

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103024AR\
 Data File : FD048624.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 18:04
 Operator : YP/AJ
 Sample : PB164525BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164525BS

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 01:02:40 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	7755971	51.100 ug/ml
Spiked Amount 50.000		Recovery =	102.20%
6) S 2-Fluorobiphenyl (SURR)	8.223	5165623	52.607 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.21%
11) S ortho-Terphenyl (SURR)	11.258	7474933	43.882 ug/ml
Spiked Amount 50.000		Recovery =	87.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	4855489	27.910 ug/mlm
2) T Naphthalene (C11.7)	5.712	5642483	31.622 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	5609712	31.363 ug/ml
5) T Acenaphthylene (C15.06)	8.025	6501012	37.023 ug/ml
7) T Acenaphthene (C15.5)	8.320	6922700	39.031 ug/ml
8) T Fluorene (C16.55)	9.098	6866064	40.619 ug/ml
9) T Phenanthrene (C19.36)	10.486	6808381	41.187 ug/ml
10) T Anthracene (C19.43)	10.561	6756572	42.252 ug/ml
12) T Fluoranthene (C21.85)	12.289	6999115	42.528 ug/mlm
13) T Pyrene (C20.8)	12.582	6791594	42.164 ug/ml
14) T Benzo[a]anthracene (C...	14.452	6411746	43.851 ug/ml
15) T Chrysene (C27.41)	14.494	6458235	39.262 ug/ml
16) T benzo[b]fluoranthene ...	15.999	6462850	42.511 ug/ml
17) T Bnezo[k]fluoranthene ...	16.034	6495480	43.216 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.375	6259856	41.595 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.742	6346582	48.641 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	6191231	38.045 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	6265654	40.927 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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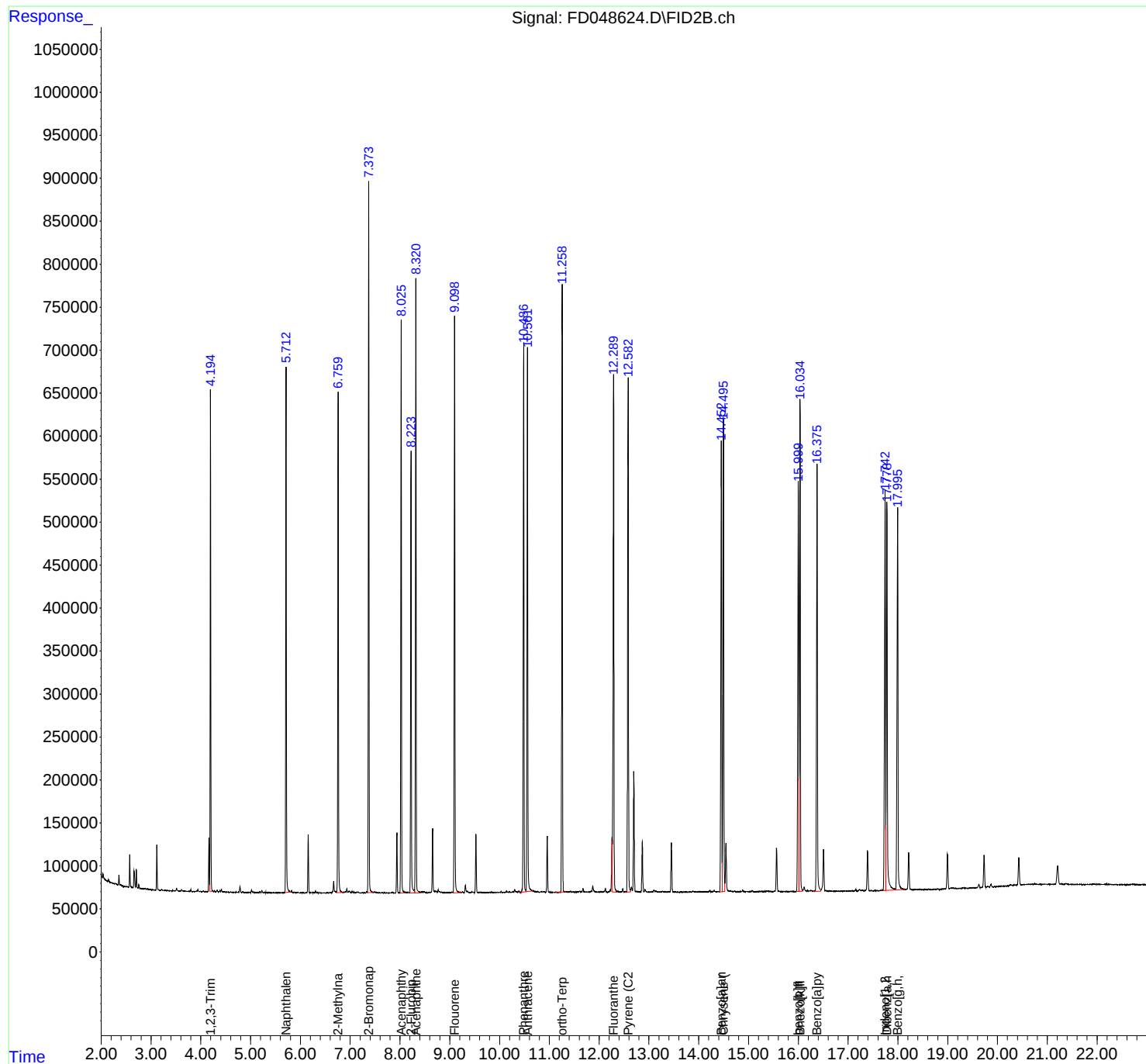
Response via : Initial Calibration

