

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112524AR\
 Data File : FD048814.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2024 16:56
 Operator : YP/AJ
 Sample : PB165222BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165222BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/26/2024

Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e

Quant Time: Nov 26 00:57:55 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:16:25 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...	7.365	7398065	42.020 ug/ml
Spiked Amount 50.000		Recovery =	84.04%
6) S 2-Fluorobiphenyl (SURR)	8.214	3907809	33.931 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.86%
11) S ortho-Terphenyl (SURR)	11.251	7264543	37.770 ug/ml
Spiked Amount 50.000		Recovery =	75.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	4819761	25.574 ug/ml
2) T Naphthalene (C11.7)	5.704	6284836	32.135 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	6475602	33.885 ug/ml
5) T Acenaphthylene (C15.06)	8.018	7985808	41.180 ug/ml
7) T Acenaphthene (C15.5)	8.313	8272096	43.007 ug/ml
8) T Fluorene (C16.55)	9.092	8655597	45.116 ug/ml
9) T Phenanthrene (C19.36)	10.481	8995576	49.075 ug/ml
10) T Anthracene (C19.43)	10.557	9107312	48.632 ug/ml
12) T Fluoranthene (C21.85)	12.286	9230704	50.407 ug/mlm
13) T Pyrene (C20.8)	12.579	9168074	50.710 ug/ml
14) T Benzo[a]anthracene (C...	14.450	8678450	52.756 ug/ml
15) T Chrysene (C27.41)	14.493	8673981	49.562 ug/ml
16) T benzo[b]fluoranthene ...	15.998	8254492	52.537 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	8273814	50.699 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	7848802	52.642 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	7644249	61.882 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	7537055	48.064 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	7313758	51.258 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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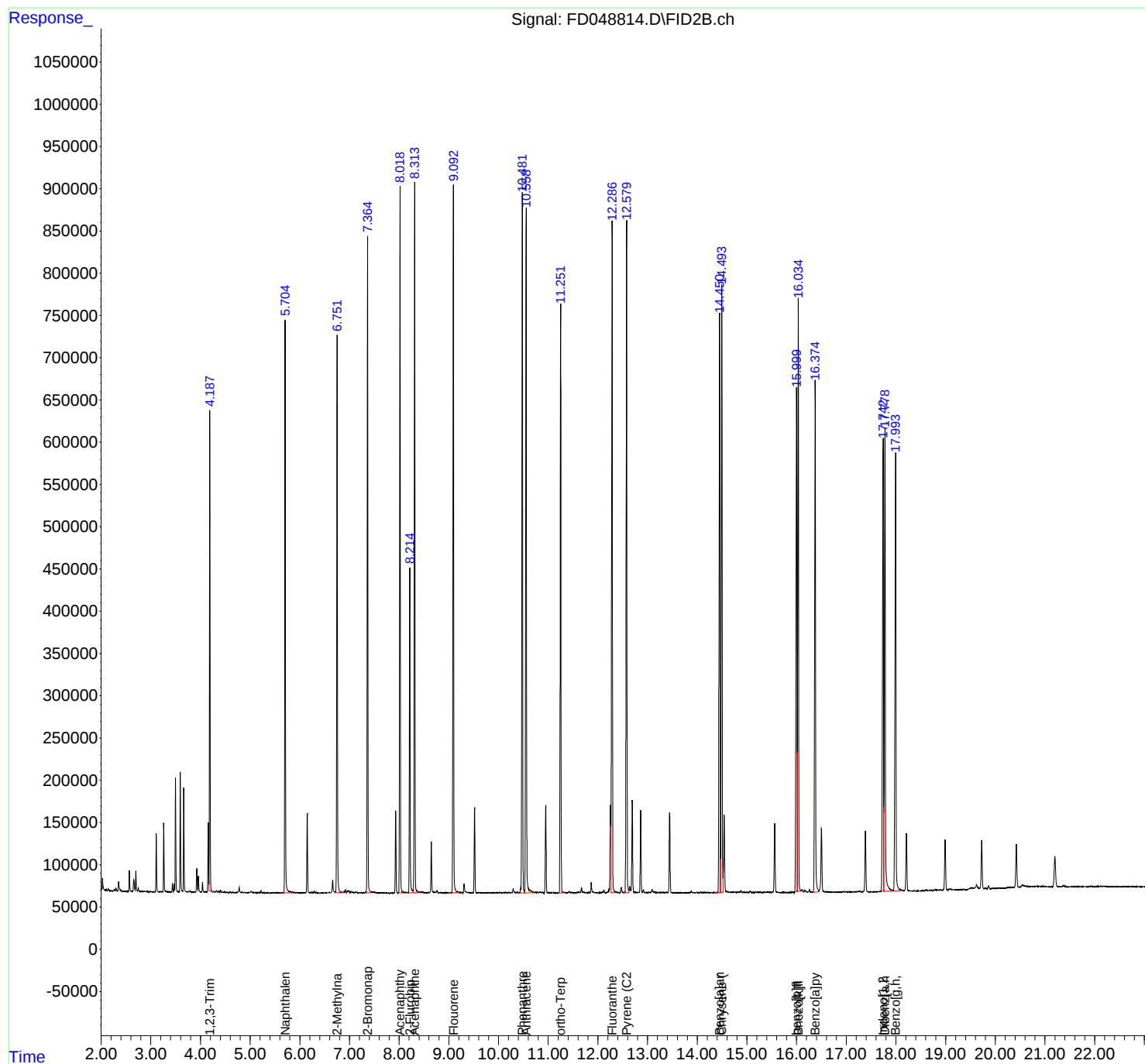
Response via : Initial Calibration

