

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111424AR\
 Data File : FD048732.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 12:27
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File: autoint1.e
 Quant Time: Nov 14 13:17:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 13:17:05 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	1863801	10.821 ug/ml
Spiked Amount 50.000		Recovery =	21.64%
6) S 2-Fluorobiphenyl (SURR)	8.215	1201178	10.554 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.11%
11) S ortho-Terphenyl (SURR)	11.249	2040759	10.910 ug/ml
Spiked Amount 50.000		Recovery =	21.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	1983747	10.728 ug/ml
2) T Naphthalene (C11.7)	5.706	2064735	10.722 ug/ml
3) T 2-Methylnaphthalene (...)	6.752	2042165	10.825 ug/ml
5) T Acenaphthylene (C15.06)	8.017	2046764	10.849 ug/mlm
7) T Acenaphthene (C15.5)	8.311	2041539	10.874 ug/ml
8) T Flouorene (C16.55)	9.090	2022487	10.732 ug/ml
9) T Phenanthrene (C19.36)	10.476	1926152	10.709 ug/ml
10) T Anthracene (C19.43)	10.552	1984238	10.885 ug/ml
12) T Fluoranthene (C21.85)	12.281	1932115	10.839 ug/ml
13) T Pyrene (C20.8)	12.574	1881150	10.713 ug/ml
14) T Benzo[a]anthracene (C...	14.443	1716582	10.495 ug/ml
15) T Chrysene (C27.41)	14.484	1873731	11.079 ug/ml
16) T benzo[b]fluoranthene ...	15.988	1642501	10.583 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	1721554	10.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	1568595	10.709 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	1231117	9.811 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	1732686	11.625 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	1511827	10.839 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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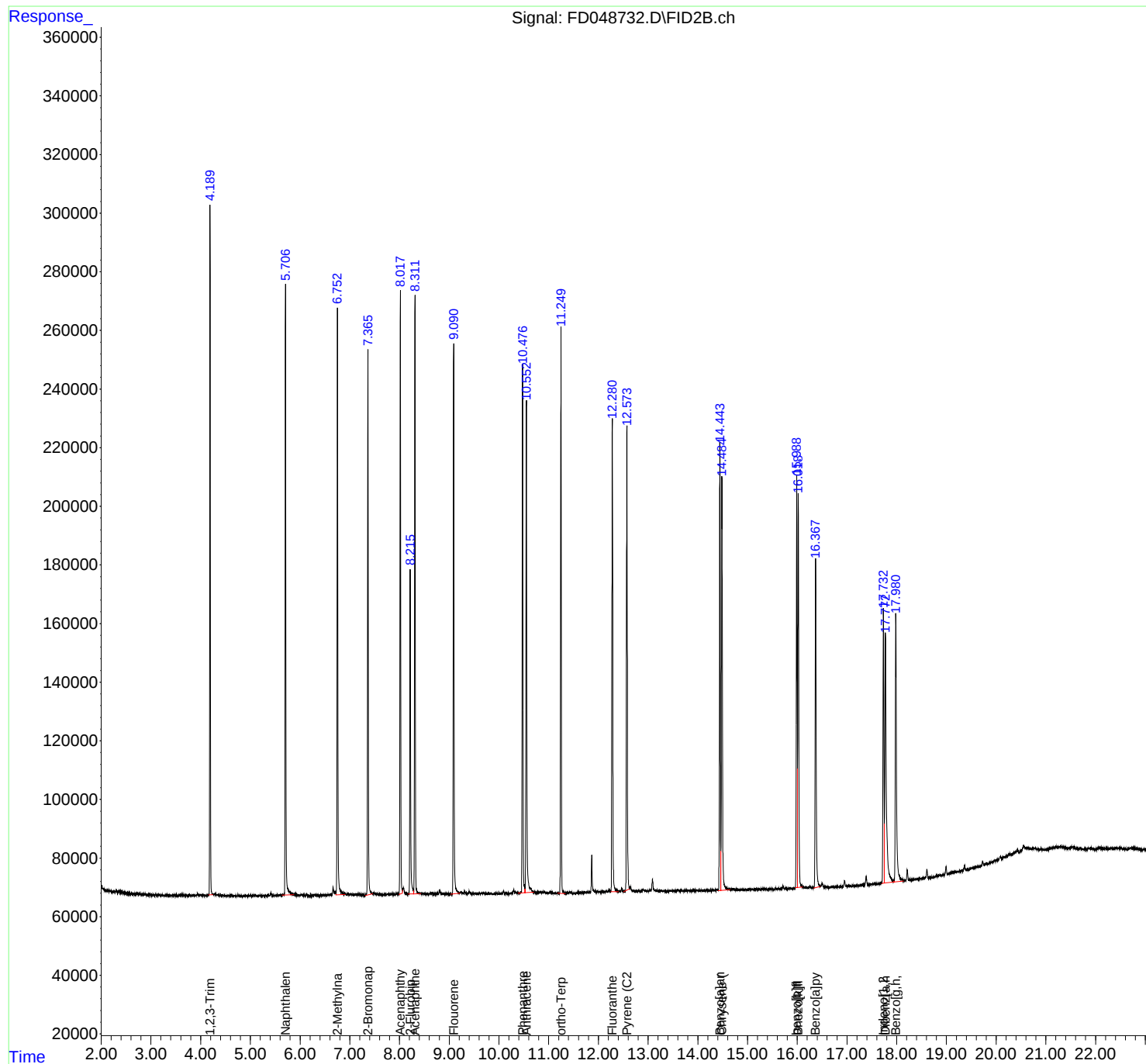
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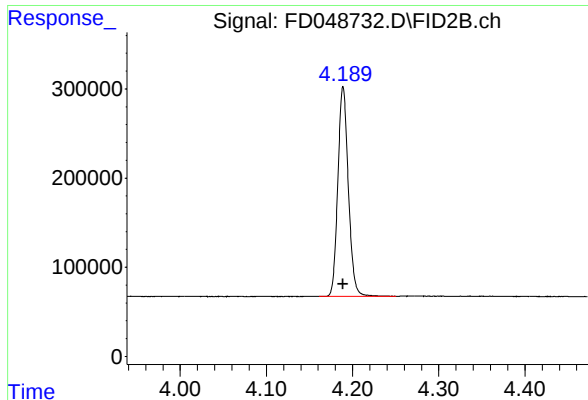
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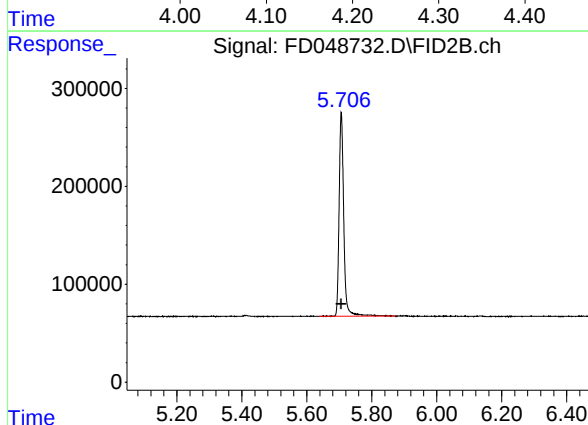
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 1983747
Conc: 10.73 ug/ml

