

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049073.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 13:58
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 10 15:32:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 15:28:06 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...	7.352	6832671	49.548 ug/ml
Spiked Amount 50.000		Recovery =	99.10%
6) S 2-Fluorobiphenyl (SURR)	8.201	4519240	50.269 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.54%
11) S ortho-Terphenyl (SURR)	11.236	7609409	49.605 ug/ml
Spiked Amount 50.000		Recovery =	99.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	7483064	49.395 ug/ml
2) T Naphthalene (C11.7)	5.693	7711753	49.870 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	7516774	49.613 ug/ml
5) T Acenaphthylene (C15.06)	8.005	7704821	49.636 ug/ml
7) T Acenaphthene (C15.5)	8.300	7602127	49.425 ug/ml
8) T Fluorene (C16.55)	9.078	7593219	49.722 ug/ml
9) T Phenanthrene (C19.36)	10.465	7379729	49.990 ug/ml
10) T Anthracene (C19.43)	10.541	7344304	49.955 ug/ml
12) T Fluoranthene (C21.85)	12.270	7455312	49.876 ug/ml
13) T Pyrene (C20.8)	12.562	7417138	50.088 ug/ml
14) T Benzo[a]anthracene (C...	14.434	6964194	50.597 ug/ml
15) T Chrysene (C27.41)	14.475	7274381	49.429 ug/ml
16) T benzo[b]fluoranthene ...	15.983	6978240	50.160 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	7115728	49.346 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	6633881	50.057 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.724	5940391	50.812 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	7026106	49.374 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	6832759	49.851 ug/ml

(f)=RT Delta > 1/2 Window

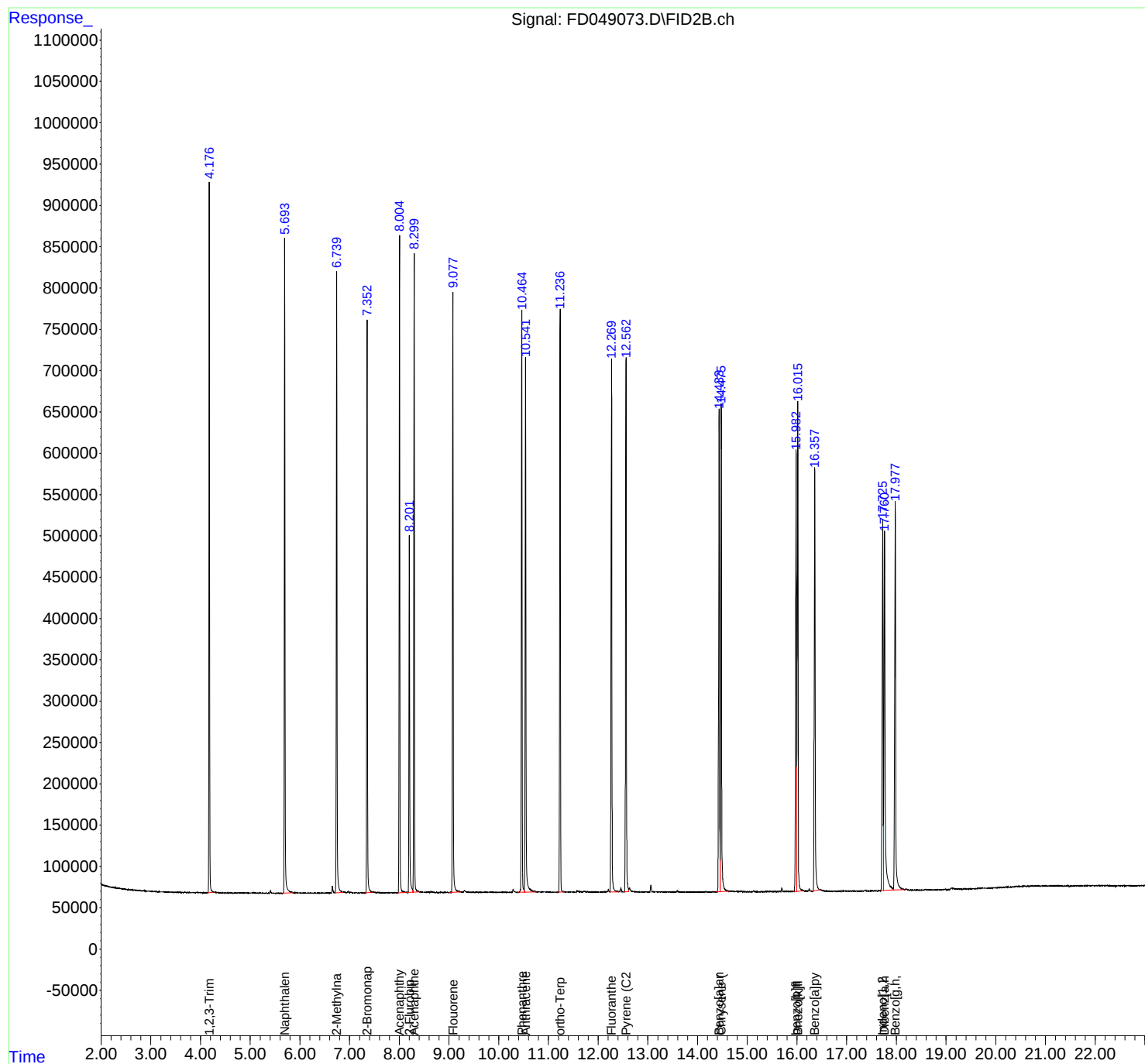
(m)=manual int.