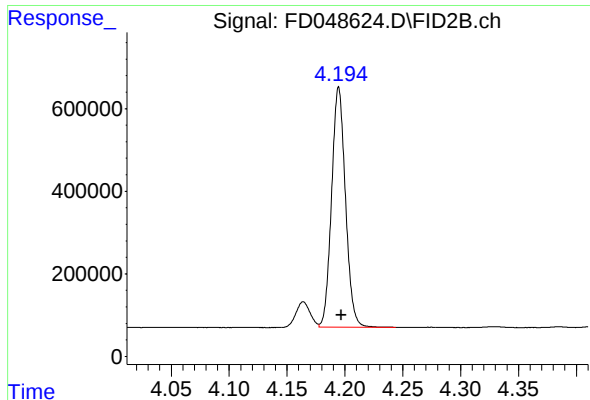
Integrator: ChemStation

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: 4855489
Conc: 27.91 ug/ml

Instrument :

FID_D

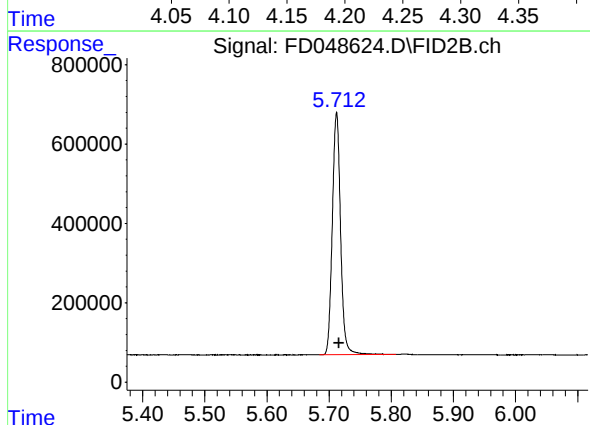
ClientSampleId :

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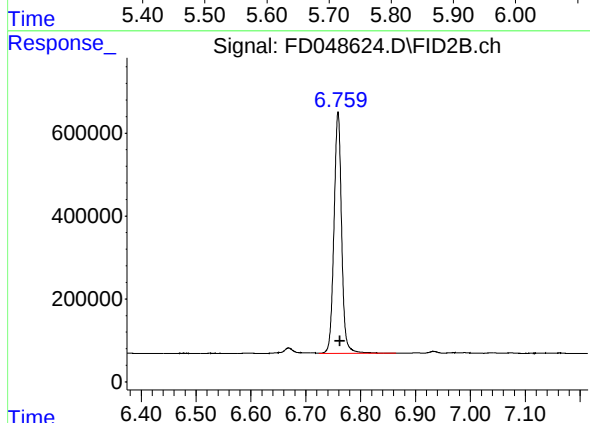
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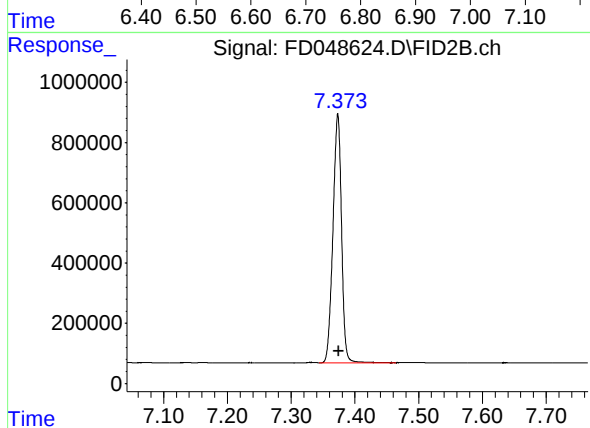
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.004 min
Response: 5642483
Conc: 31.62 ug/ml



