

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092324AR\
 Data File : FD048378.D
 Signal(s) : FID2B.ch
 Acq On : 23 Sep 2024 13:57
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2024
 Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e
 Quant Time: Sep 24 01:30:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.383	3188026	21.021 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
6) S 2-Fluorobiphenyl (SURR)	8.234	2035553	21.304 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.61%
11) S ortho-Terphenyl (SURR)	11.270	3629552	21.155 ug/ml
Spiked Amount 50.000		Recovery =	42.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	3619618	20.518 ug/ml
2) T Naphthalene (C11.7)	5.724	3747511	20.723 ug/ml
3) T 2-Methylnaphthalene (...)	6.771	3696646	20.662 ug/ml
5) T Acenaphthylene (C15.06)	8.037	3610591	20.666 ug/ml
7) T Acenaphthene (C15.5)	8.331	3687019	20.731 ug/ml
8) T Fluorene (C16.55)	9.109	3496176	20.879 ug/ml
9) T Phenanthrene (C19.36)	10.496	3441245	21.315 ug/ml
10) T Anthracene (C19.43)	10.572	2972570	18.680 ug/ml
12) T Fluoranthene (C21.85)	12.301	3474514	21.433 ug/ml
13) T Pyrene (C20.8)	12.593	3447519	21.502 ug/ml
14) T Benzo[a]anthracene (C...	14.462	3070699	21.921 ug/ml
15) T Chrysene (C27.41)	14.503	3433988	20.848 ug/ml
16) T benzo[b]fluoranthene ...	16.009	3282296	22.092 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	3209219	20.837 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	3169167	21.420 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	2556842	22.628 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	3287284	21.540 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.997	3187466	21.624 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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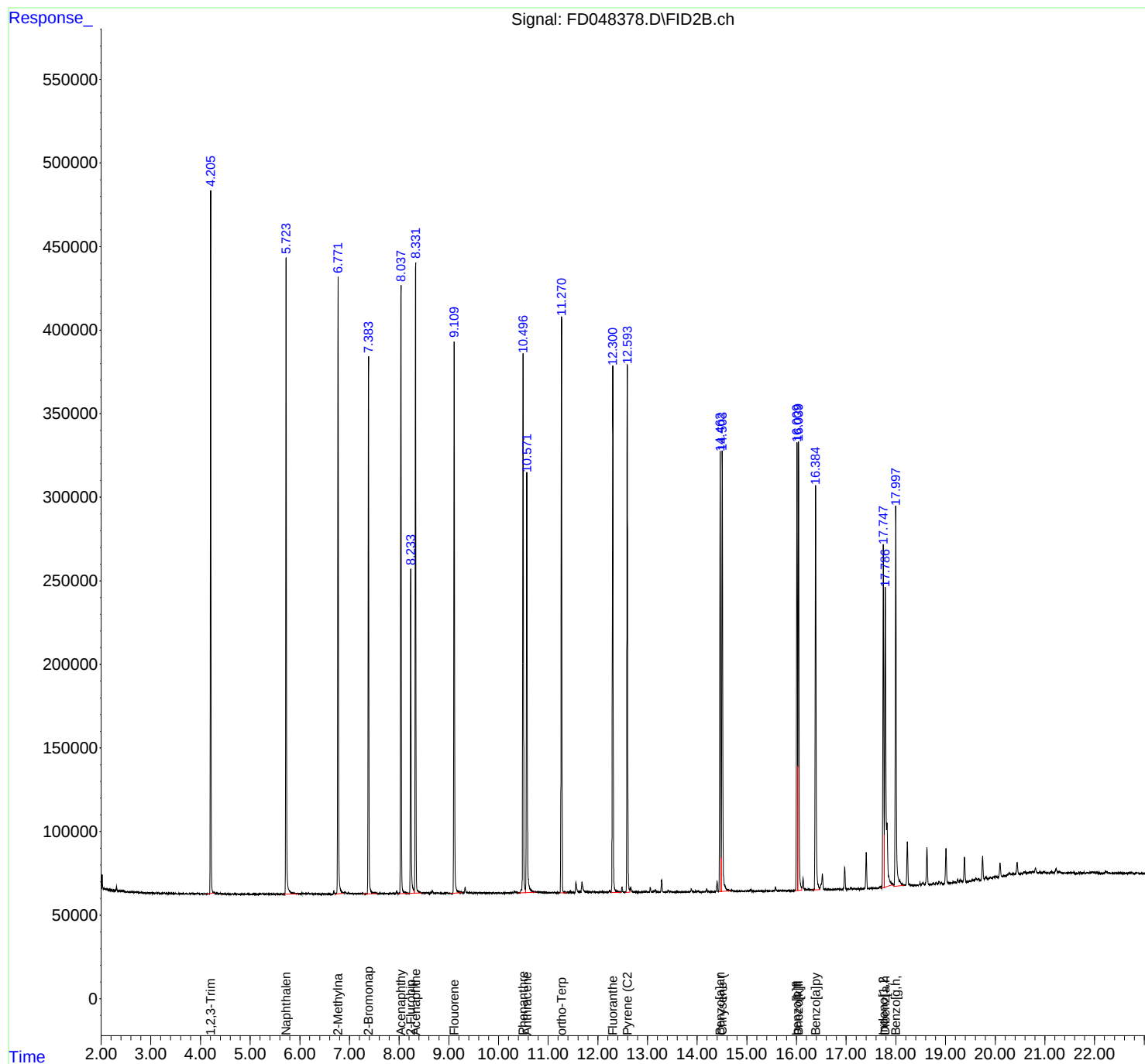
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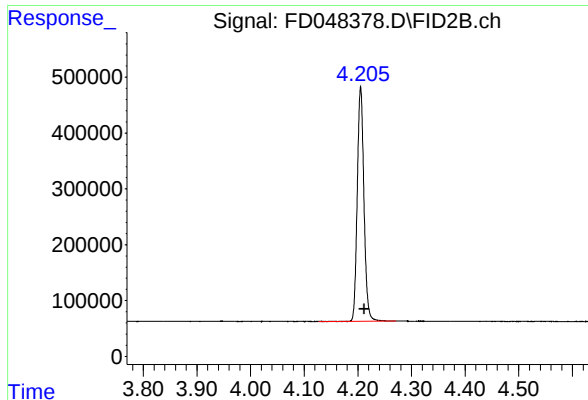
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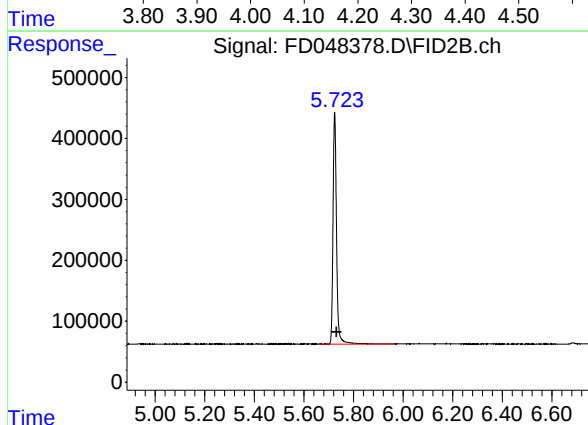
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.205 min
Delta R.T.: -0.007 min
Response: 3619618
Conc: 20.52 ug/ml

