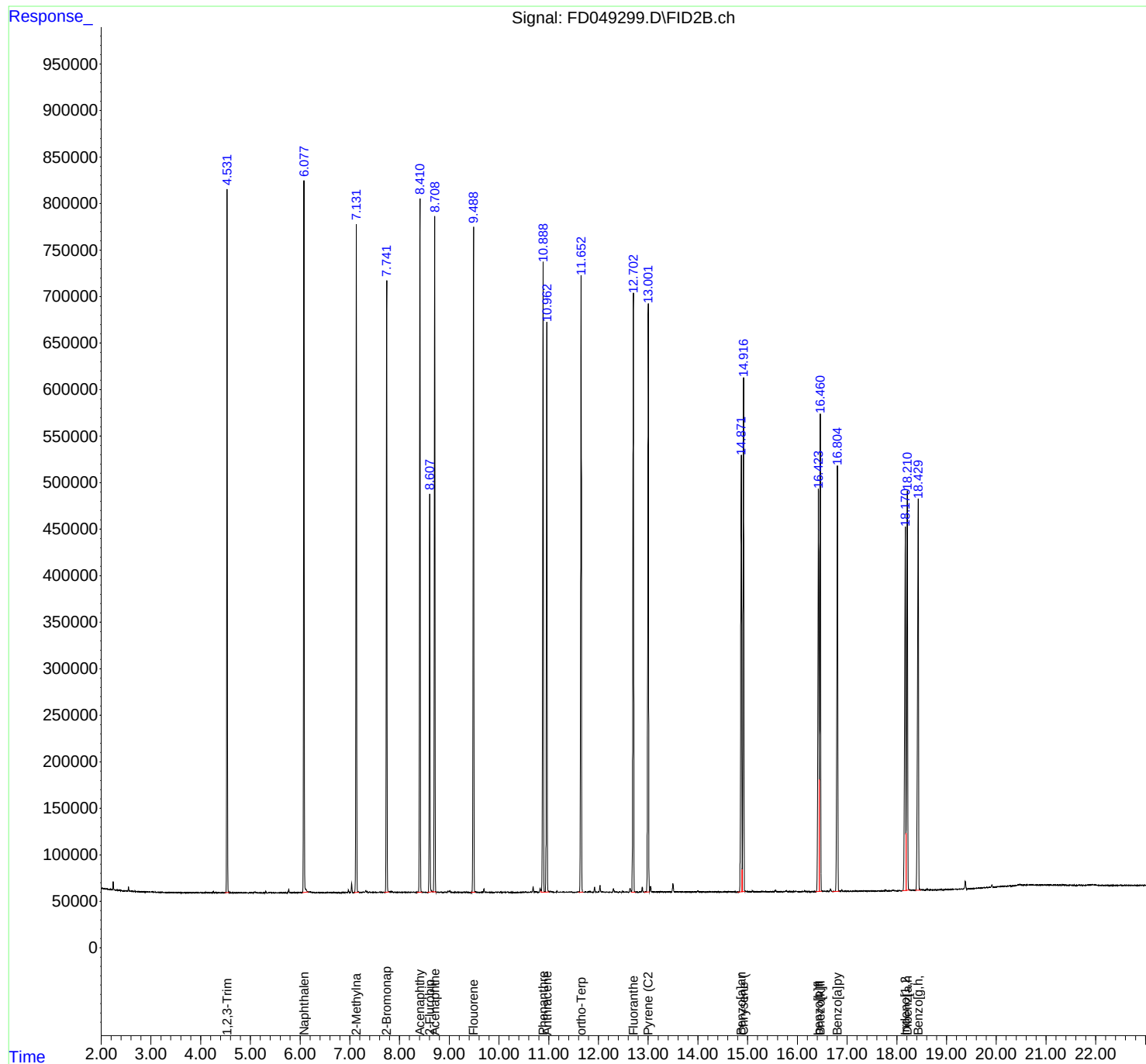
(m)=manual int.