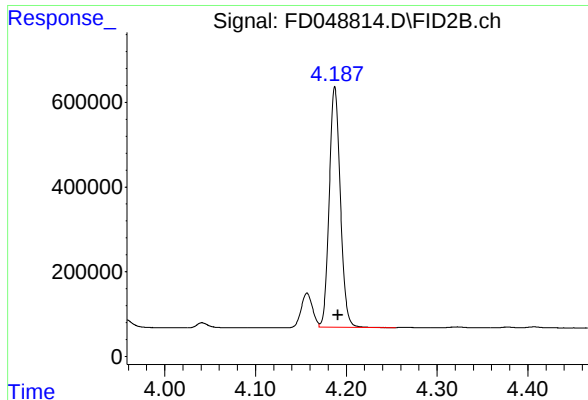
Integrator: ChemStation

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.: 4.188 min
Delta R.T.: -0.003 min
Response: 4819761
Conc: 25.57 ug/ml

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FID_D

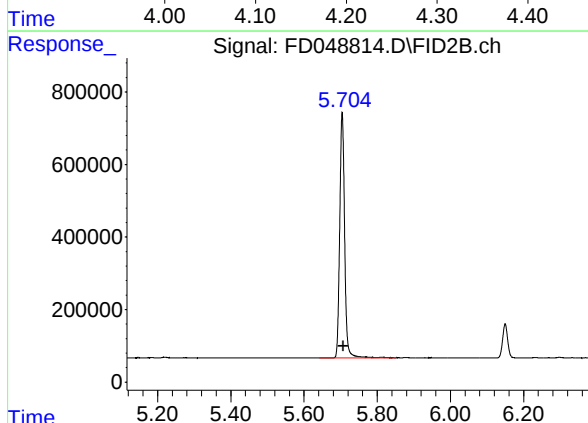
ClientSampleId :

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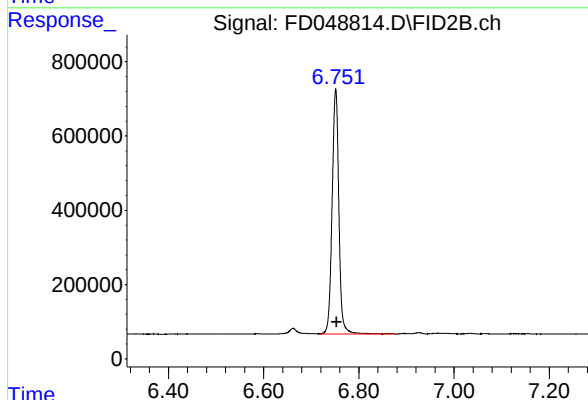
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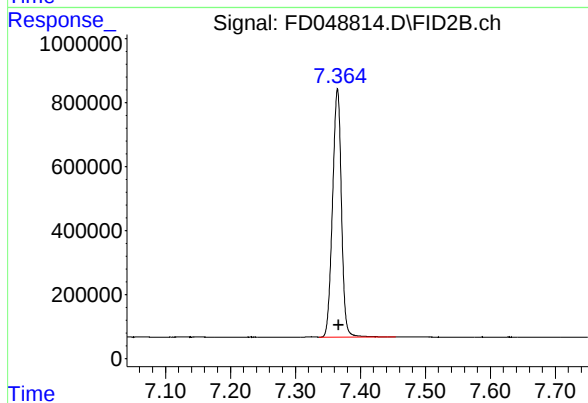
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 6284836
Conc: 32.14 ug/ml