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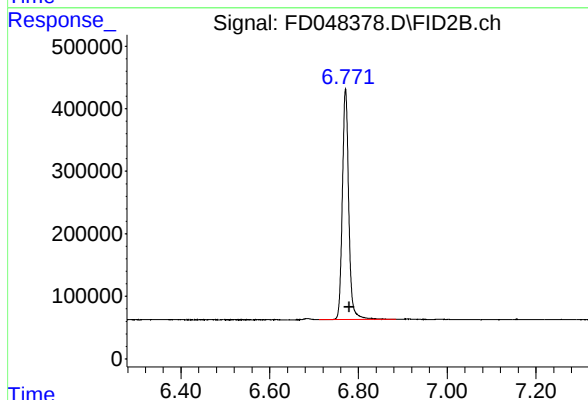
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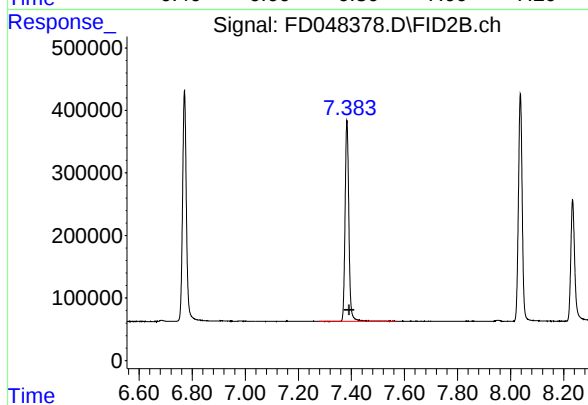
#2 Naphthalene (C11.7)

