

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103024AR\
 Data File : FD048630.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 21:43
 Operator : YP/AJ
 Sample : P4578-05MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WB-305-BOTMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e

Quant Time: Nov 01 01:03:36 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

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...	7.373	7467714	49.201 ug/ml
Spiked Amount 50.000		Recovery =	98.40%
6) S 2-Fluorobiphenyl (SURR)	8.222	4620375	47.055 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.11%
11) S ortho-Terphenyl (SURR)	11.257	5863949	34.425 ug/ml
Spiked Amount 50.000		Recovery =	68.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	4920301	28.282 ug/mlm
2) T Naphthalene (C11.7)	5.713	5815643	32.593 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	5810207	32.484 ug/ml
5) T Acenaphthylene (C15.06)	8.025	6665482	37.960 ug/ml
7) T Acenaphthene (C15.5)	8.320	7005740	39.499 ug/ml
8) T Fluorene (C16.55)	9.098	6908004	40.867 ug/ml
9) T Phenanthrene (C19.36)	10.485	6804222	41.161 ug/ml
10) T Anthracene (C19.43)	10.561	6798493	42.514 ug/ml
12) T Fluoranthene (C21.85)	12.290	6834101	41.525 ug/mlm
13) T Pyrene (C20.8)	12.583	6661281	41.355 ug/ml
14) T Benzo[a]anthracene (C...	14.452	6331006	43.299 ug/ml
15) T Chrysene (C27.41)	14.495	6394235	38.873 ug/ml
16) T benzo[b]fluoranthene ...	16.000	6351512	41.778 ug/ml
17) T Bnezo[k]fluoranthene ...	16.034	6387963	42.500 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	6146235	40.840 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.742	6480771	49.669 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	6359196	39.077 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	6256988	40.871 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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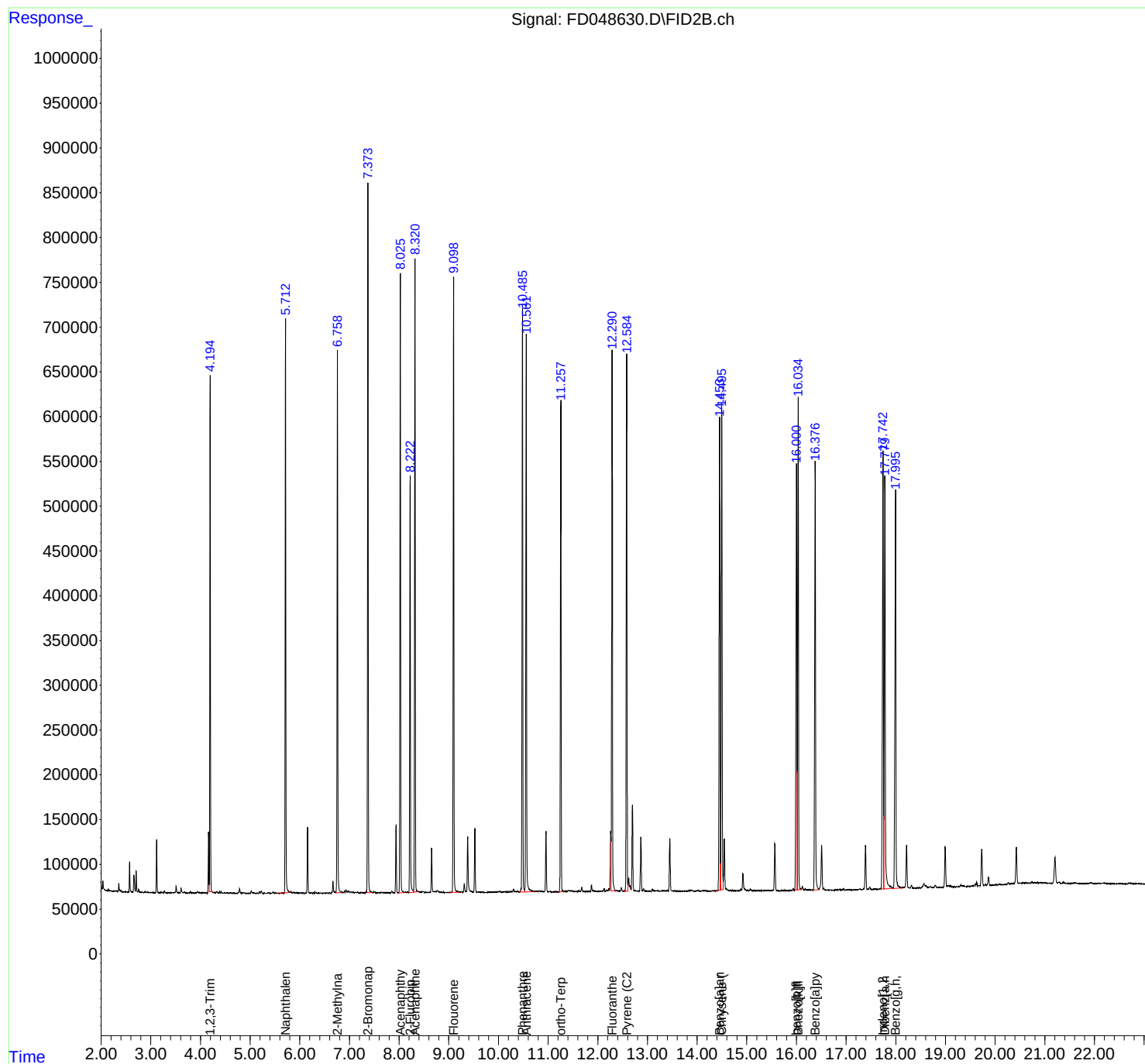
Instrument :
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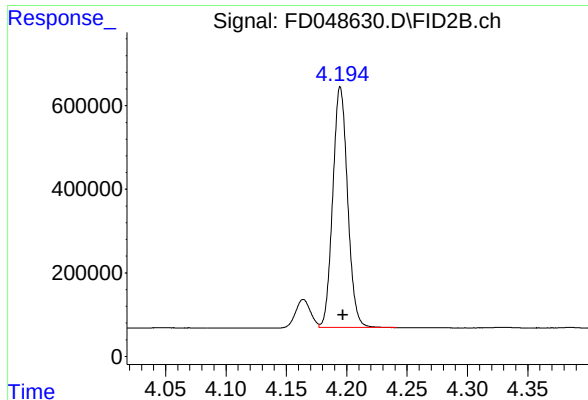
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Integrator: ChemStation