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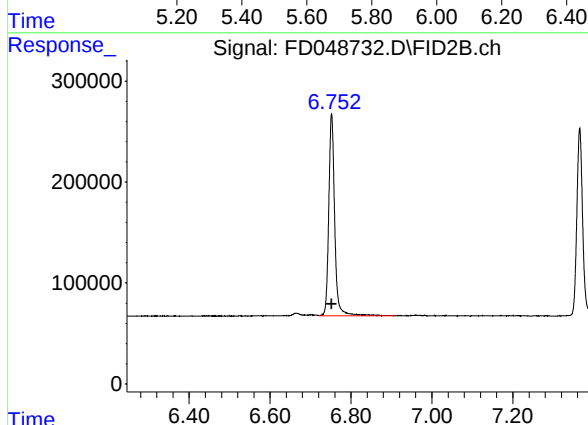
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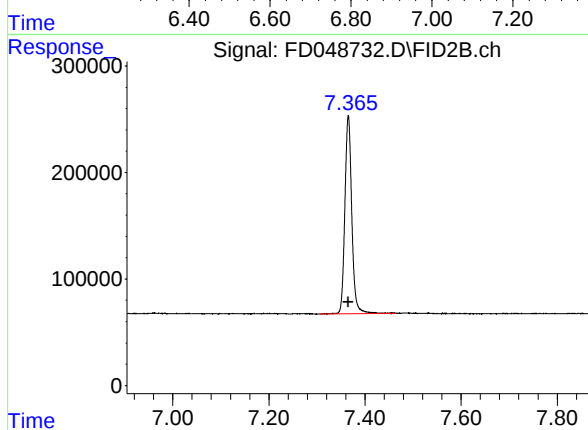
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 2064735
Conc: 10.72 ug/ml



