

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060122AR\
 Data File : FD042726.D
 Signal(s) : FID2B.CH
 Acq On : 01 Jun 2022 18:59
 Operator : UA/NP
 Sample : N3069-02MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DISP-2-DMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/02/2022
 Supervised By :Ankita Jodhani 06/02/2022

Integration File: autoint1.e
 Quant Time: Jun 02 08:18:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.669	6441803	42.155 ug/ml
Spiked Amount 50.000		Recovery =	84.31%
6) S 2-Fluorobiphenyl (SURR)	8.534	3966450	38.567 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.13%
11) S ortho-Terphenyl (SURR)	11.585	7541385	42.481 ug/ml
Spiked Amount 50.000		Recovery =	84.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.460	3348483	20.000 ug/ml
2) T Naphthalene (C11.7)	6.002	4177889	24.164 ug/ml
3) T 2-Methylnaphthalene (...)	7.057	4989023	31.285 ug/ml
5) T Acenaphthylene (C15.06)	8.338	6241082	36.123 ug/ml
7) T Acenaphthene (C15.5)	8.634	6238919	36.259 ug/ml
8) T Flouorene (C16.55)	9.417	7682039	45.758 ug/ml
9) T Phenanthrene (C19.36)	10.817	7893262	48.001 ug/ml
10) T Anthracene (C19.43)	10.893	7500813	49.076 ug/ml
12) T Fluoranthene (C21.85)	12.634	7910471	50.210 ug/ml
13) T Pyrene (C20.8)	12.932	7503978	48.199 ug/ml
14) T Benzo[a]anthracene (C...	14.806	7237481	54.281 ug/ml
15) T Chrysene (C27.41)	14.851	7911039	59.878 ug/mlm
16) T benzo[b]fluoranthene ...	16.360	7065213	53.036 ug/ml
17) T Bnezo[k]fluoranthene ...	16.397	6830678	55.150 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.738	6261227	50.587 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	7083248	63.549 ug/ml
20) T Dibenz[a,h]anthracene...	18.148	6579937	59.153 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.367	6601324	55.540 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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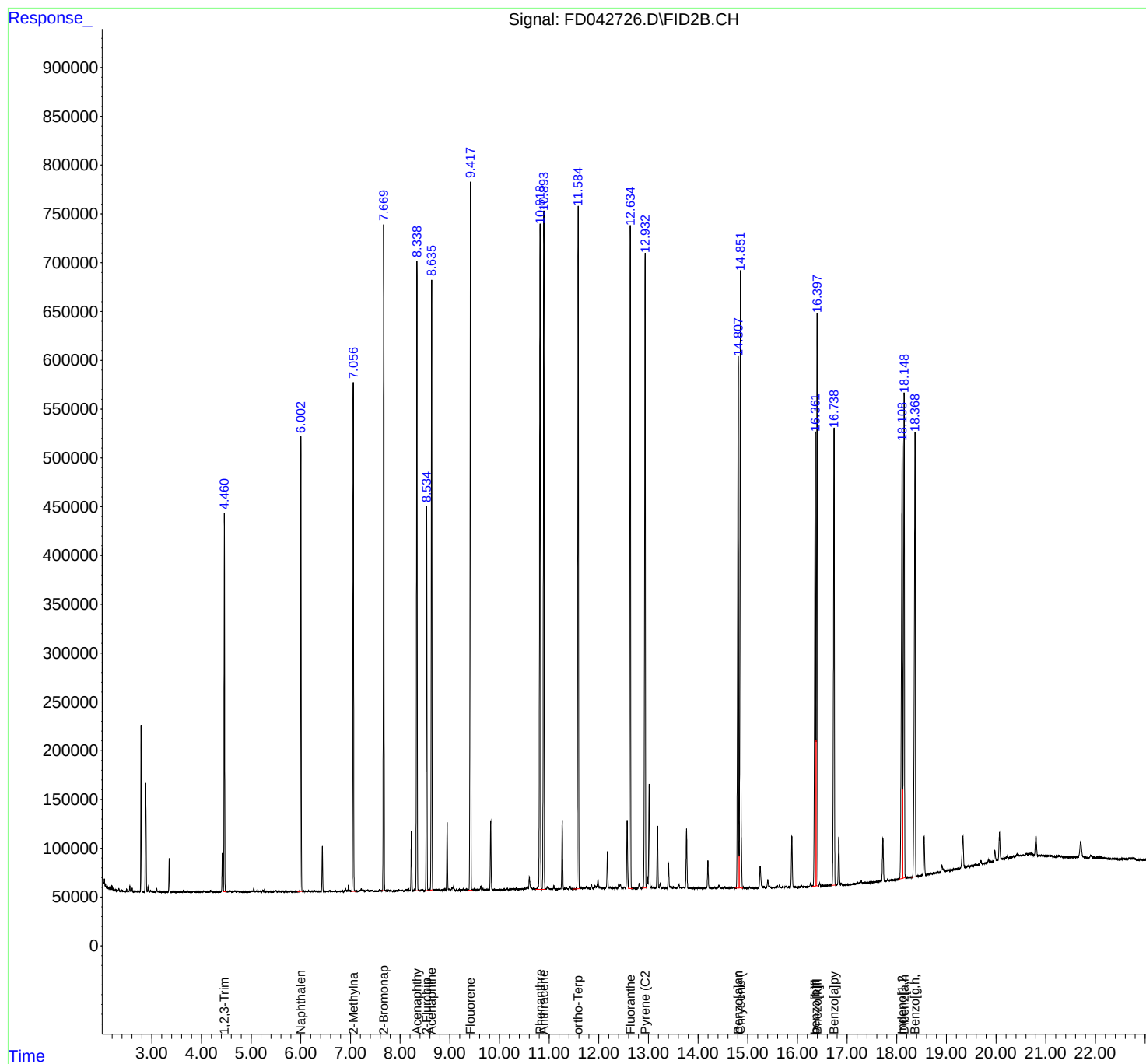
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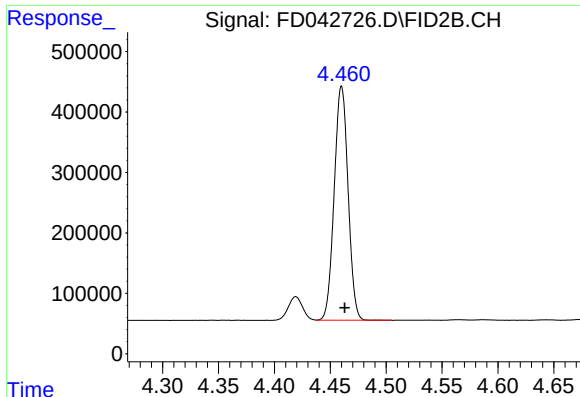
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.460 min
Delta R.T.: -0.003 min
Response: 3348483
Conc: 20.00 ug/ml