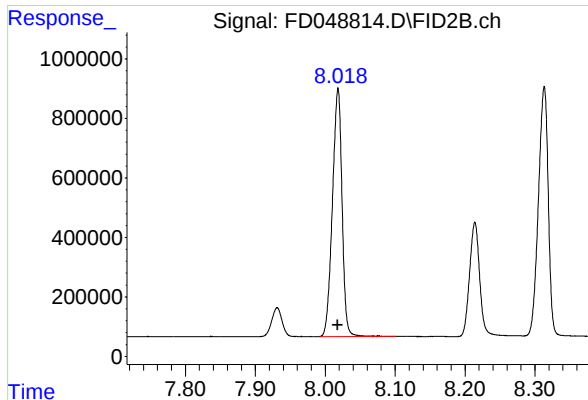
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 6475602
Conc: 33.88 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 7398065
Conc: 42.02 ug/ml



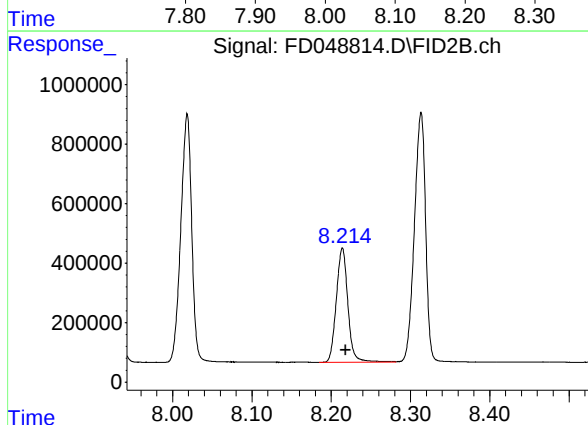
#5 Acenaphthylene (C15.06)

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 7985808
Conc: 41.18 ug/ml

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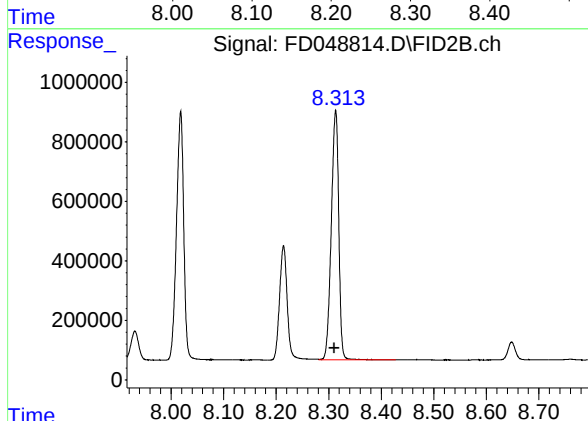
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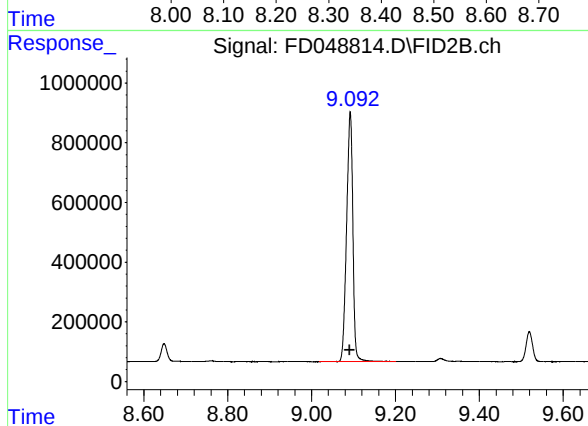
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.004 min
Response: 3907809
Conc: 33.93 ug/ml