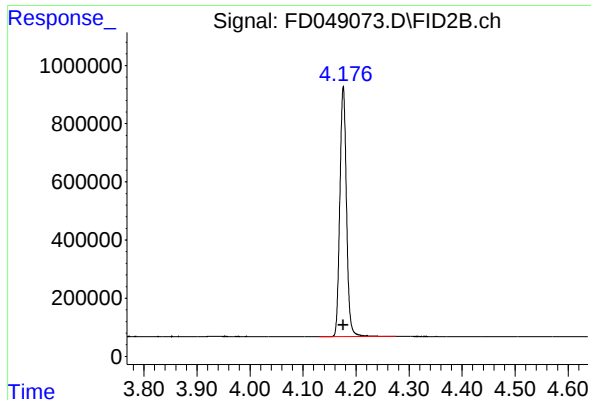
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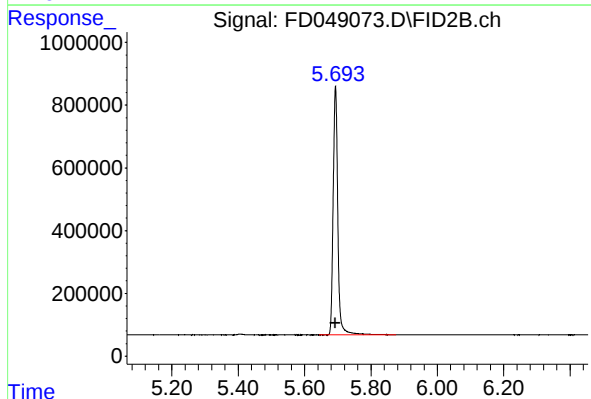




#1 1,2,3-Trimethylbenzene (C10.1)

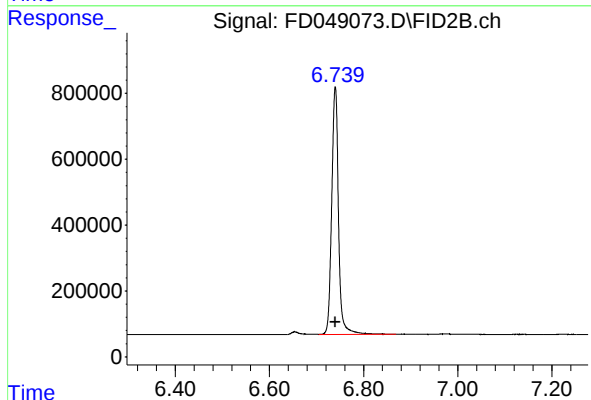
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 7483064
Conc: 49.40 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