Instrument :

FID_D

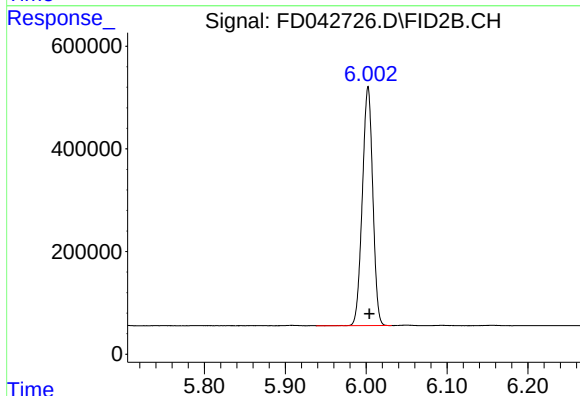
ClientSampleId :

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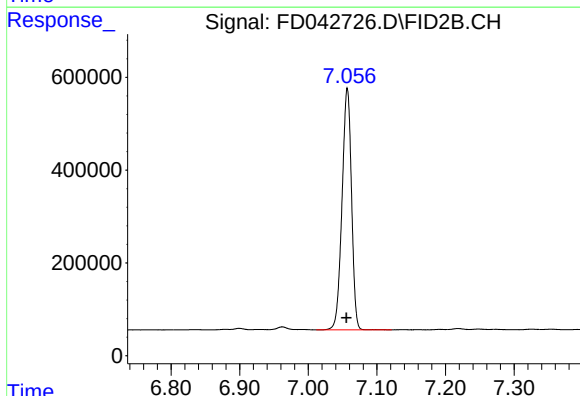
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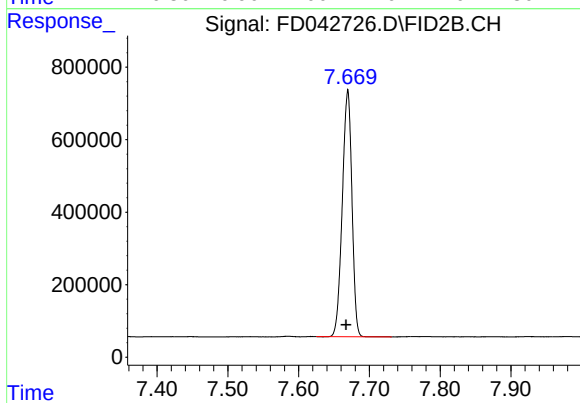
#2 Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 4177889
Conc: 24.16 ug/ml



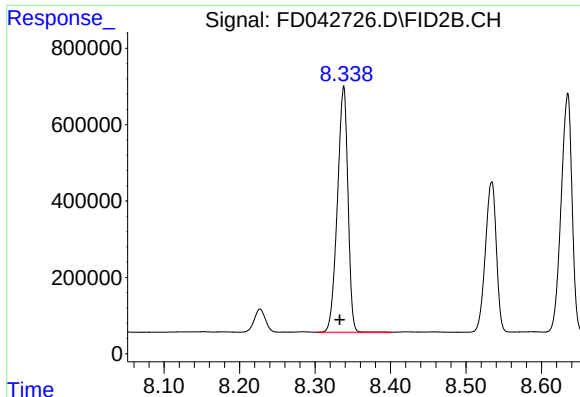
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.001 min
Response: 4989023
Conc: 31.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.669 min
Delta R.T.: 0.002 min
Response: 6441803
Conc: 42.16 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.338 min
Delta R.T.: 0.005 min
Response: 6241082
Conc: 36.12 ug/ml

Instrument :

FID_D

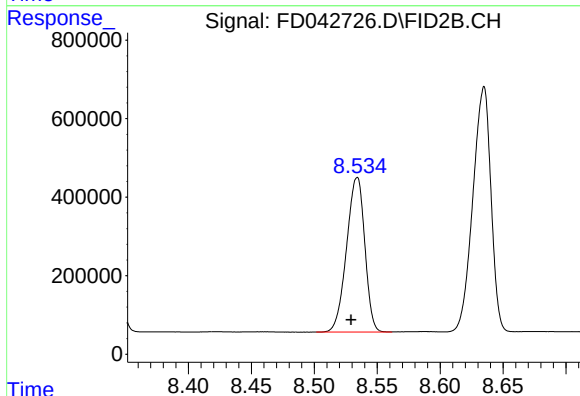
ClientSampleId :

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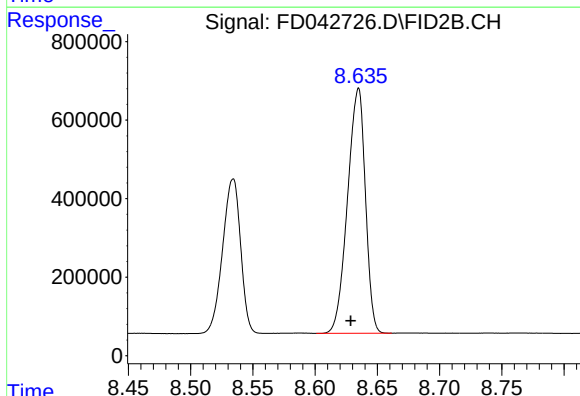
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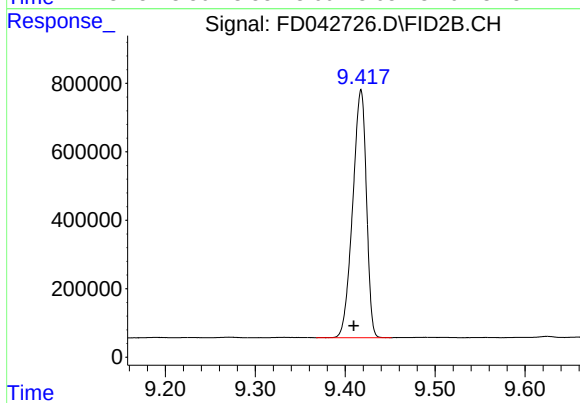
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 3966450
Conc: 38.57 ug/ml



