

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112224AR\
 Data File : FD048809.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2024 16:21
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File: autoint1.e
 Quant Time: Nov 22 23:10:52 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	3554212	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
6) S 2-Fluorobiphenyl (SURR)	8.215	2331084	20.240 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.48%
11) S ortho-Terphenyl (SURR)	11.251	3868975	20.116 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	3902871	20.709 ug/ml
2) T Naphthalene (C11.7)	5.705	3976930	20.335 ug/ml
3) T 2-Methylnaphthalene (...)	6.752	3899172	20.403 ug/ml
5) T Acenaphthylene (C15.06)	8.017	3945599	20.346 ug/ml
7) T Acenaphthene (C15.5)	8.311	3917831	20.369 ug/ml
8) T Flouorene (C16.55)	9.090	3888559	20.268 ug/ml
9) T Phenanthrene (C19.36)	10.478	3726139	20.328 ug/ml
10) T Anthracene (C19.43)	10.554	3458950	18.470 ug/ml
12) T Fluoranthene (C21.85)	12.283	3700420	20.207 ug/ml
13) T Pyrene (C20.8)	12.576	3583467	19.821 ug/ml
14) T Benzo[a]anthracene (C...	14.447	3275302	19.910 ug/ml
15) T Chrysene (C27.41)	14.488	3479112	19.879 ug/ml
16) T benzo[b]fluoranthene ...	15.993	3097895	19.717 ug/ml
17) T Bnezo[k]fluoranthene ...	16.025	3456986	21.183 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	2907091	19.498 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	2429406	19.667 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	3428078	21.861 ug/ml
21) T Benzo[g,h,i]perylene ...	17.986	2826460	19.809 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD11224AR\
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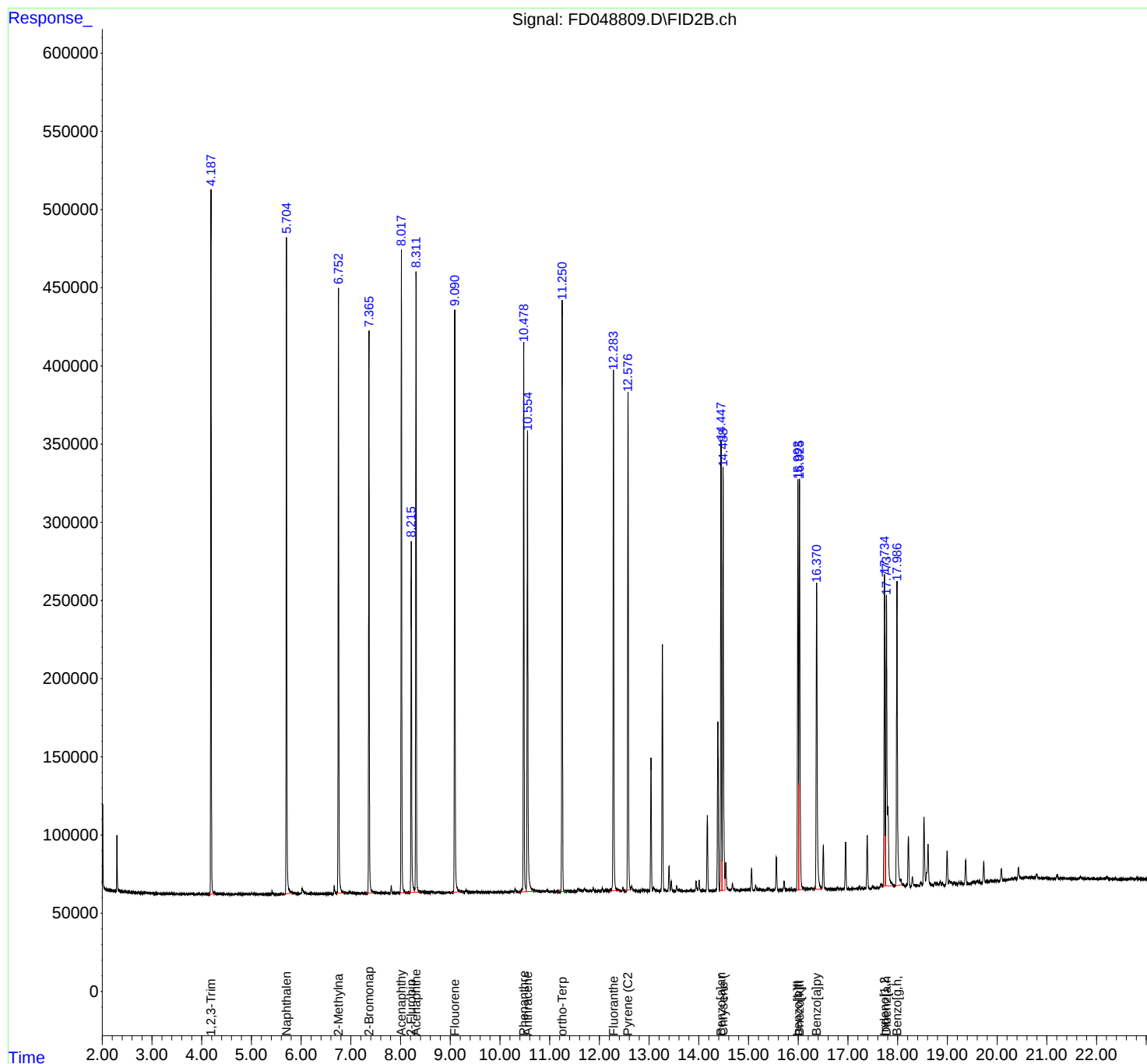
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20 PPM AROMATIC HC STD