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





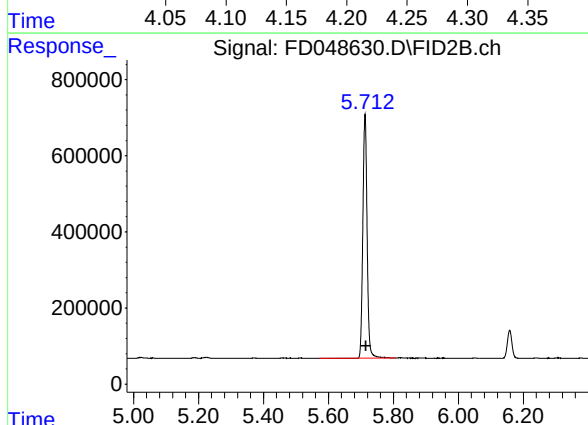
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.194 min
Delta R.T.: -0.003 min
Response: 4920301
Conc: 28.28 ug/ml

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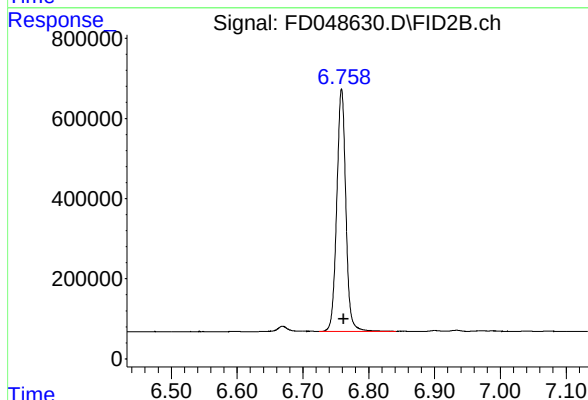
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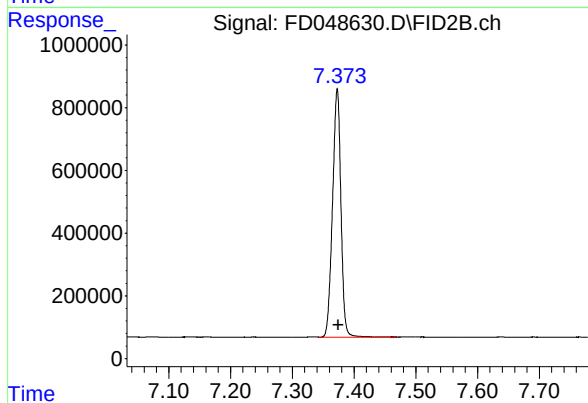
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: -0.003 min
Response: 5815643
Conc: 32.59 ug/ml