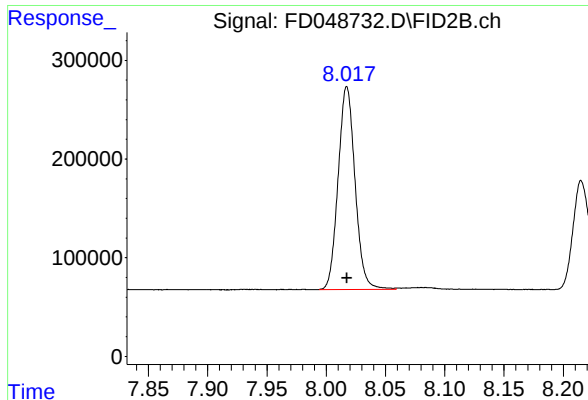
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2042165
Conc: 10.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 1863801
Conc: 10.82 ug/ml



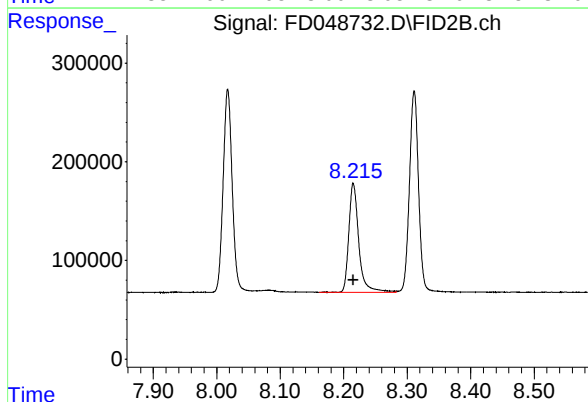
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 2046764
Conc: 10.85 ug/ml

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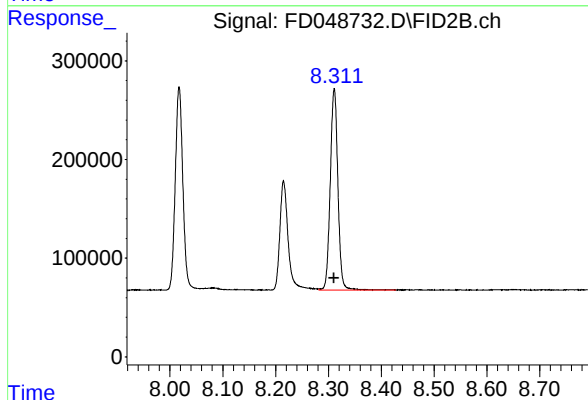
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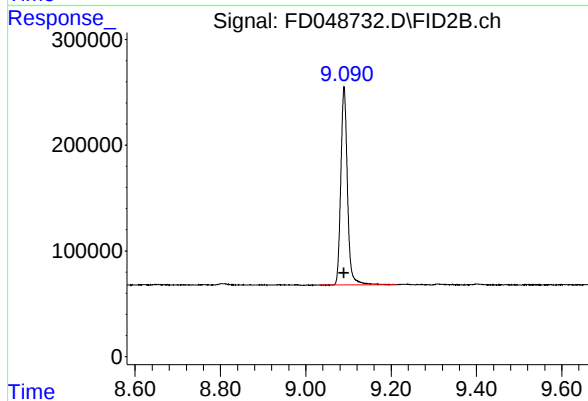
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 1201178
Conc: 10.55 ug/ml



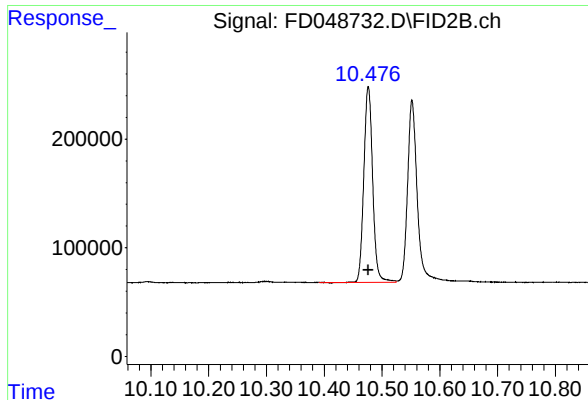
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 2041539
Conc: 10.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 2022487
Conc: 10.73 ug/ml