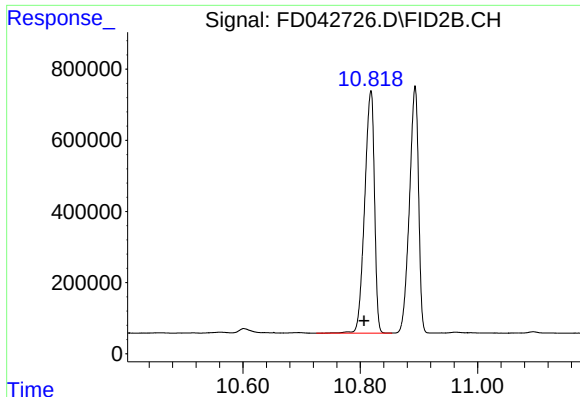
#7 Acenaphthene (C15.5)

R.T.: 8.634 min
Delta R.T.: 0.006 min
Response: 6238919
Conc: 36.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.417 min
Delta R.T.: 0.008 min
Response: 7682039
Conc: 45.76 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: 0.011 min
Response: 7893262
Conc: 48.00 ug/ml

Instrument :

FID_D

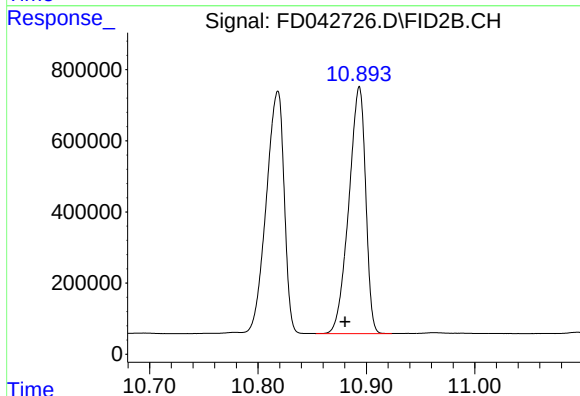
ClientSampleId :

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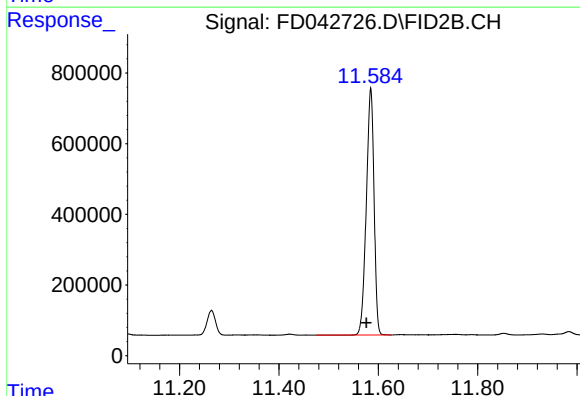
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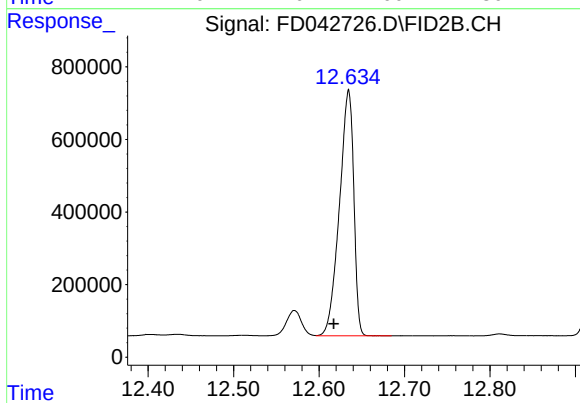
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: 0.013 min
Response: 7500813
Conc: 49.08 ug/ml