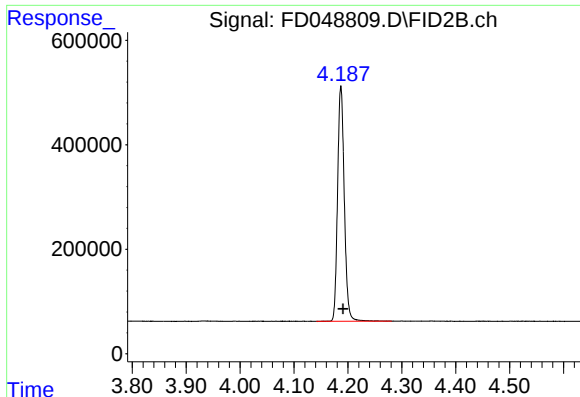
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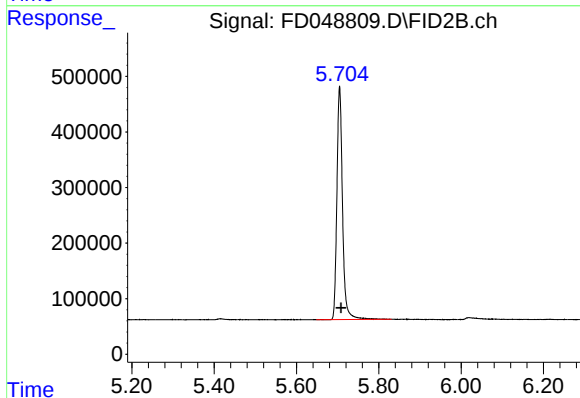
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 3902871
Conc: 20.71 ug/ml

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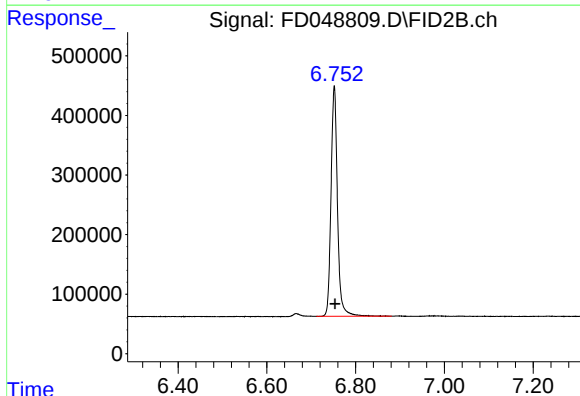
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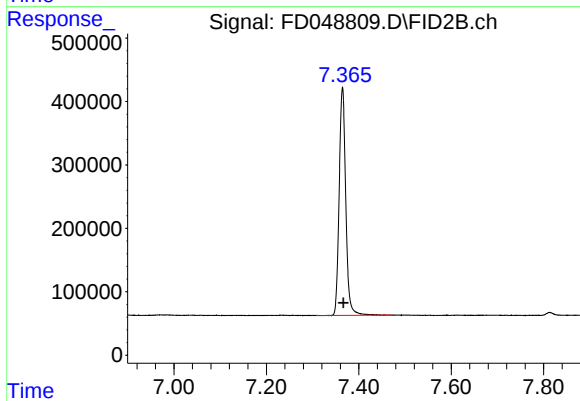
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 3976930
Conc: 20.33 ug/ml