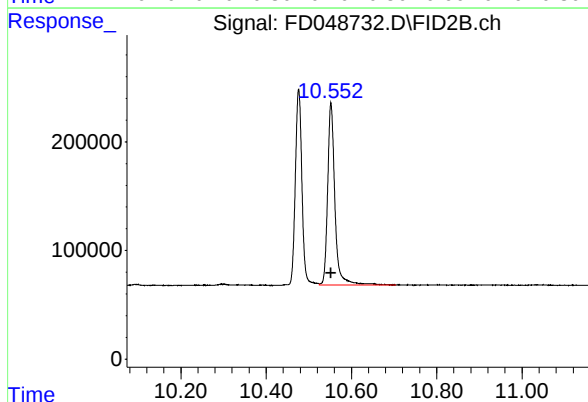
#9 Phenanthrene (C19.36)

R.T.: 10.476 min
Delta R.T.: 0.000 min
Response: 1926152
Conc: 10.71 ug/ml

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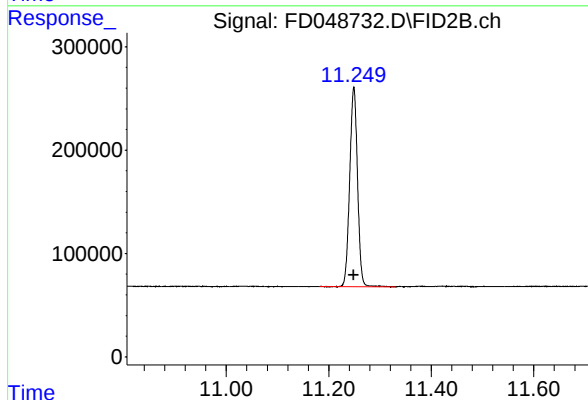
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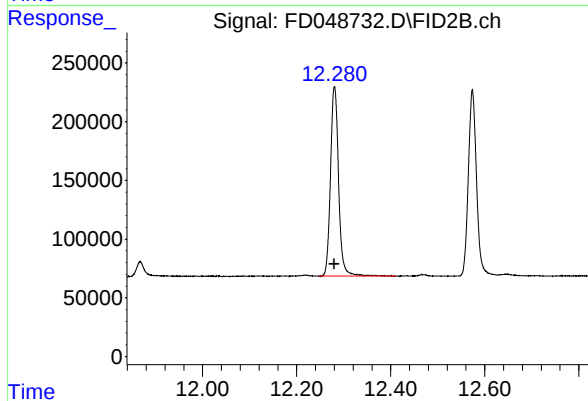
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: 0.000 min
Response: 1984238
Conc: 10.89 ug/ml



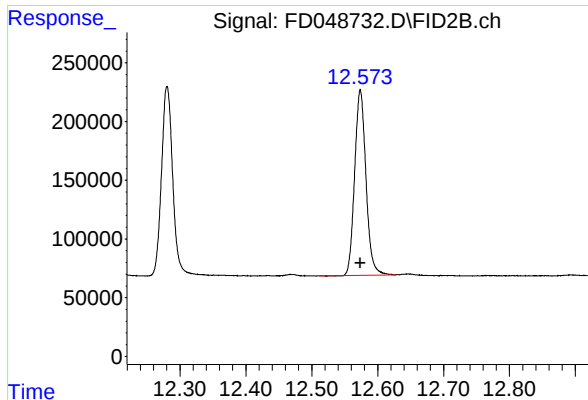
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 2040759
Conc: 10.91 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.281 min
Delta R.T.: 0.000 min
Response: 1932115
Conc: 10.84 ug/ml