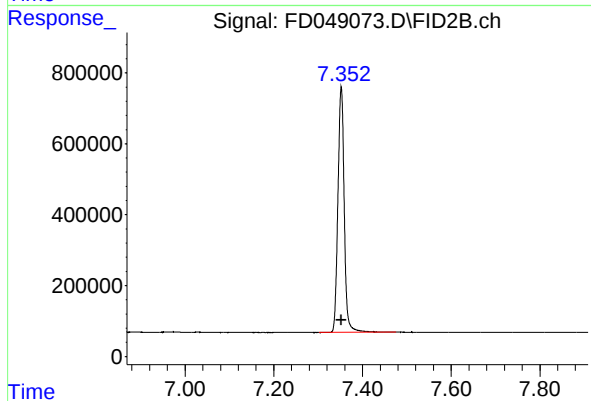
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 7711753
Conc: 49.87 ug/ml



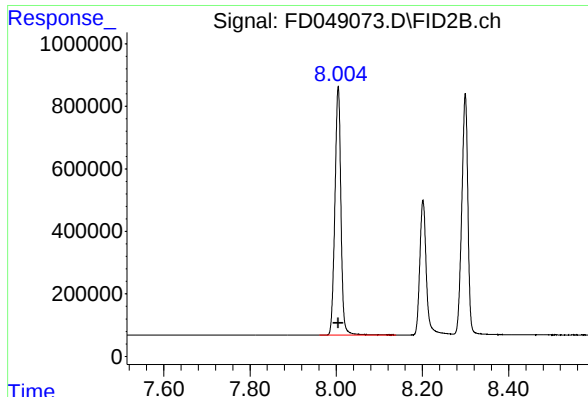
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 7516774
Conc: 49.61 ug/ml



#4 2-Bromonaphthalene (SURR)

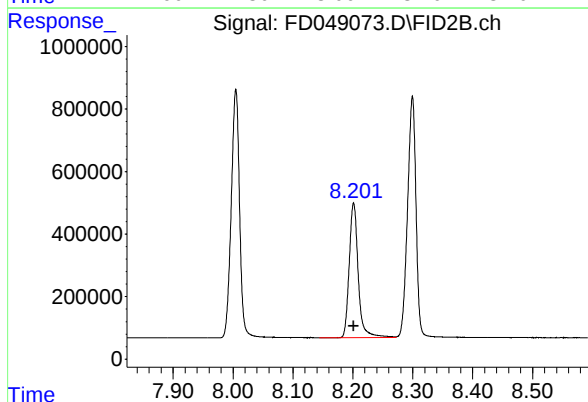
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 6832671
Conc: 49.55 ug/ml



#5 Acenaphthylene (C15.06)

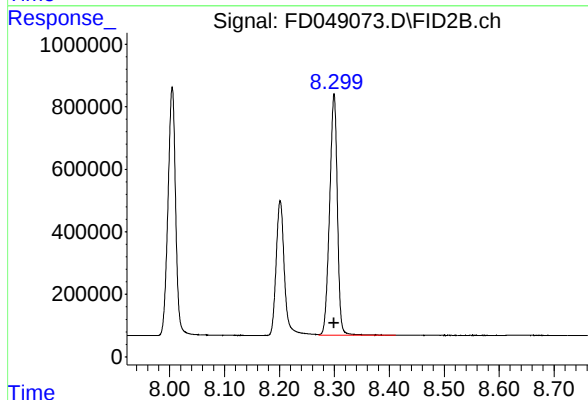
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 7704821
Conc: 49.64 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



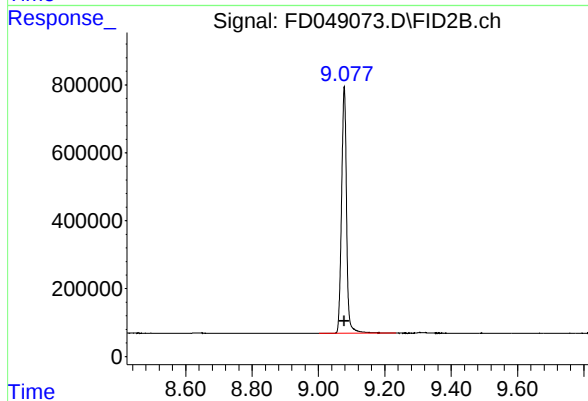
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 4519240
Conc: 50.27 ug/ml