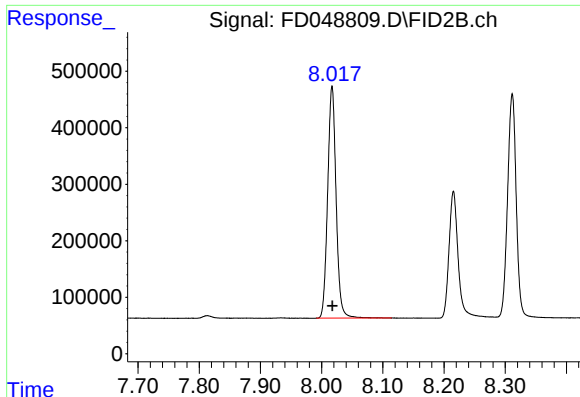
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 3899172
Conc: 20.40 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 3554212
Conc: 20.19 ug/ml



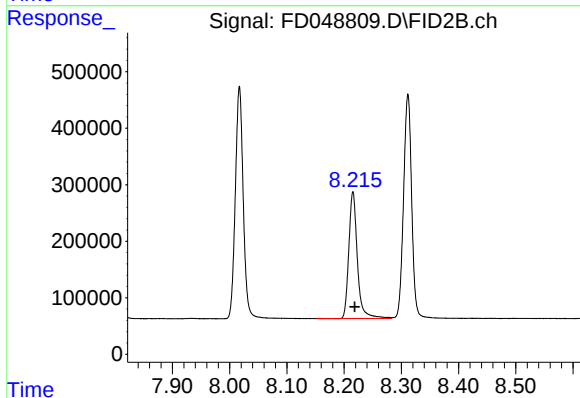
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 3945599
Conc: 20.35 ug/ml

Instrument :
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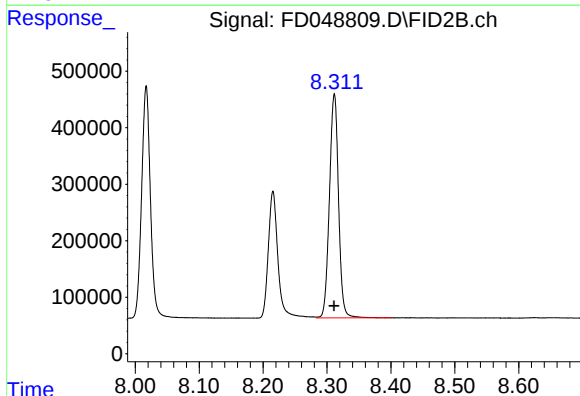
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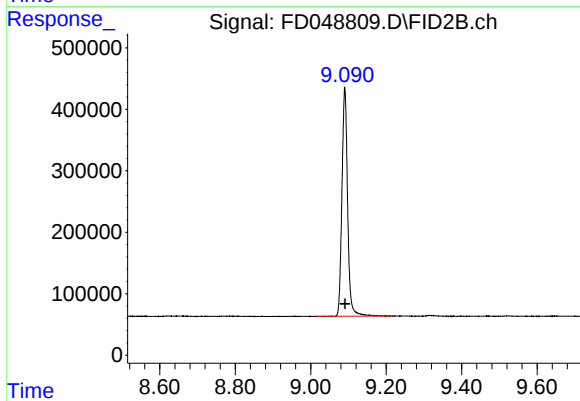
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 2331084
Conc: 20.24 ug/ml