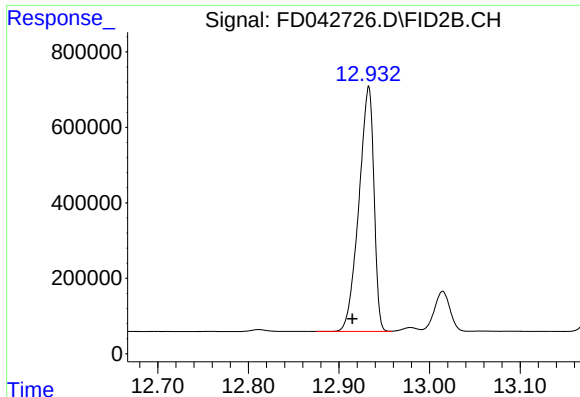
#11 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: 0.008 min
Response: 7541385
Conc: 42.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: 0.017 min
Response: 7910471
Conc: 50.21 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.932 min
Delta R.T.: 0.017 min
Response: 7503978
Conc: 48.20 ug/ml

Instrument :

FID_D

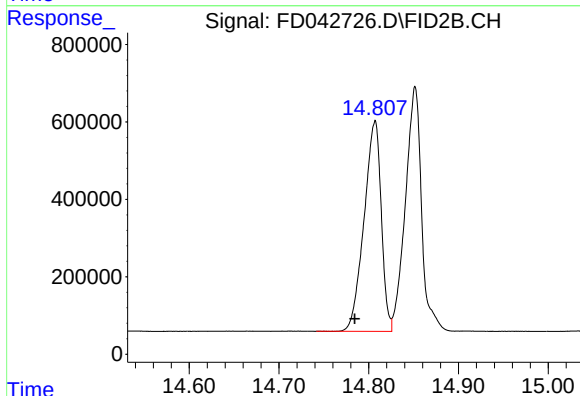
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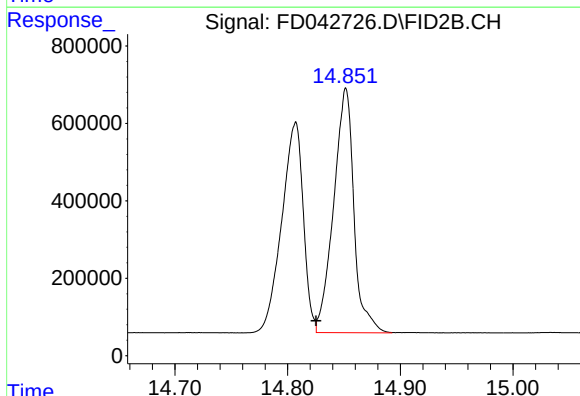
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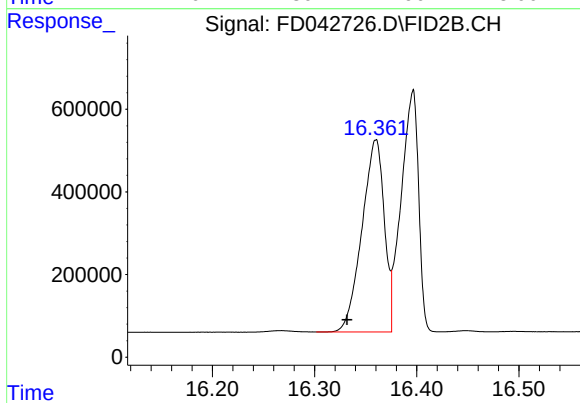
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.806 min
Delta R.T.: 0.022 min
Response: 7237481
Conc: 54.28 ug/ml



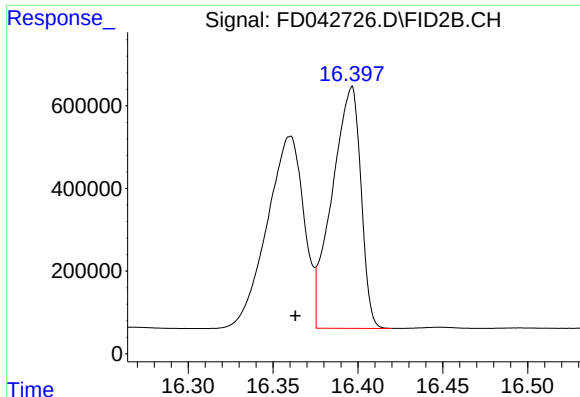
#15 Chrysene (C27.41)