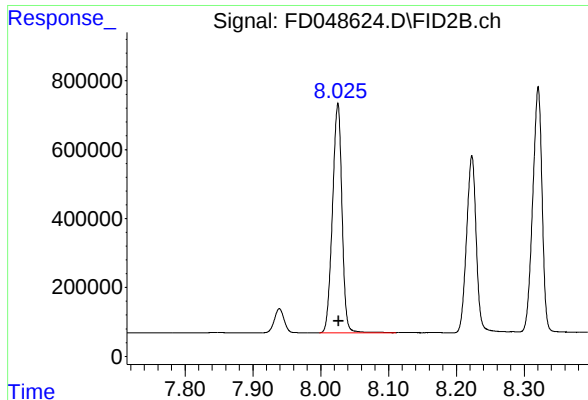
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 5609712
Conc: 31.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 7755971
Conc: 51.10 ug/ml



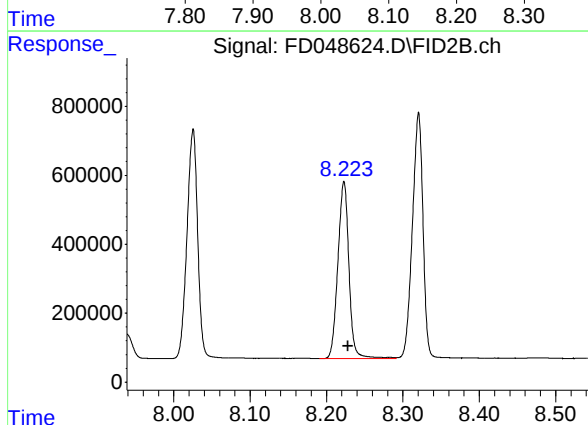
#5 Acenaphthylene (C15.06)

R.T.: 8.025 min
Delta R.T.: -0.001 min
Response: 6501012
Conc: 37.02 ug/ml

Instrument :
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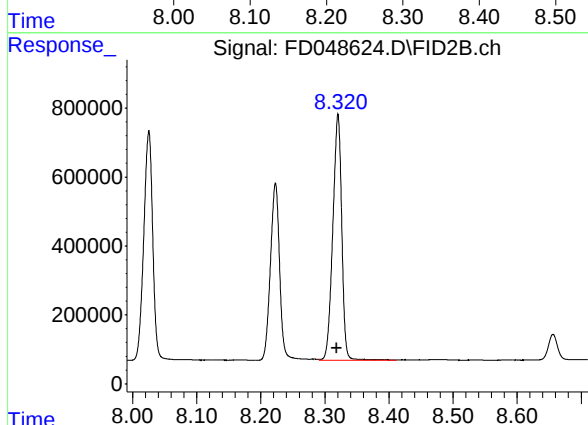
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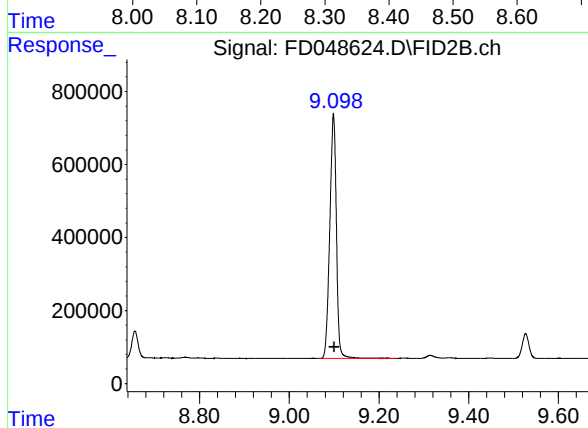
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 5165623
Conc: 52.61 ug/ml