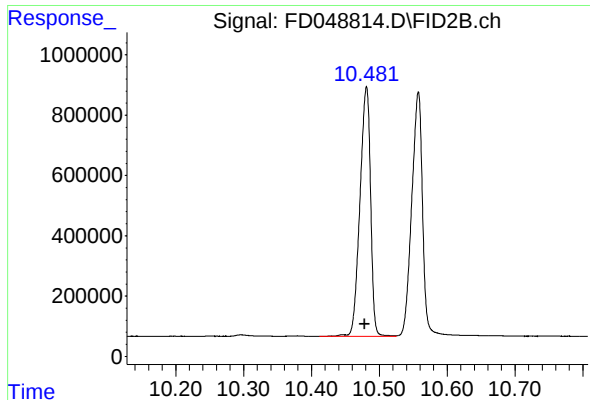
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: 0.002 min
Response: 8272096
Conc: 43.01 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 8655597
Conc: 45.12 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.481 min
Delta R.T.: 0.003 min
Response: 8995576
Conc: 49.07 ug/ml

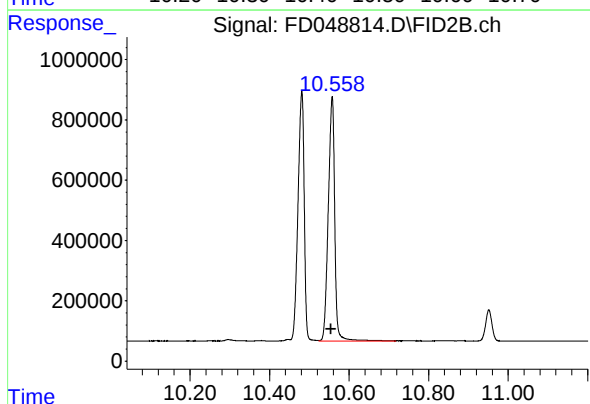
Instrument :

FID_D

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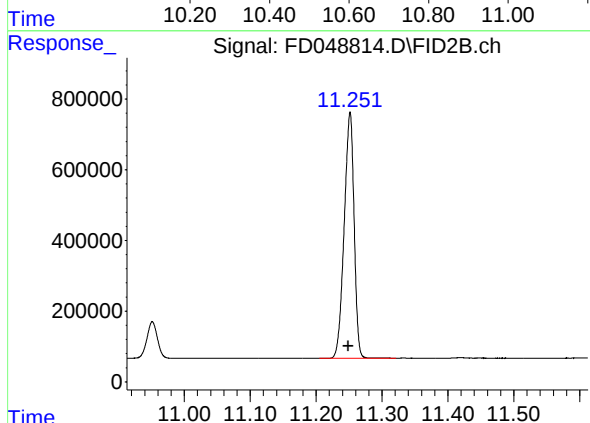
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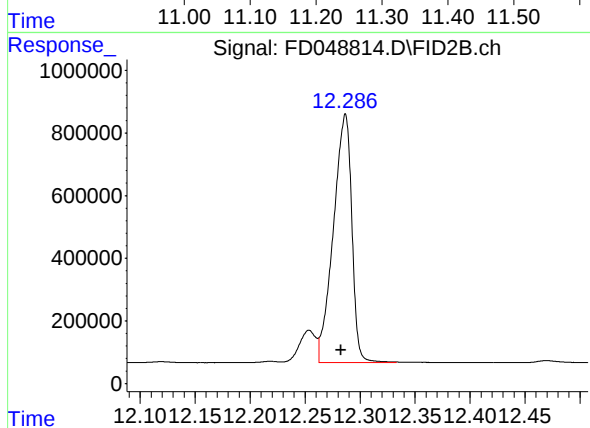
#10 Anthracene (C19.43)

R.T.: 10.557 min
Delta R.T.: 0.003 min
Response: 9107312
Conc: 48.63 ug/ml



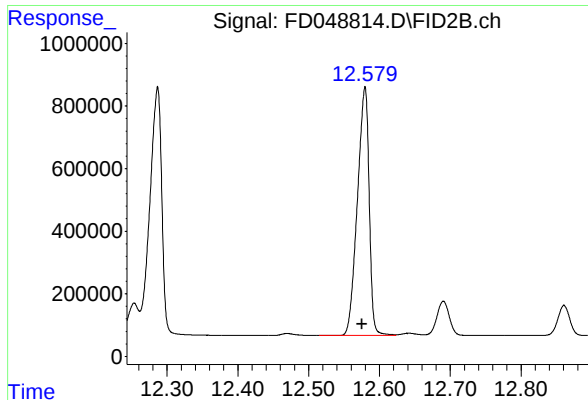
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.003 min
Response: 7264543
Conc: 37.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.286 min
Delta R.T.: 0.004 min
Response: 9230704
Conc: 50.41 ug/ml m