R.T.: 14.851 min
Delta R.T.: 0.026 min
Response: 7911039
Conc: 59.88 ug/ml m



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

R.T.: 16.360 min
Delta R.T.: 0.028 min
Response: 7065213
Conc: 53.04 ug/ml



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

R.T.: 16.397 min
Delta R.T.: 0.033 min
Response: 6830678
Conc: 55.15 ug/ml

Instrument :

FID_D

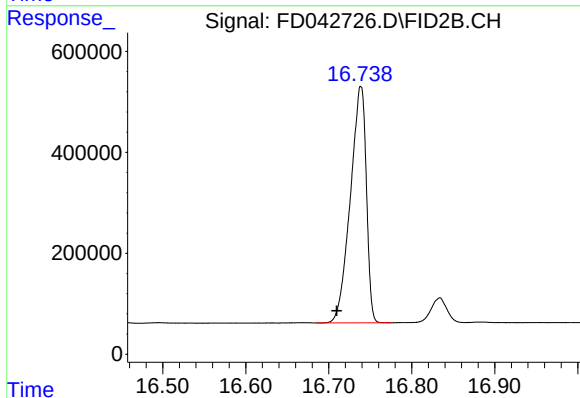
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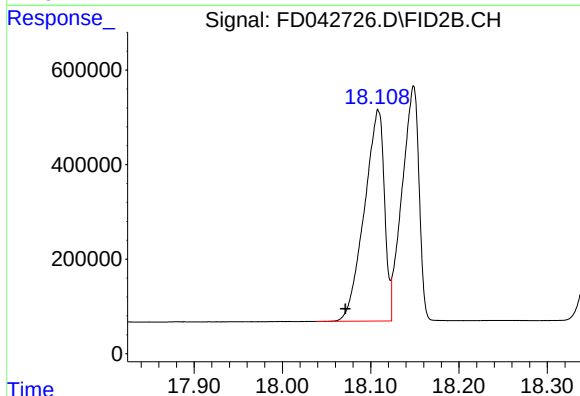
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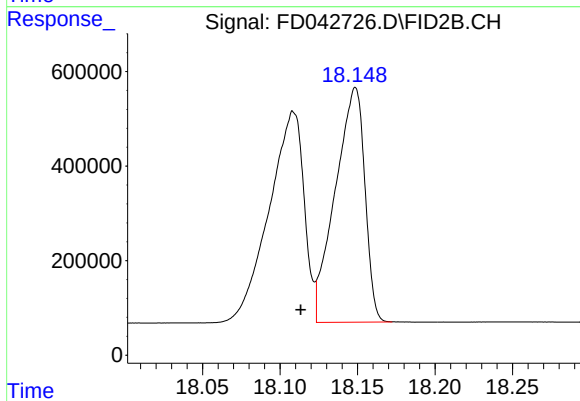
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.738 min
Delta R.T.: 0.028 min
Response: 6261227
Conc: 50.59 ug/ml



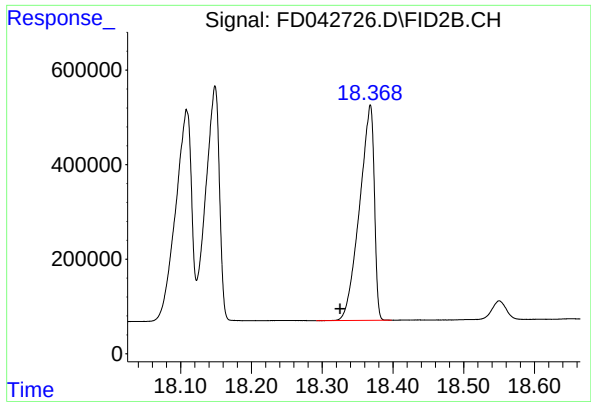
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: 0.036 min
Response: 7083248
Conc: 63.55 ug/ml



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

R.T.: 18.148 min
Delta R.T.: 0.035 min
Response: 6579937
Conc: 59.15 ug/ml m



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

R.T.: 18.367 min
Delta R.T.: 0.042 min
Response: 6601324
Conc: 55.54 ug/ml

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