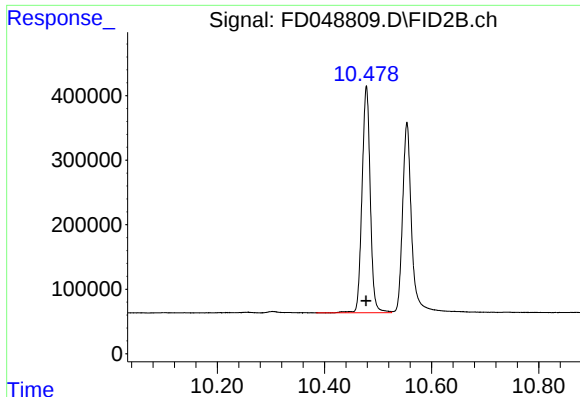
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 3917831
Conc: 20.37 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.090 min
Delta R.T.: -0.001 min
Response: 3888559
Conc: 20.27 ug/ml



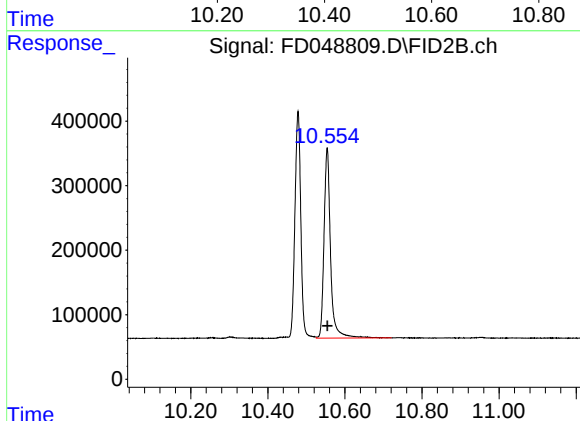
#9 Phenanthrene (C19.36)

R.T.: 10.478 min
Delta R.T.: 0.000 min
Response: 3726139
Conc: 20.33 ug/ml

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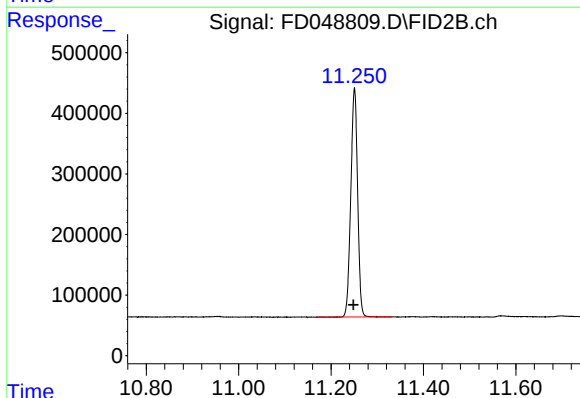
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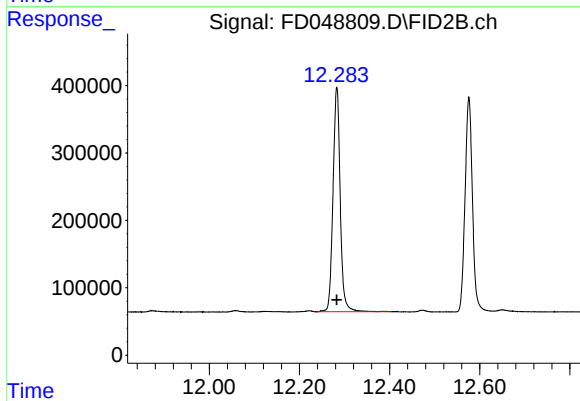
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.000 min
Response: 3458950
Conc: 18.47 ug/ml