R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 3747511
Conc: 20.72 ug/ml



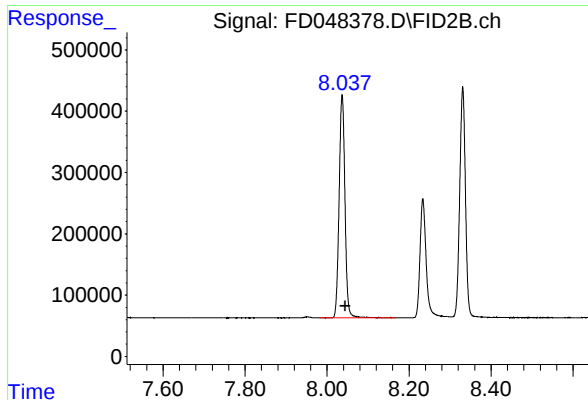
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.771 min
Delta R.T.: -0.008 min
Response: 3696646
Conc: 20.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.383 min
Delta R.T.: -0.008 min
Response: 3188026
Conc: 21.02 ug/ml



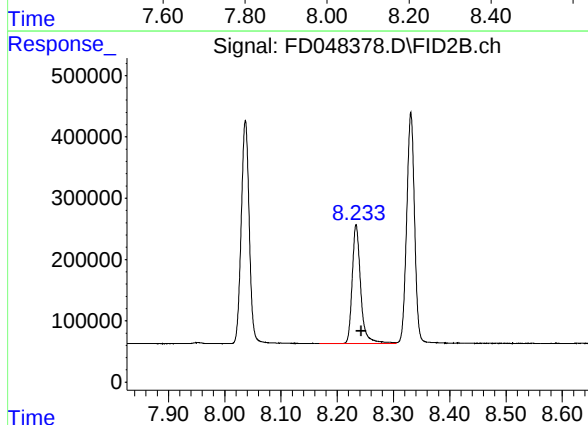
#5 Acenaphthylene (C15.06)

R.T.: 8.037 min
Delta R.T.: -0.008 min
Response: 3610591
Conc: 20.67 ug/ml

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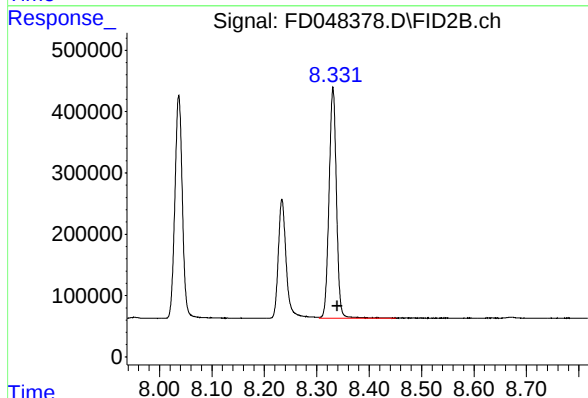
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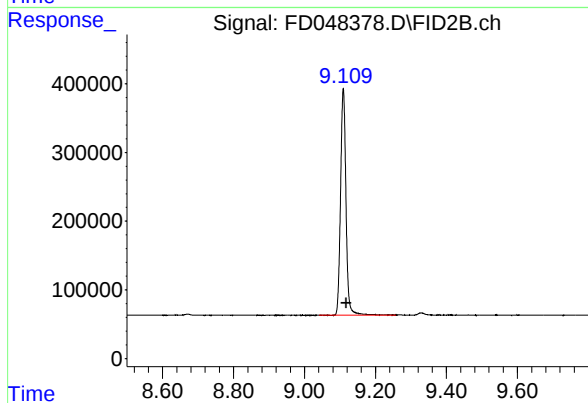
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.234 min
Delta R.T.: -0.009 min
Response: 2035553
Conc: 21.30 ug/ml