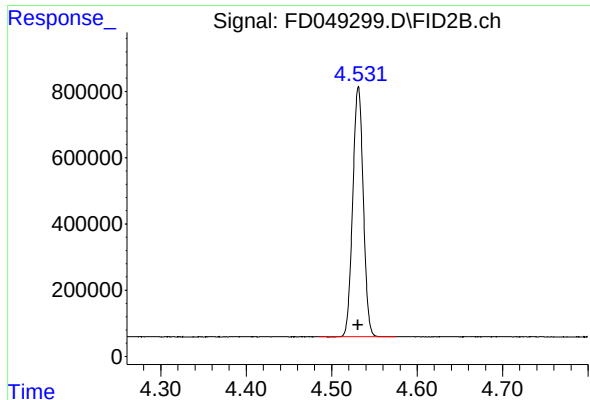
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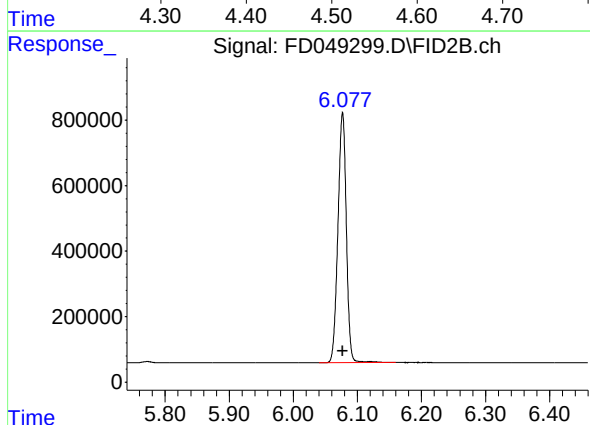




#1 1,2,3-Trimethylbenzene (C10.1)

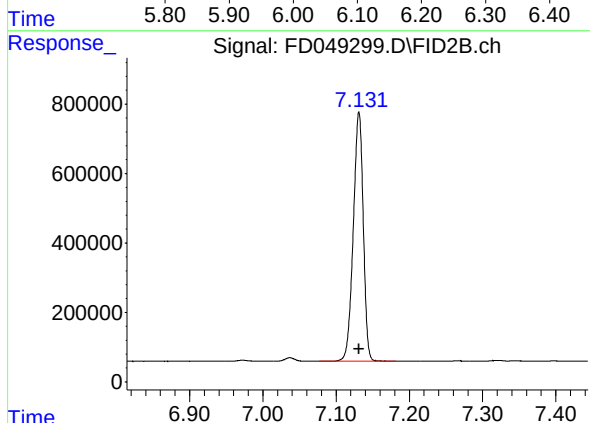
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 6477721
Conc: 51.23 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



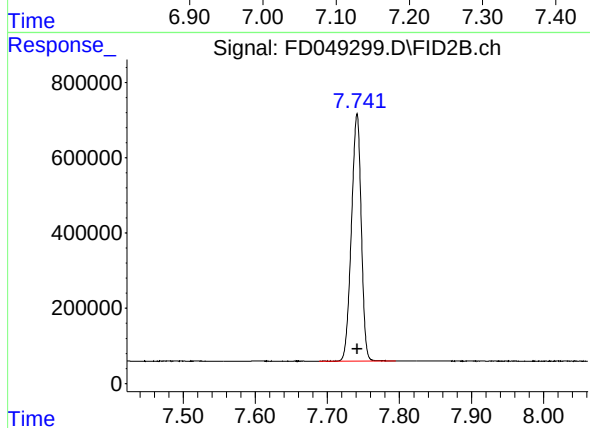
#2 Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6954877
Conc: 51.34 ug/ml