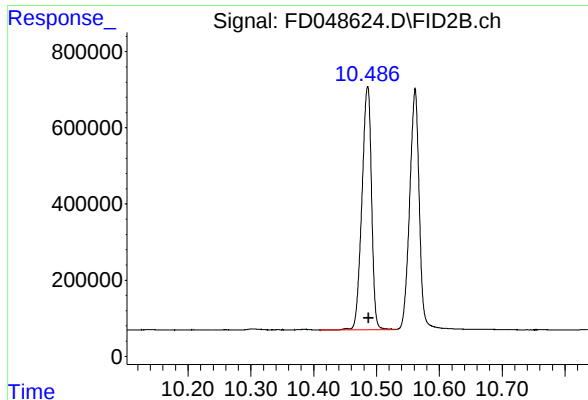
#7 Acenaphthene (C15.5)

R.T.: 8.320 min
Delta R.T.: 0.002 min
Response: 6922700
Conc: 39.03 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.098 min
Delta R.T.: -0.002 min
Response: 6866064
Conc: 40.62 ug/ml



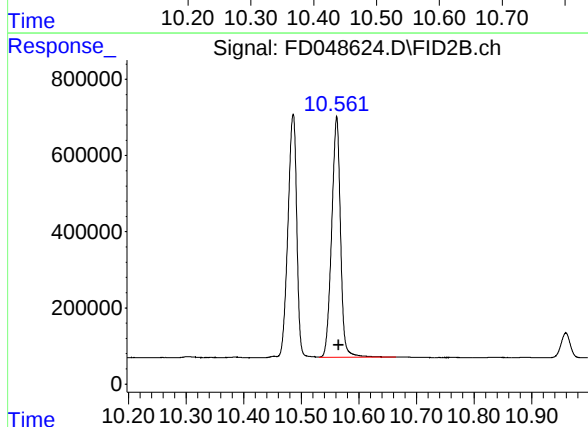
#9 Phenanthrene (C19.36)

R.T.: 10.486 min
Delta R.T.: -0.002 min
Response: 6808381
Conc: 41.19 ug/ml

Instrument :
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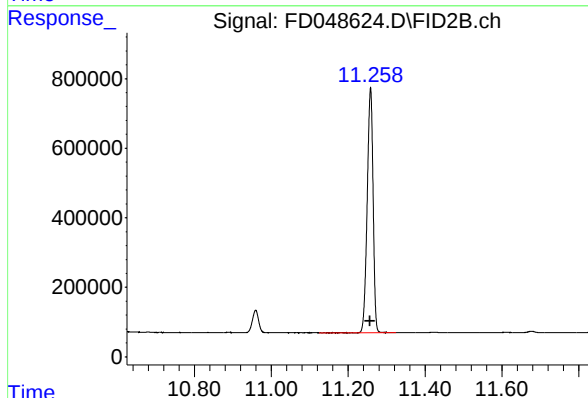
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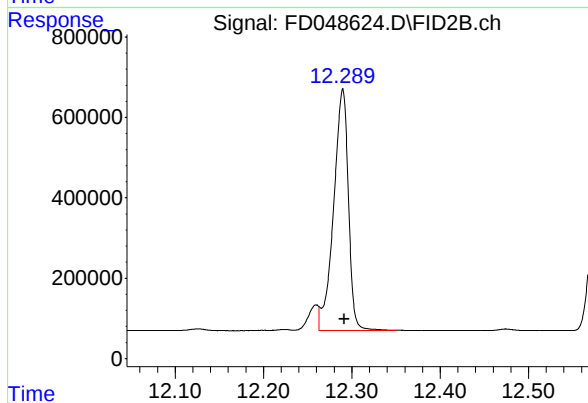
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: -0.004 min
Response: 6756572
Conc: 42.25 ug/ml