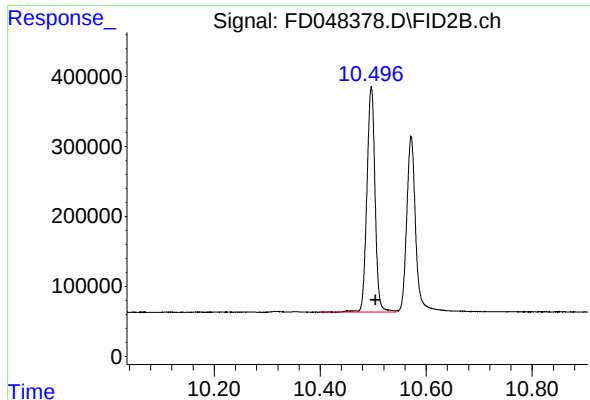
#7 Acenaphthene (C15.5)

R.T.: 8.331 min
Delta R.T.: -0.008 min
Response: 3687019
Conc: 20.73 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.109 min
Delta R.T.: -0.008 min
Response: 3496176
Conc: 20.88 ug/ml



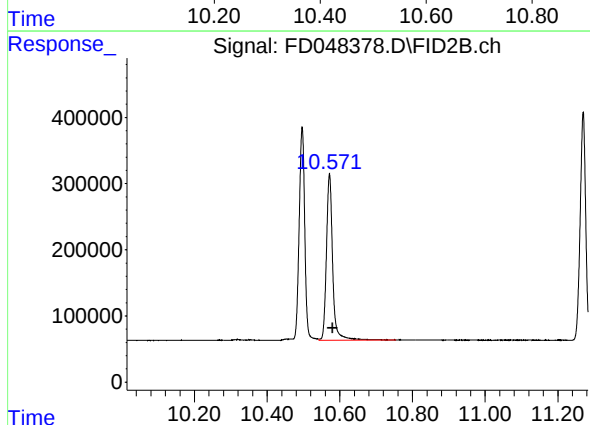
#9 Phenanthrene (C19.36)

R.T.: 10.496 min
Delta R.T.: -0.008 min
Response: 3441245
Conc: 21.31 ug/ml

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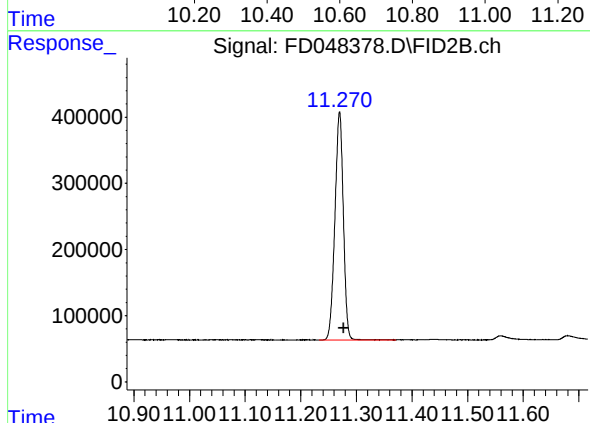
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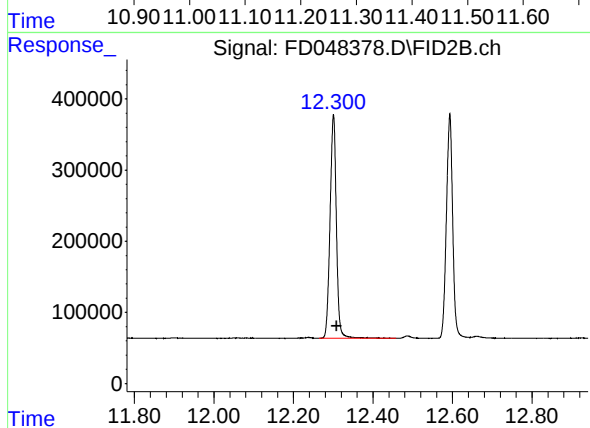
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.009 min
Response: 2972570
Conc: 18.68 ug/ml