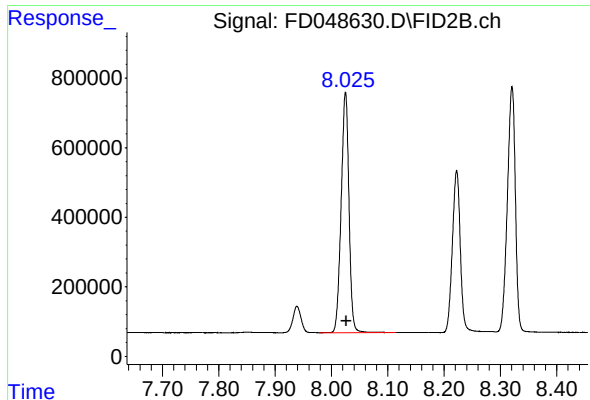
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 5810207
Conc: 32.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 7467714
Conc: 49.20 ug/ml



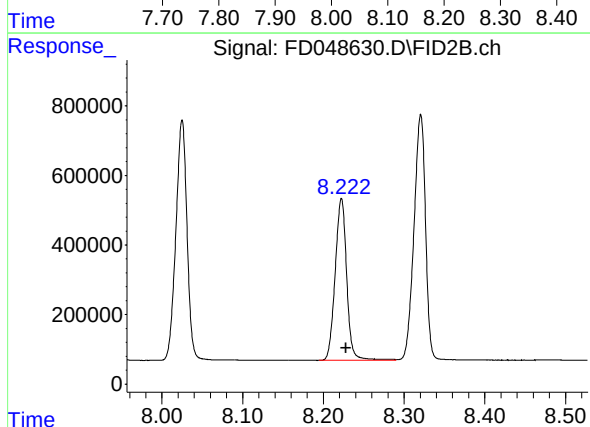
#5 Acenaphthylene (C15.06)

R.T.: 8.025 min
Delta R.T.: -0.001 min
Response: 6665482
Conc: 37.96 ug/ml

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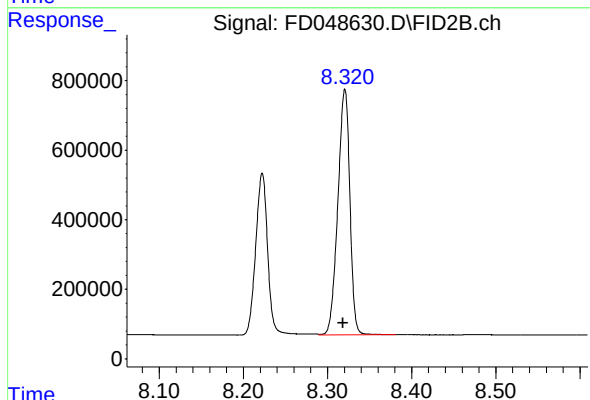
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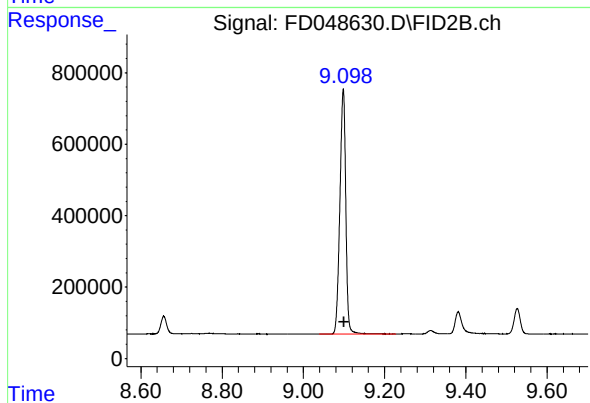
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 4620375
Conc: 47.05 ug/ml