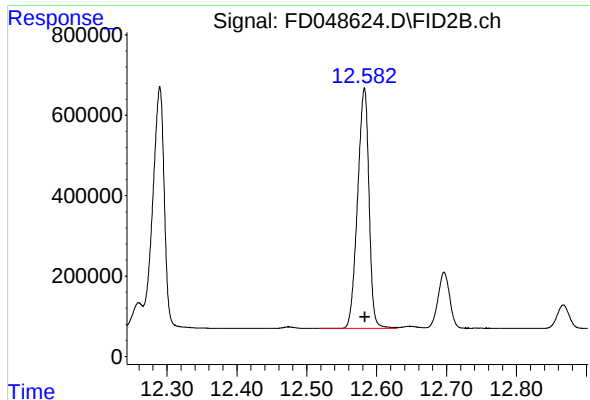
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.001 min
Response: 7474933
Conc: 43.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.289 min
Delta R.T.: -0.002 min
Response: 6999115
Conc: 42.53 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.582 min
Delta R.T.: -0.001 min
Response: 6791594
Conc: 42.16 ug/ml

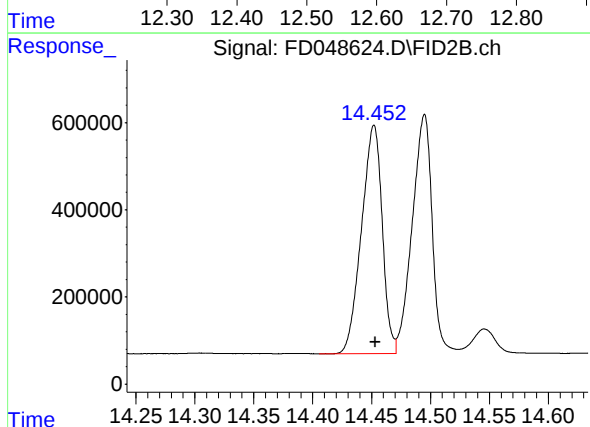
Instrument :

FID_D

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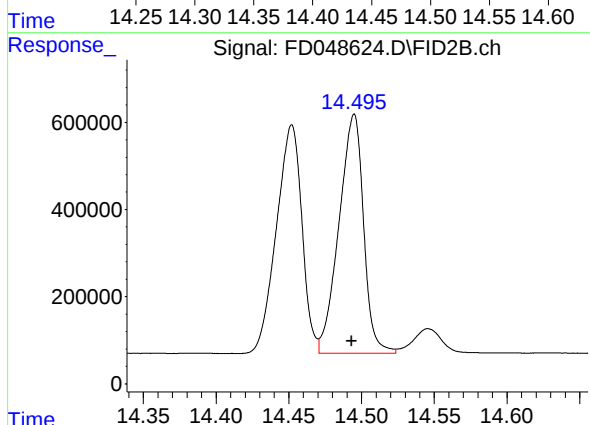
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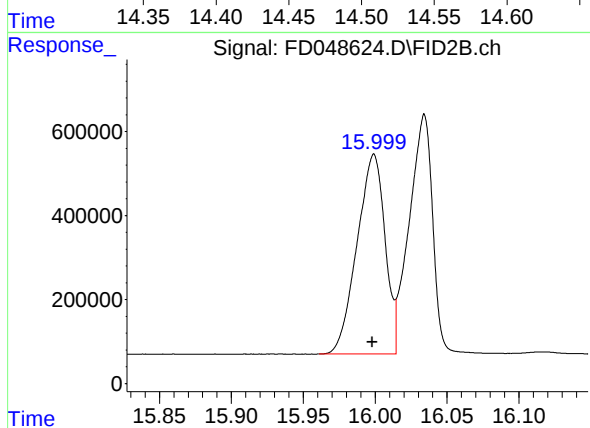
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: -0.002 min
Response: 6411746
Conc: 43.85 ug/ml



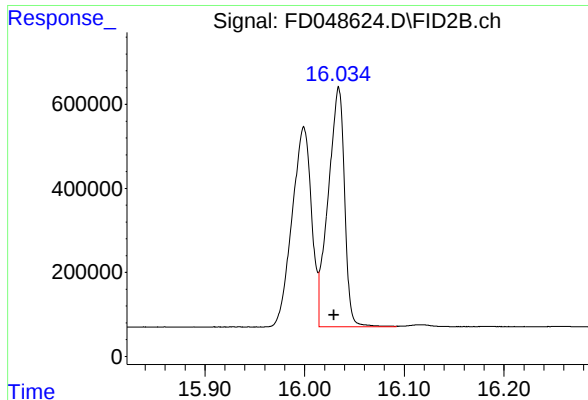
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.001 min
Response: 6458235
Conc: 39.26 ug/ml