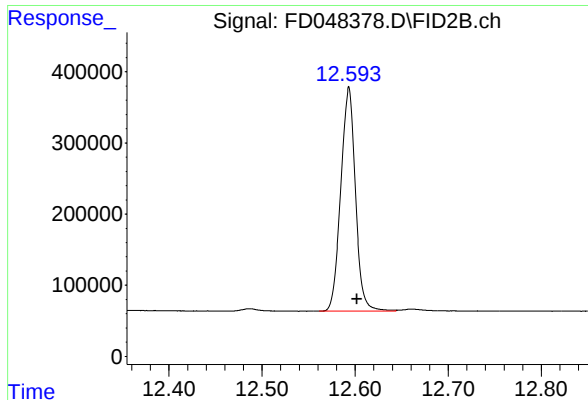
#11 ortho-Terphenyl (SURRE)

R.T.: 11.270 min
Delta R.T.: -0.008 min
Response: 3629552
Conc: 21.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.301 min
Delta R.T.: -0.008 min
Response: 3474514
Conc: 21.43 ug/ml



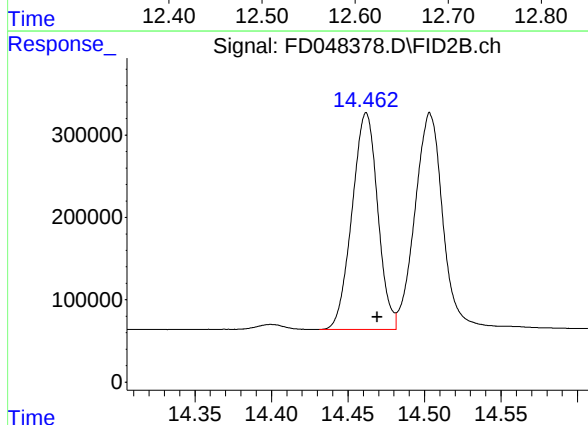
#13 Pyrene (C20.8)

R.T.: 12.593 min
Delta R.T.: -0.009 min
Response: 3447519
Conc: 21.50 ug/ml

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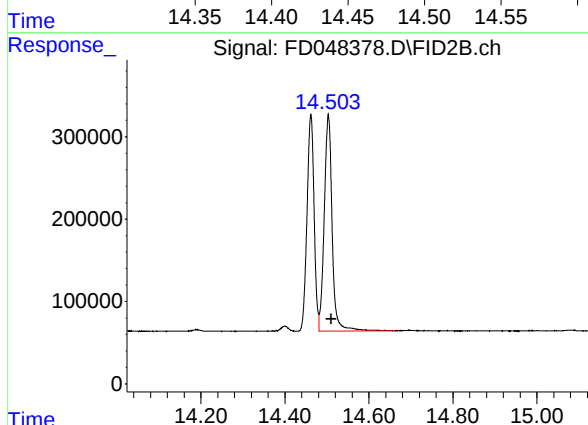
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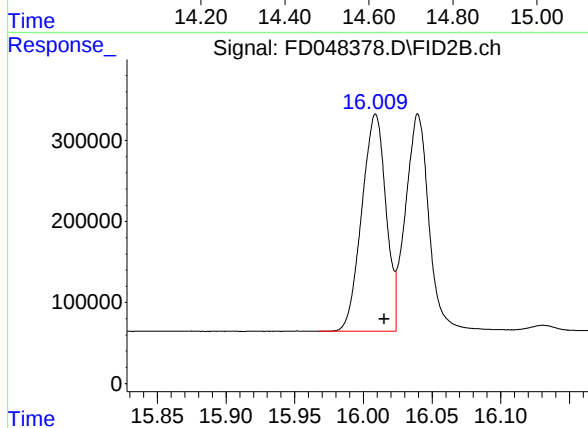
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: -0.007 min
Response: 3070699
Conc: 21.92 ug/ml



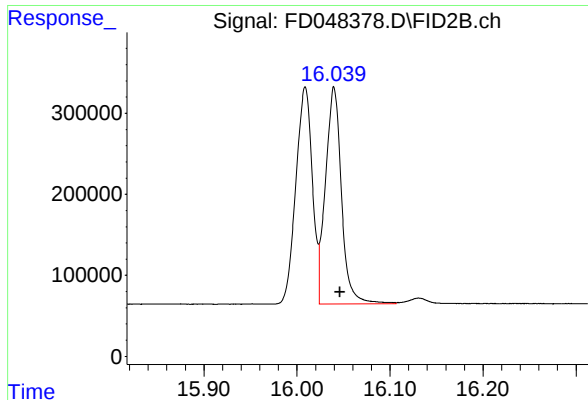
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: -0.007 min
Response: 3433988
Conc: 20.85 ug/ml