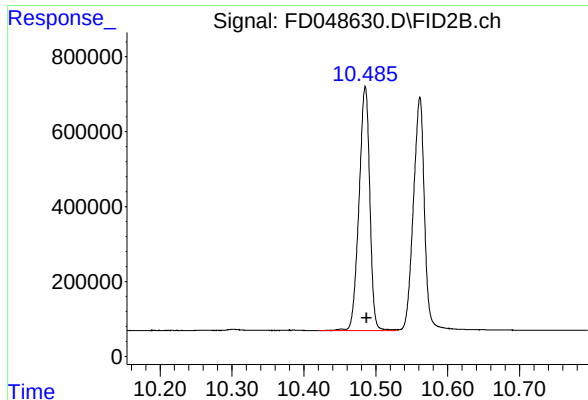
#7 Acenaphthene (C15.5)

R.T.: 8.320 min
Delta R.T.: 0.002 min
Response: 7005740
Conc: 39.50 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.098 min
Delta R.T.: -0.003 min
Response: 6908004
Conc: 40.87 ug/ml



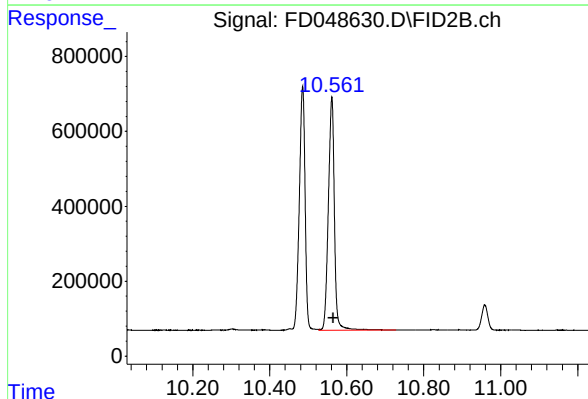
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: -0.002 min
Response: 6804222
Conc: 41.16 ug/ml

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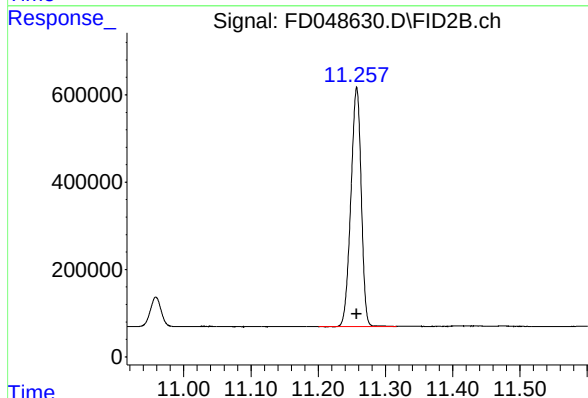
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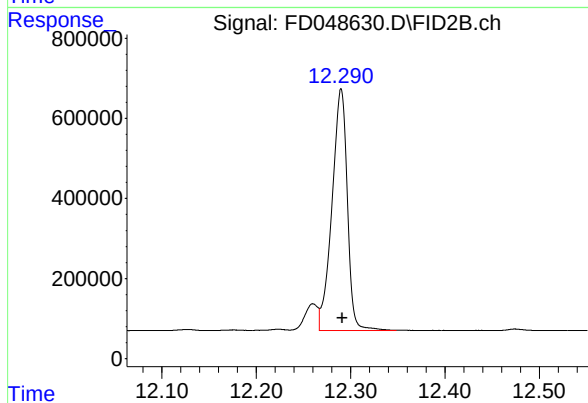
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: -0.004 min
Response: 6798493
Conc: 42.51 ug/ml