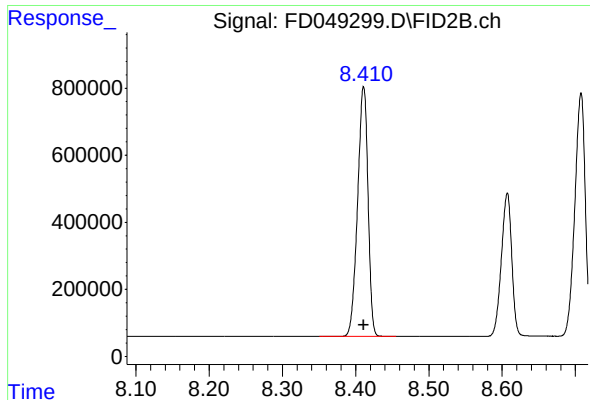
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 6791095
Conc: 51.41 ug/ml



#4 2-Bromonaphthalene (SURR)

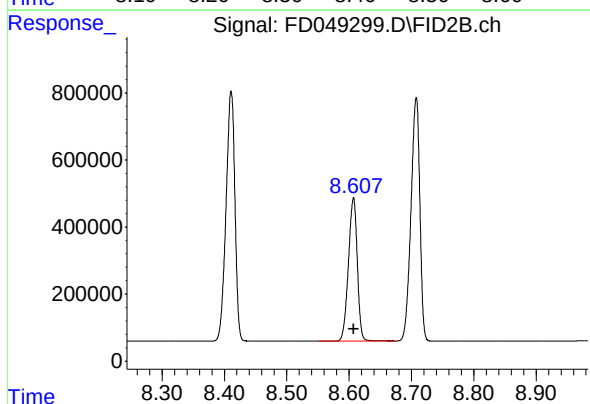
R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 6217746
Conc: 51.40 ug/ml



#5 Acenaphthylene (C15.06)

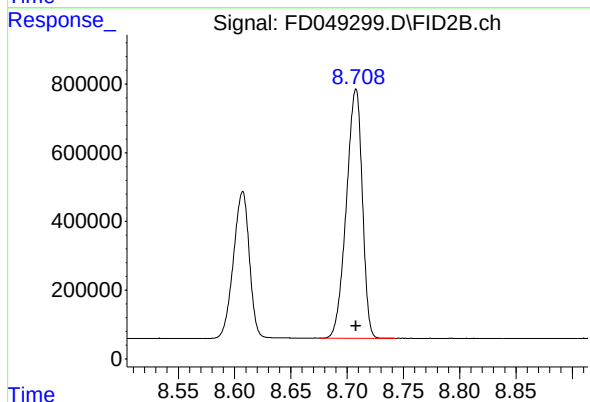
R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 7372643
Conc: 51.36 ug/ml

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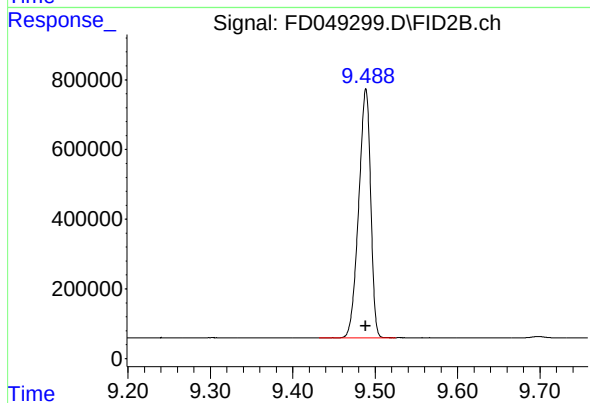
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.000 min
Response: 4216284
Conc: 51.53 ug/ml



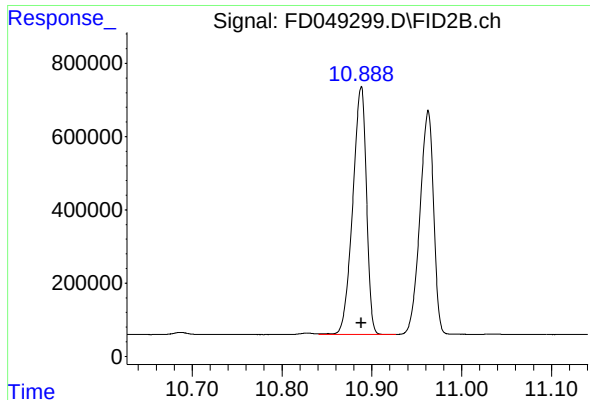
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: 0.000 min
Response: 7163263
Conc: 51.32 ug/ml