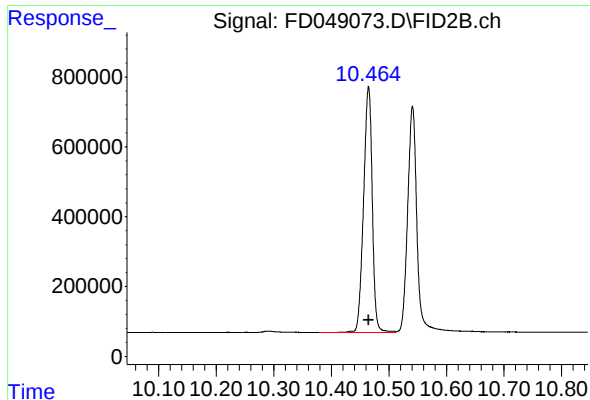
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.000 min
Response: 7602127
Conc: 49.42 ug/ml



#8 Flouorene (C16.55)

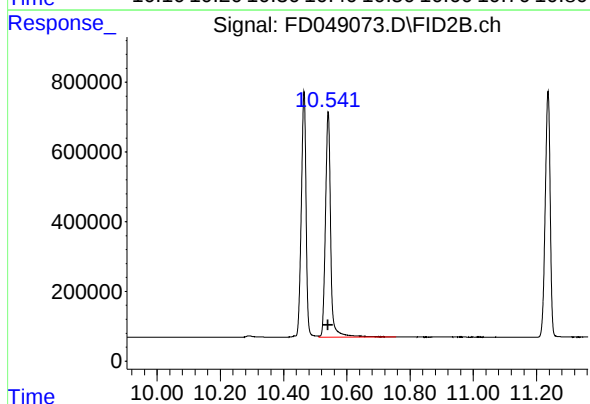
R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 7593219
Conc: 49.72 ug/ml



#9 Phenanthrene (C19.36)

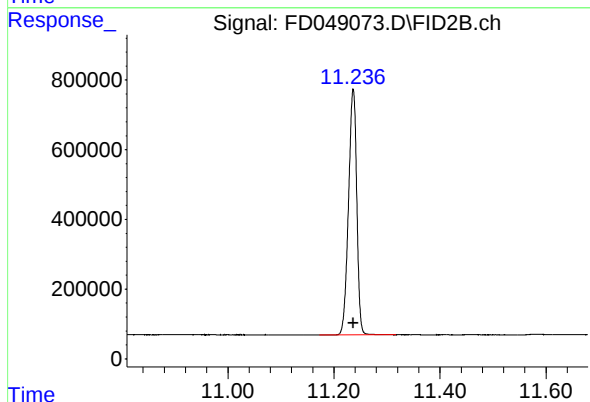
R.T.: 10.465 min
Delta R.T.: 0.000 min
Response: 7379729
Conc: 49.99 ug/ml

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50 PPM AROMATIC HC STD2



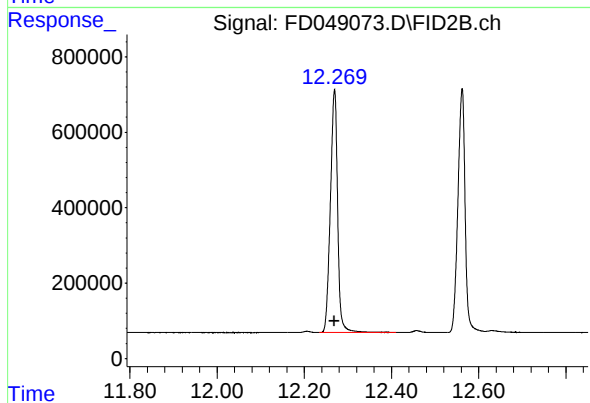
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: 0.000 min
Response: 7344304
Conc: 49.96 ug/ml