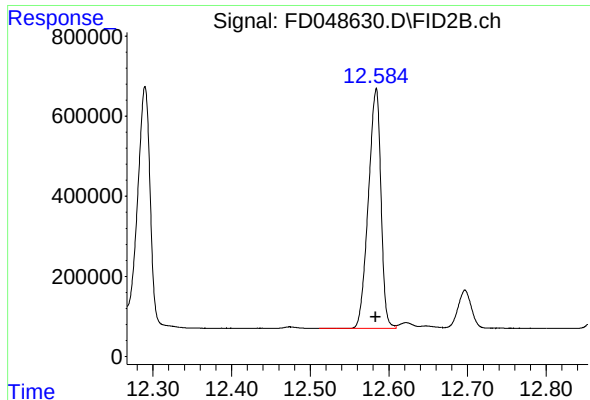
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 5863949
Conc: 34.43 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.290 min
Delta R.T.: -0.002 min
Response: 6834101
Conc: 41.53 ug/ml m



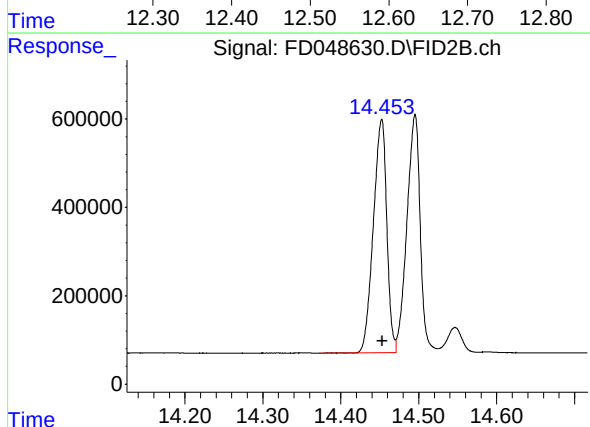
#13 Pyrene (C20.8)

R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 6661281
Conc: 41.35 ug/ml

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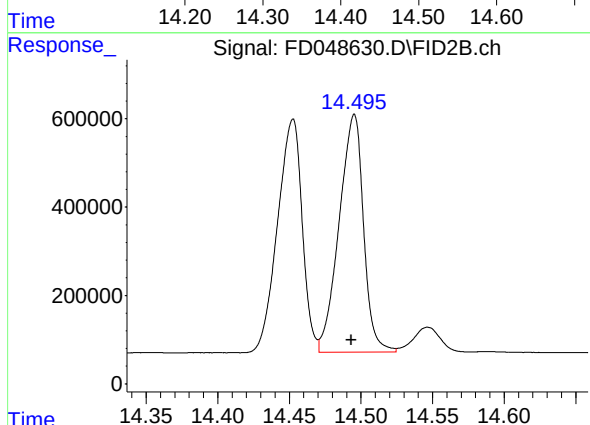
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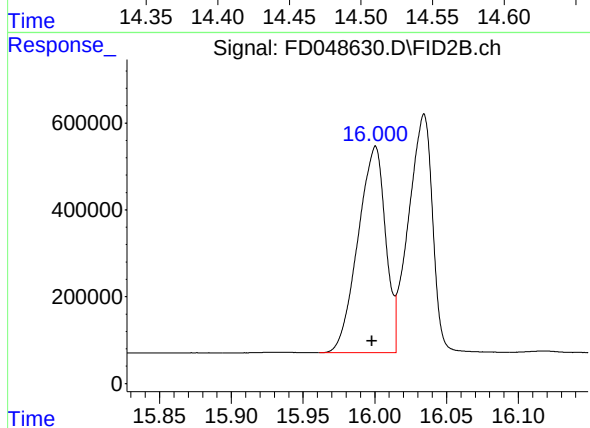
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: -0.001 min
Response: 6331006
Conc: 43.30 ug/ml



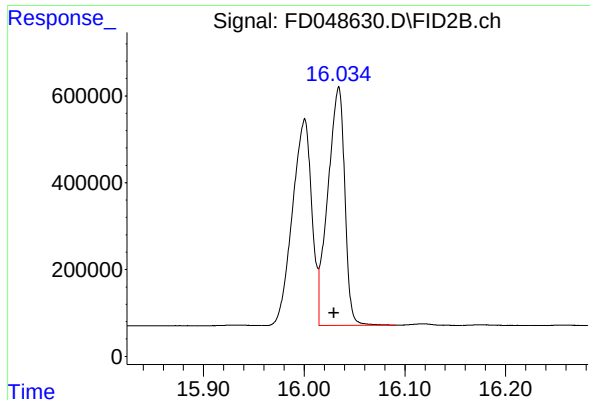
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: 0.001 min
Response: 6394235
Conc: 38.87 ug/ml