#8 Flouorene (C16.55)

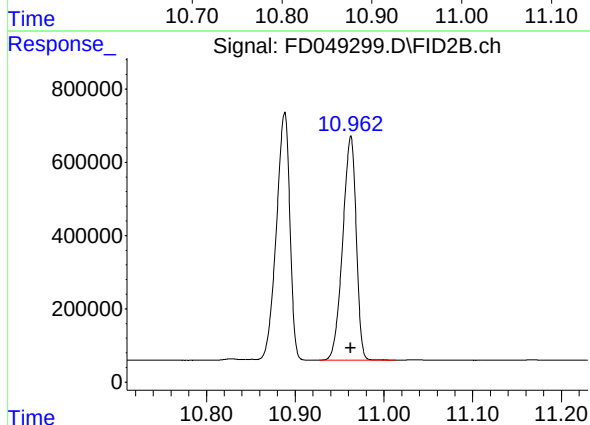
R.T.: 9.489 min
Delta R.T.: 0.000 min
Response: 7197835
Conc: 51.48 ug/ml



#9 Phenanthrene (C19.36)

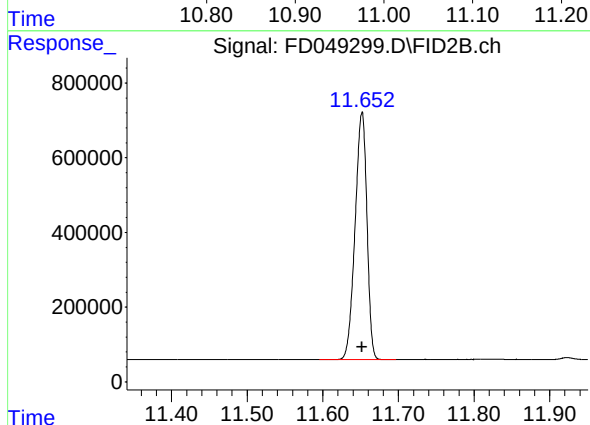
R.T.: 10.888 min
Delta R.T.: 0.000 min
Response: 7171493
Conc: 51.54 ug/ml

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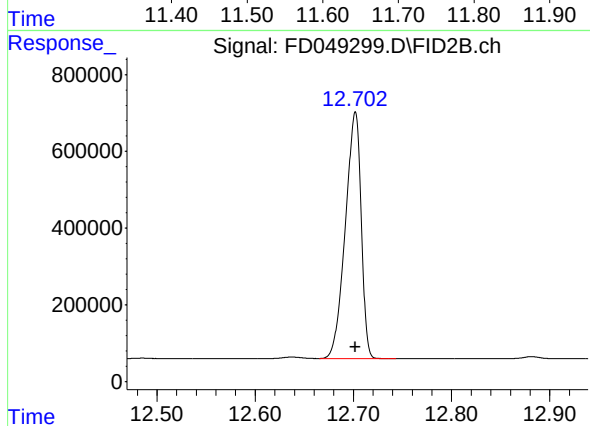
#10 Anthracene (C19.43)

R.T.: 10.963 min
Delta R.T.: 0.000 min
Response: 6465378
Conc: 51.82 ug/ml



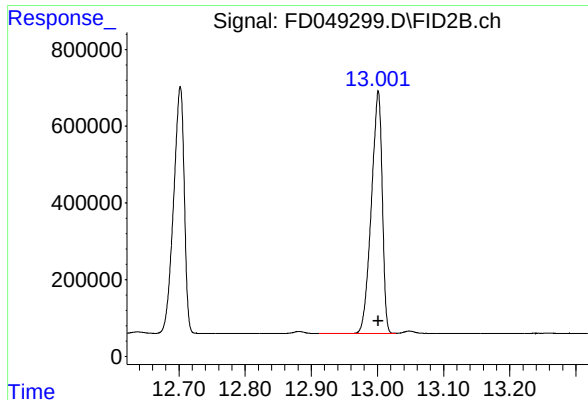
#11 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 7202828
Conc: 51.28 ug/ml