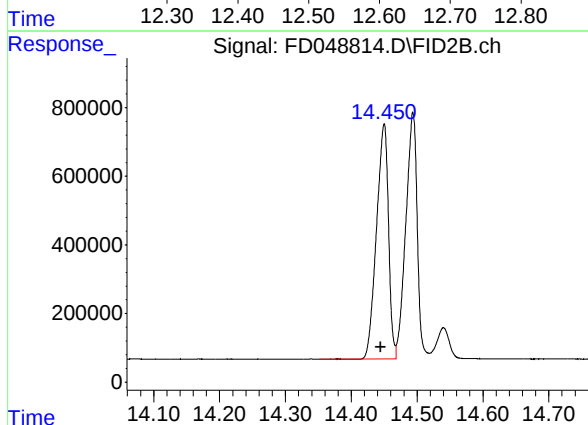
#13 Pyrene (C20.8)

R.T.: 12.579 min
Delta R.T.: 0.004 min
Response: 9168074
Conc: 50.71 ug/ml

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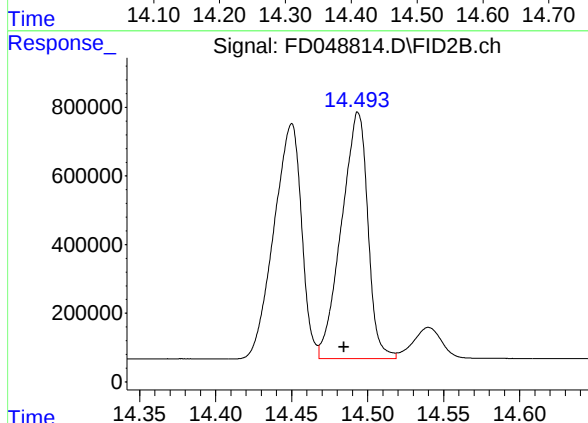
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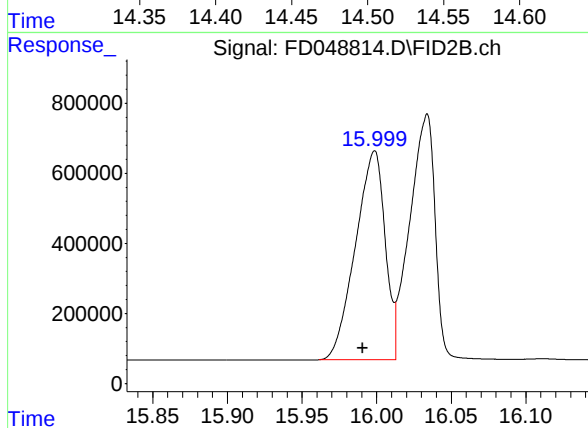
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: 0.005 min
Response: 8678450
Conc: 52.76 ug/ml



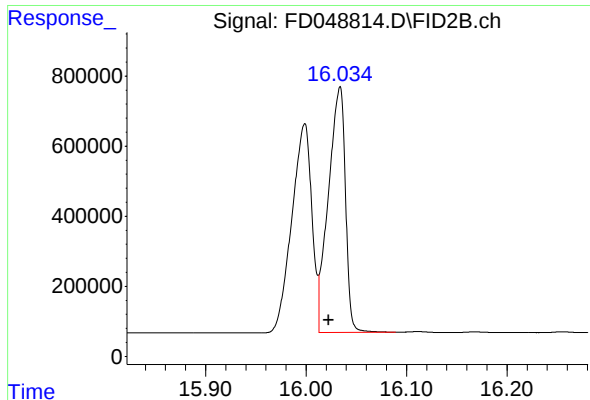
#15 Chrysene (C27.41)