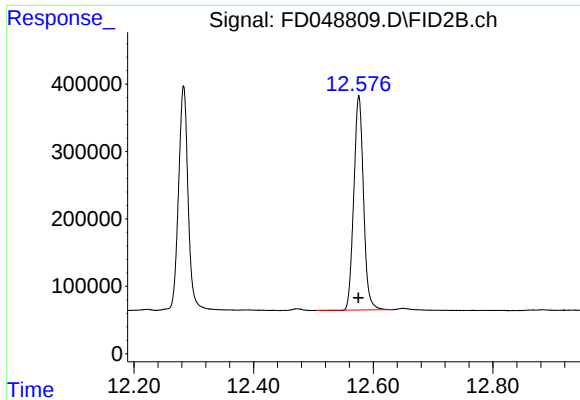
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.002 min
Response: 3868975
Conc: 20.12 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.283 min
Delta R.T.: 0.000 min
Response: 3700420
Conc: 20.21 ug/ml



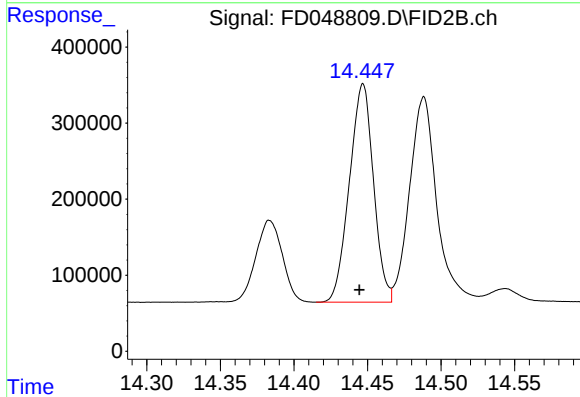
#13 Pyrene (C20.8)

R.T.: 12.576 min
Delta R.T.: 0.000 min
Response: 3583467
Conc: 19.82 ug/ml

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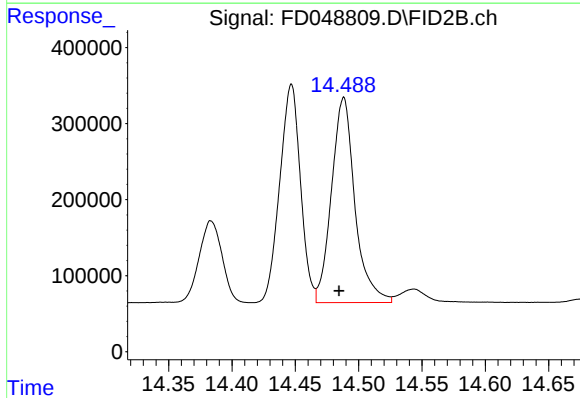
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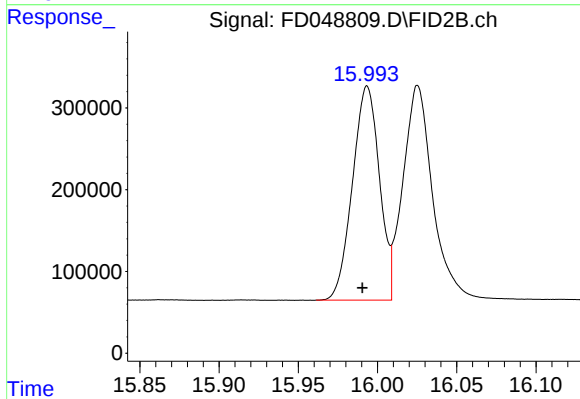
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: 0.002 min
Response: 3275302
Conc: 19.91 ug/ml



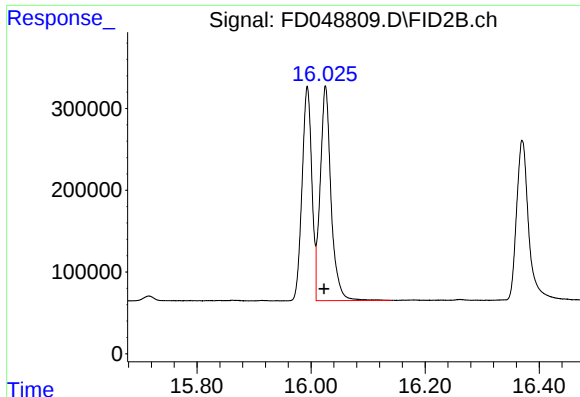
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: 0.004 min
Response: 3479112
Conc: 19.88 ug/ml