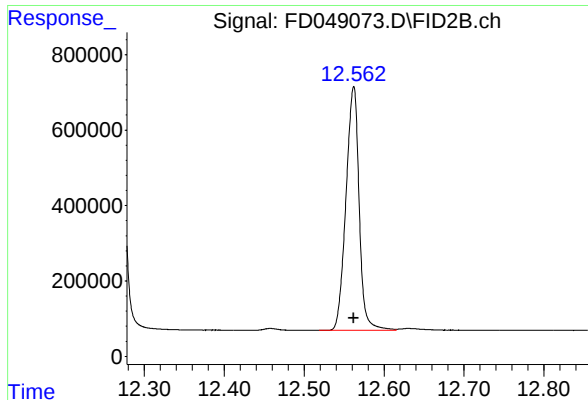
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.000 min
Response: 7609409
Conc: 49.60 ug/ml



#12 Fluoranthene (C21.85)

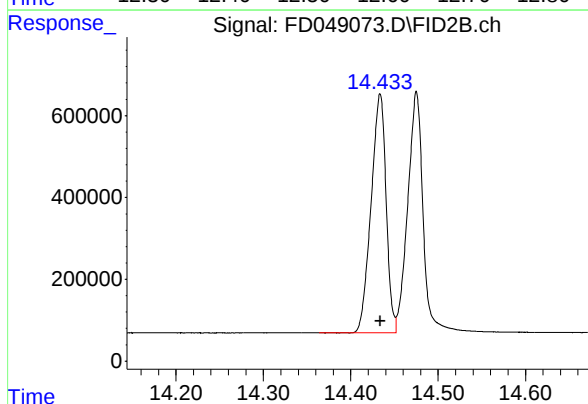
R.T.: 12.270 min
Delta R.T.: 0.000 min
Response: 7455312
Conc: 49.88 ug/ml



#13 Pyrene (C20.8)

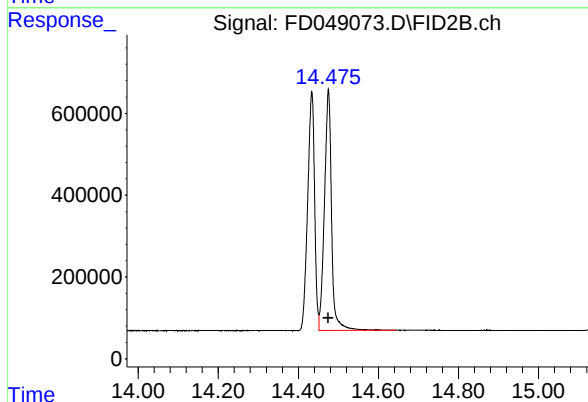
R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 7417138
Conc: 50.09 ug/ml

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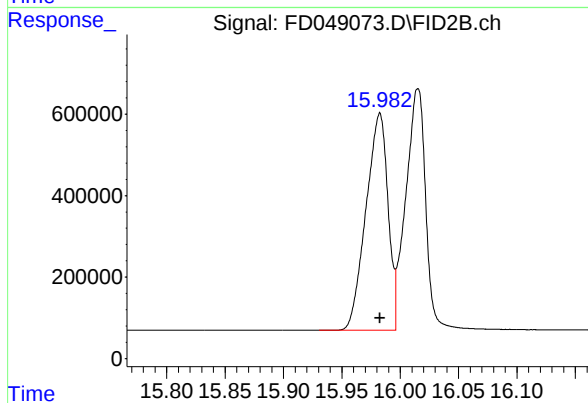
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: 0.000 min
Response: 6964194
Conc: 50.60 ug/ml



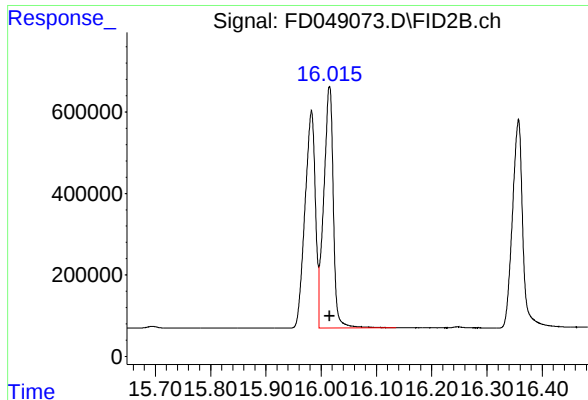
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: 0.000 min
Response: 7274381
Conc: 49.43 ug/ml