R.T.: 14.493 min
Delta R.T.: 0.009 min
Response: 8673981
Conc: 49.56 ug/ml



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

R.T.: 15.998 min
Delta R.T.: 0.007 min
Response: 8254492
Conc: 52.54 ug/ml



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

R.T.: 16.033 min
Delta R.T.: 0.010 min
Response: 8273814
Conc: 50.70 ug/ml

Instrument :

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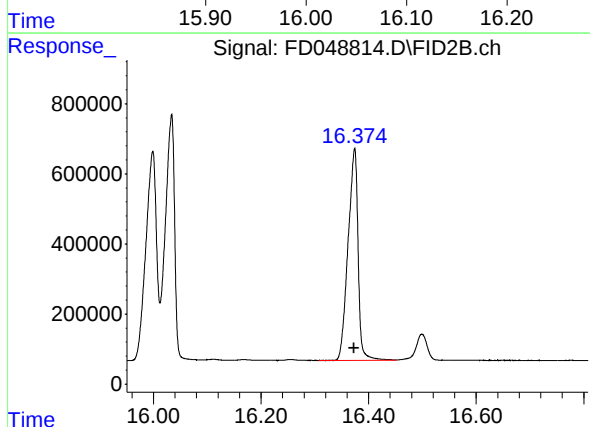
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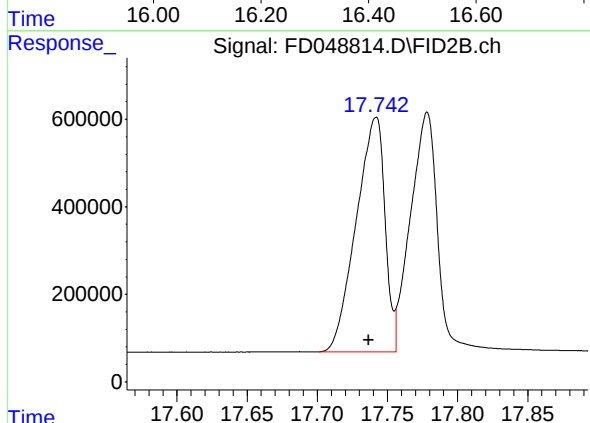
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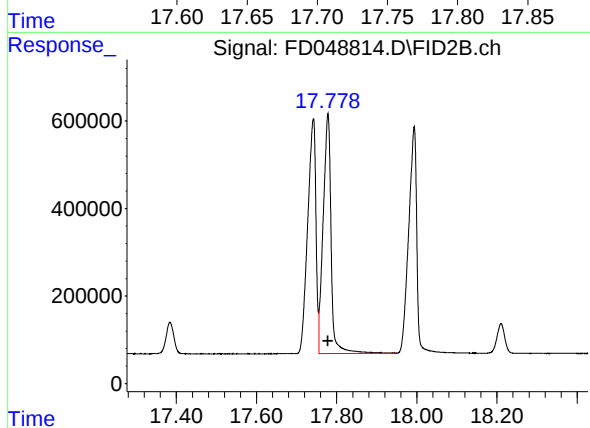
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: 0.000 min
Response: 7848802
Conc: 52.64 ug/ml



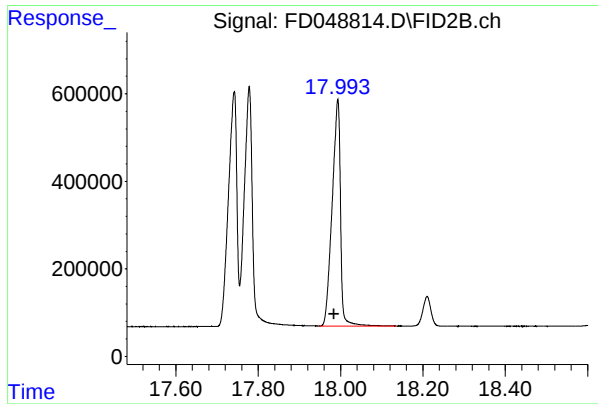
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: 0.004 min
Response: 7644249
Conc: 61.88 ug/ml



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

R.T.: 17.778 min
Delta R.T.: 0.000 min
Response: 7537055
Conc: 48.06 ug/ml



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

R.T.: 17.993 min
Delta R.T.: 0.009 min
Response: 7313758
Conc: 51.26 ug/ml

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