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

R.T.: 16.000 min
Delta R.T.: 0.002 min
Response: 6351512
Conc: 41.78 ug/ml



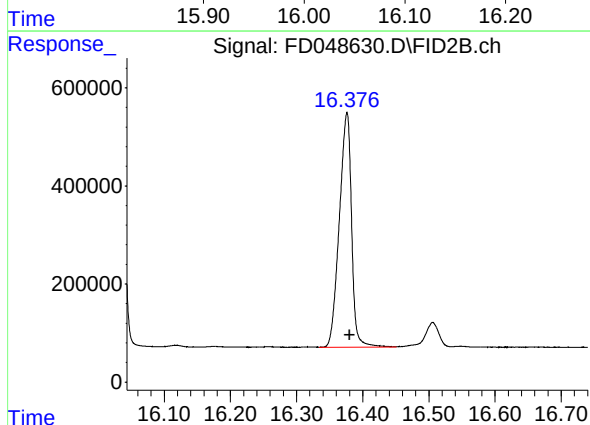
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.034 min
Delta R.T.: 0.004 min
Response: 6387963
Conc: 42.50 ug/ml

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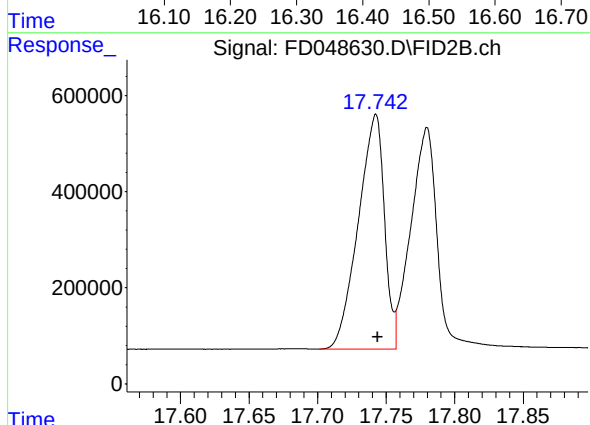
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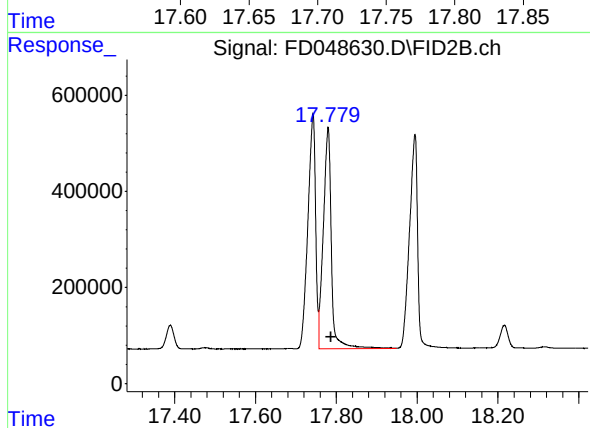
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: -0.005 min
Response: 6146235
Conc: 40.84 ug/ml



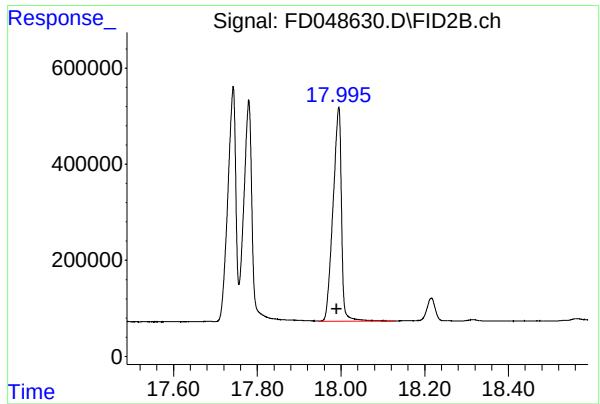
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.742 min
Delta R.T.: -0.002 min
Response: 6480771
Conc: 49.67 ug/ml



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

R.T.: 17.779 min
Delta R.T.: -0.007 min
Response: 6359196
Conc: 39.08 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.004 min
Response: 6256988
Conc: 40.87 ug/ml

Instrument :

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