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

R.T.: 15.999 min
Delta R.T.: 0.000 min
Response: 6462850
Conc: 42.51 ug/ml



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

R.T.: 16.034 min
Delta R.T.: 0.004 min
Response: 6495480
Conc: 43.22 ug/ml

Instrument :

FID_D

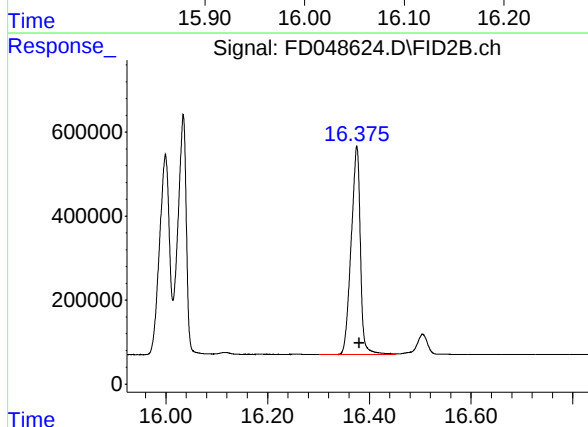
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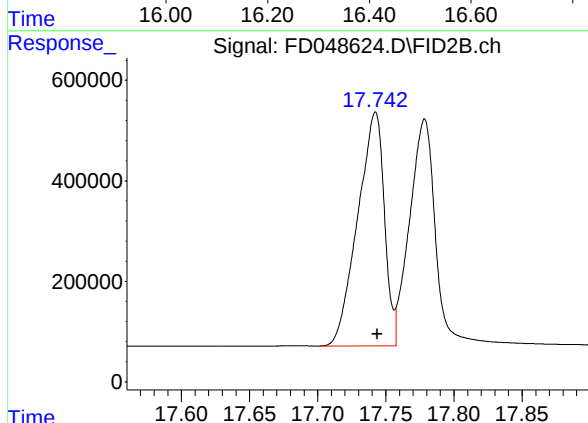
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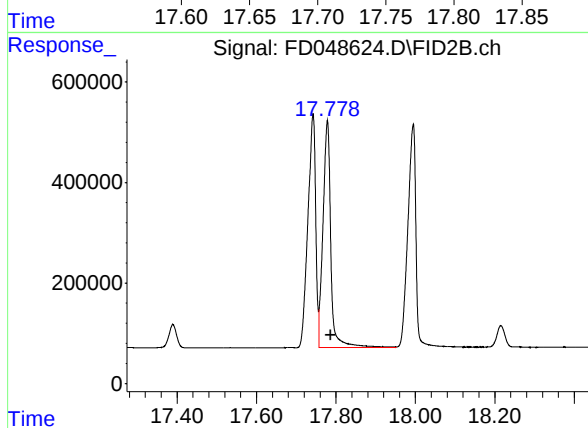
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.375 min
Delta R.T.: -0.006 min
Response: 6259856
Conc: 41.59 ug/ml



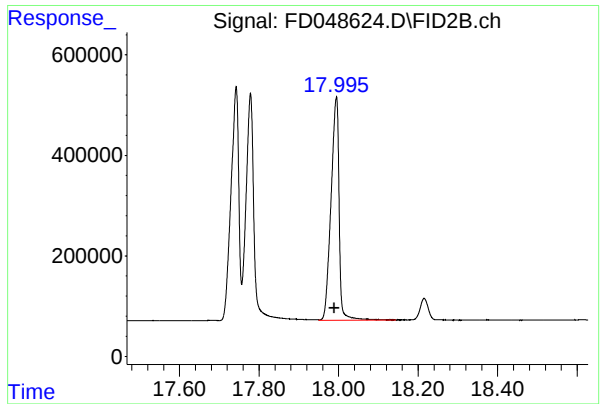
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.742 min
Delta R.T.: -0.002 min
Response: 6346582
Conc: 48.64 ug/ml



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

R.T.: 17.778 min
Delta R.T.: -0.009 min
Response: 6191231
Conc: 38.04 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.004 min
Response: 6265654
Conc: 40.93 ug/ml

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