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

R.T.: 16.009 min
Delta R.T.: -0.007 min
Response: 3282296
Conc: 22.09 ug/ml



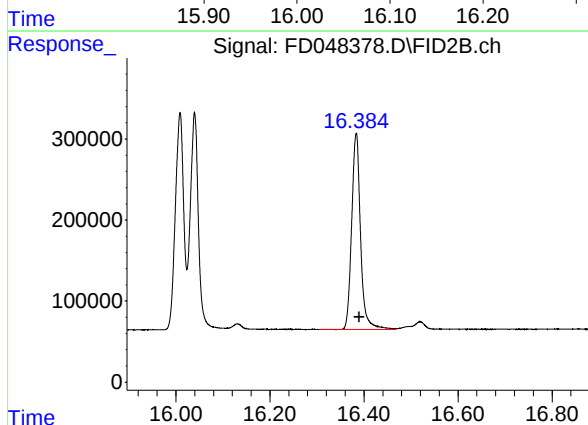
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: -0.006 min
Response: 3209219
Conc: 20.84 ug/ml

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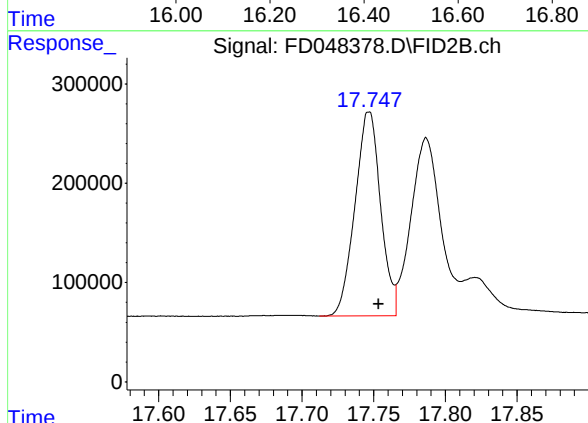
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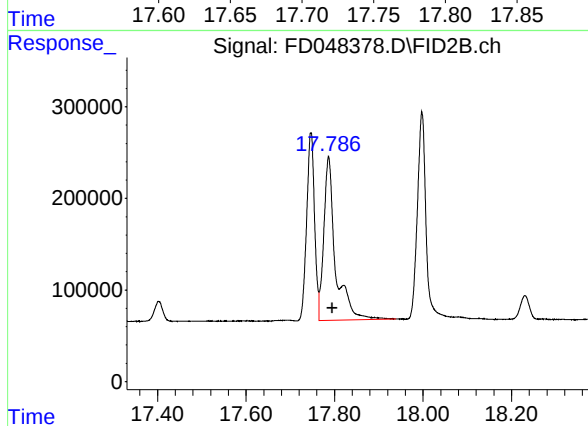
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: -0.007 min
Response: 3169167
Conc: 21.42 ug/ml



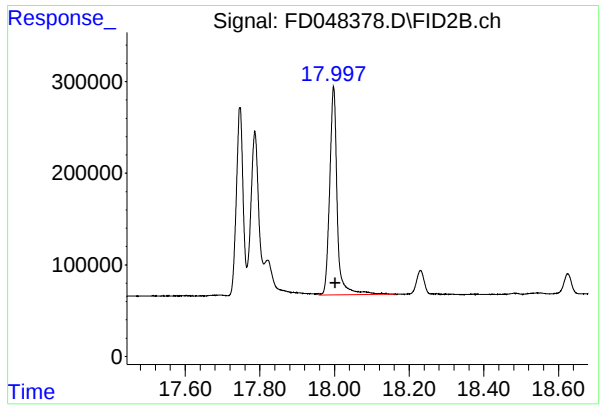
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: -0.007 min
Response: 2556842
Conc: 22.63 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.008 min
Response: 3287284
Conc: 21.54 ug/ml m



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

R.T.: 17.997 min
Delta R.T.: -0.005 min
Response: 3187466
Conc: 21.62 ug/ml

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