#12 Fluoranthene (C21.85)

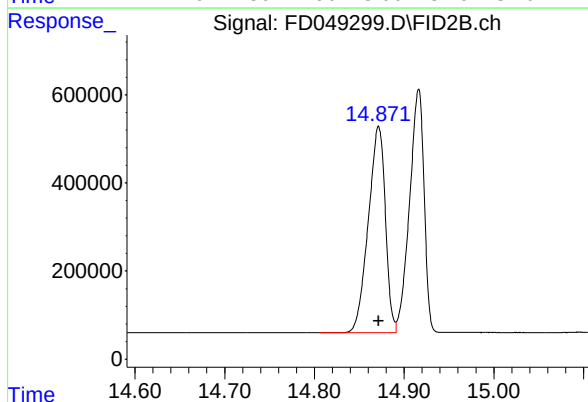
R.T.: 12.702 min
Delta R.T.: 0.000 min
Response: 7217122
Conc: 51.33 ug/ml



#13 Pyrene (C20.8)

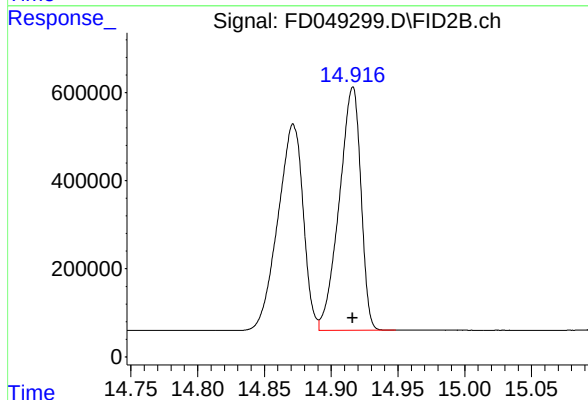
R.T.: 13.001 min
Delta R.T.: 0.000 min
Response: 7201624
Conc: 51.19 ug/ml

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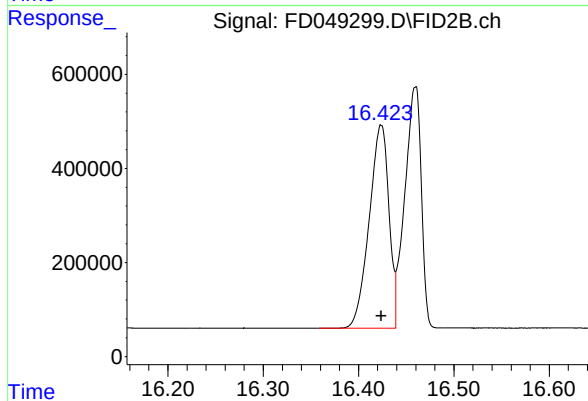
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.872 min
Delta R.T.: 0.000 min
Response: 6177201
Conc: 51.16 ug/ml



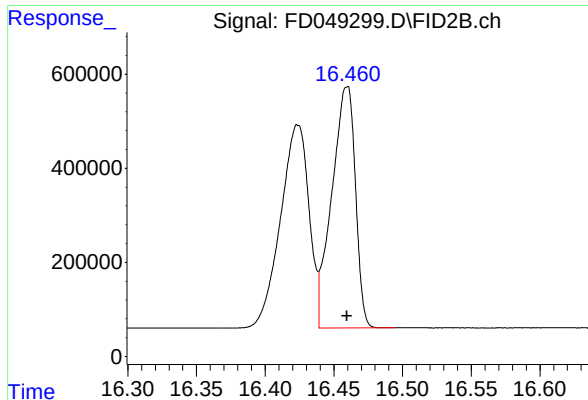
#15 Chrysene (C27.41)