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

R.T.: 15.993 min
Delta R.T.: 0.003 min
Response: 3097895
Conc: 19.72 ug/ml



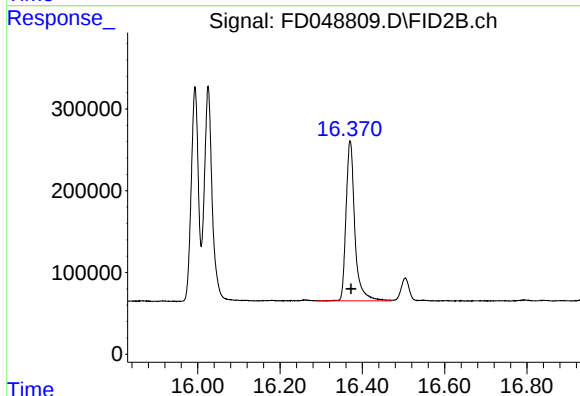
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.025 min
Delta R.T.: 0.003 min
Response: 3456986
Conc: 21.18 ug/ml

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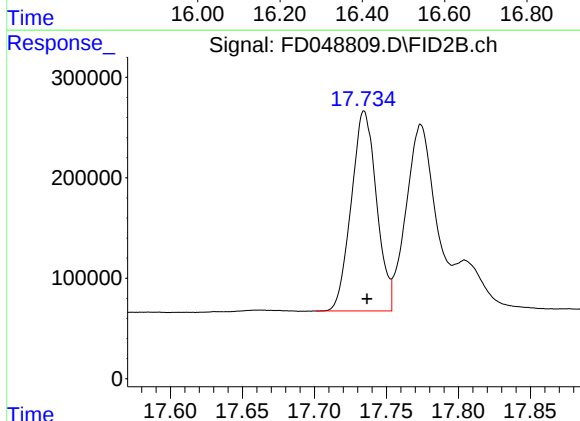
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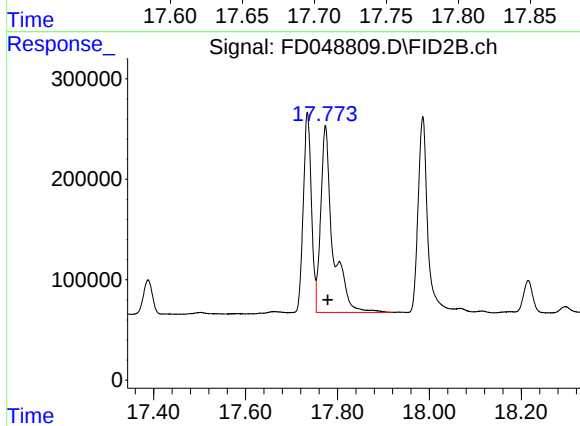
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: -0.002 min
Response: 2907091
Conc: 19.50 ug/ml



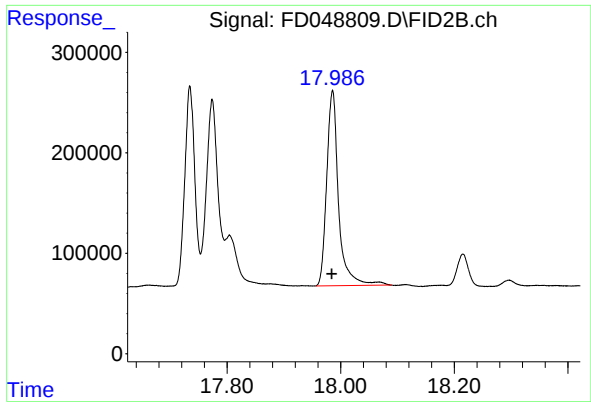
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: -0.002 min
Response: 2429406
Conc: 19.67 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.005 min
Response: 3428078
Conc: 21.86 ug/ml



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

R.T.: 17.986 min
Delta R.T.: 0.001 min
Response: 2826460
Conc: 19.81 ug/ml

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