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

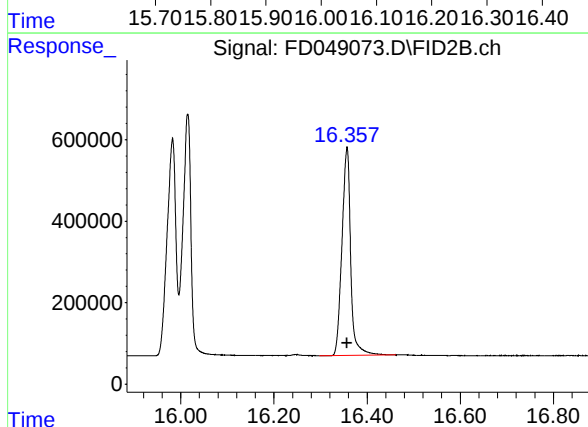
R.T.: 15.983 min
Delta R.T.: 0.000 min
Response: 6978240
Conc: 50.16 ug/ml



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

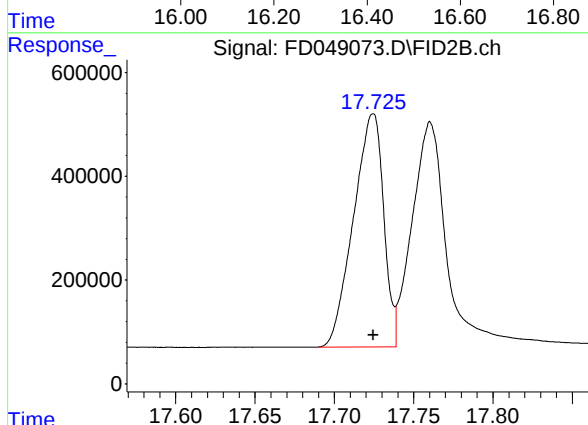
R.T.: 16.015 min
Delta R.T.: 0.000 min
Response: 7115728
Conc: 49.35 ug/ml

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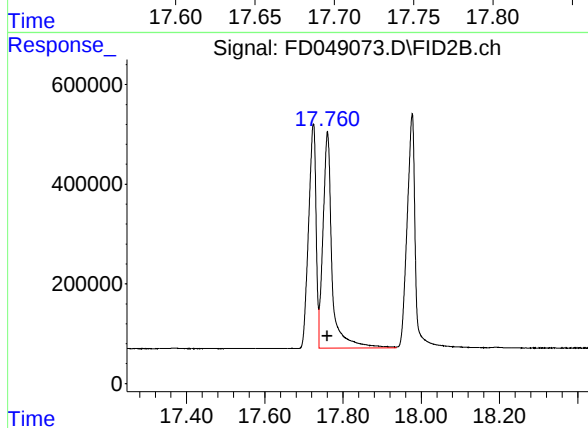
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: 0.000 min
Response: 6633881
Conc: 50.06 ug/ml



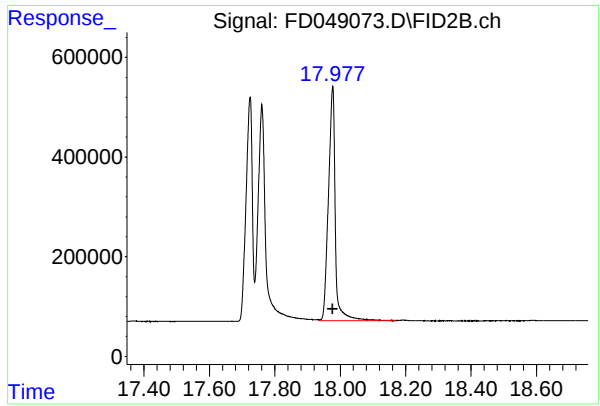
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 5940391
Conc: 50.81 ug/ml



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

R.T.: 17.760 min
Delta R.T.: 0.000 min
Response: 7026106
Conc: 49.37 ug/ml



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

R.T.: 17.977 min

Delta R.T.: 0.000 min

Response: 6832759

Conc: 49.85 ug/ml

Instrument :

FID_D

ClientSampleId :

50 PPM AROMATIC HC STD2