R.T.: 14.916 min
Delta R.T.: 0.000 min
Response: 6224941
Conc: 51.06 ug/ml



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

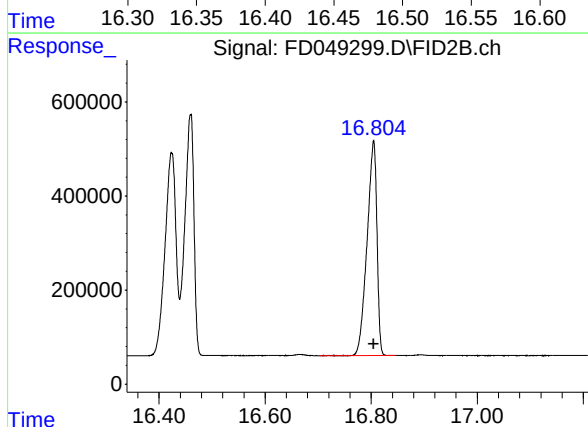
R.T.: 16.424 min
Delta R.T.: 0.000 min
Response: 6243646
Conc: 50.37 ug/ml



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

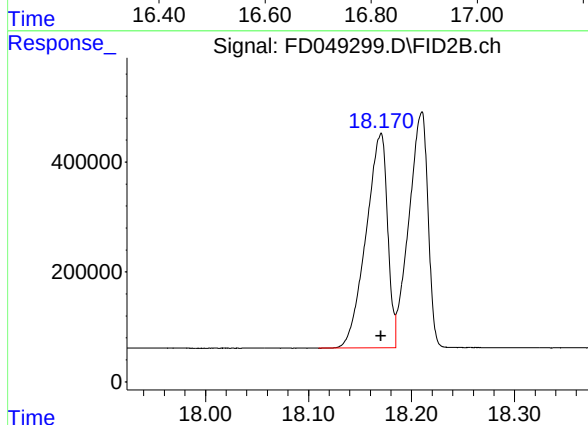
R.T.: 16.459 min
Delta R.T.: 0.000 min
Response: 6132161
Conc: 50.46 ug/ml

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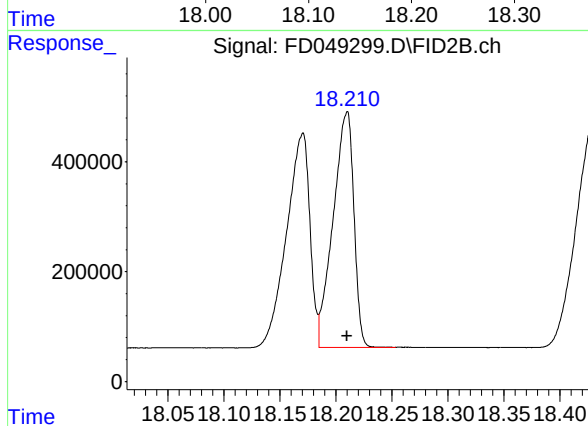
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.805 min
Delta R.T.: 0.000 min
Response: 5903388
Conc: 50.38 ug/ml



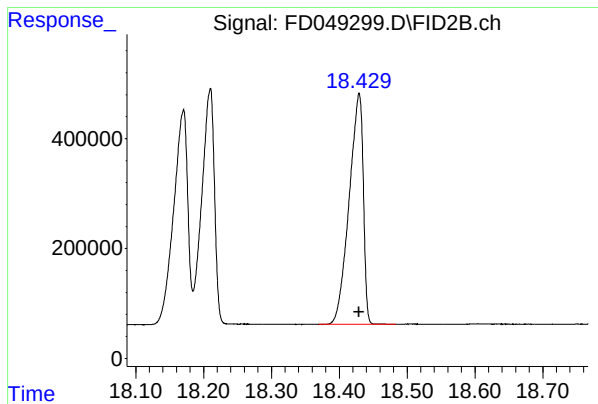
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.170 min
Delta R.T.: 0.000 min
Response: 5669871
Conc: 50.29 ug/ml



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

R.T.: 18.210 min
Delta R.T.: 0.000 min
Response: 5532200
Conc: 50.92 ug/ml



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

R.T.: 18.429 min
Delta R.T.: 0.000 min
Response: 6085248
Conc: 50.33 ug/ml

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