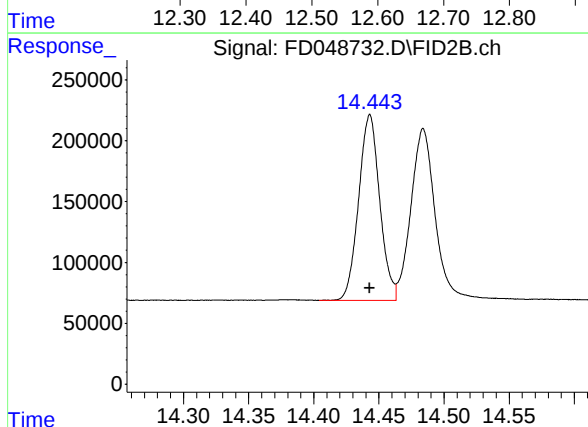
#13 Pyrene (C20.8)

R.T.: 12.574 min
Delta R.T.: 0.000 min
Response: 1881150
Conc: 10.71 ug/ml

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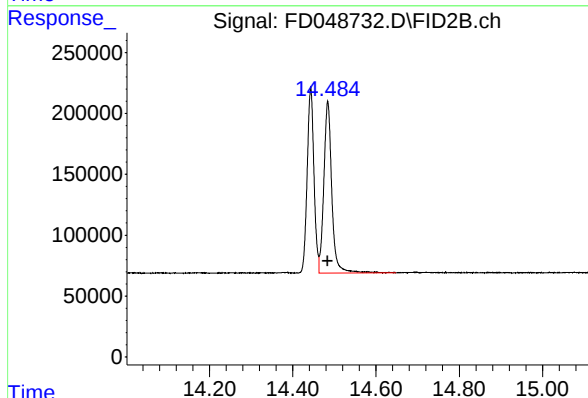
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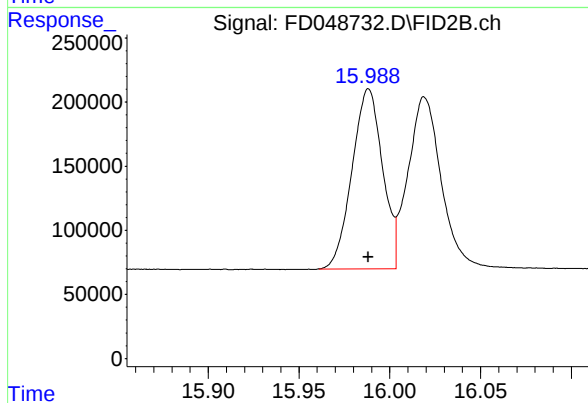
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: 0.000 min
Response: 1716582
Conc: 10.49 ug/ml



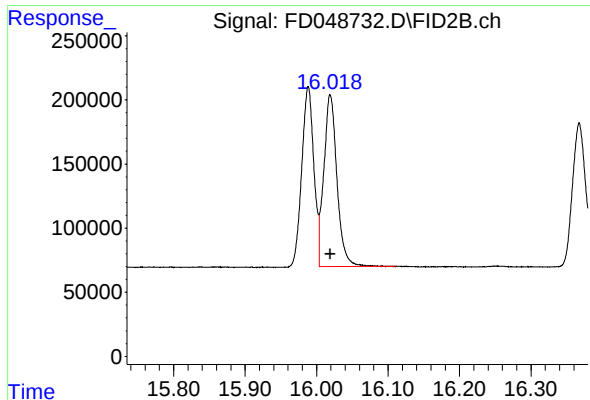
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: 0.000 min
Response: 1873731
Conc: 11.08 ug/ml



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

R.T.: 15.988 min
Delta R.T.: 0.000 min
Response: 1642501
Conc: 10.58 ug/ml



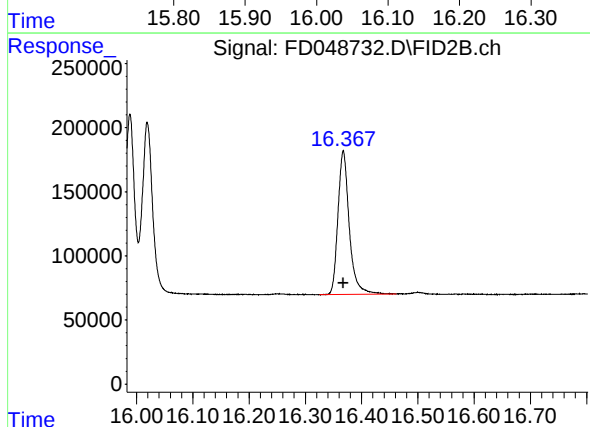
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.019 min
Delta R.T.: 0.000 min
Response: 1721554
Conc: 10.95 ug/ml

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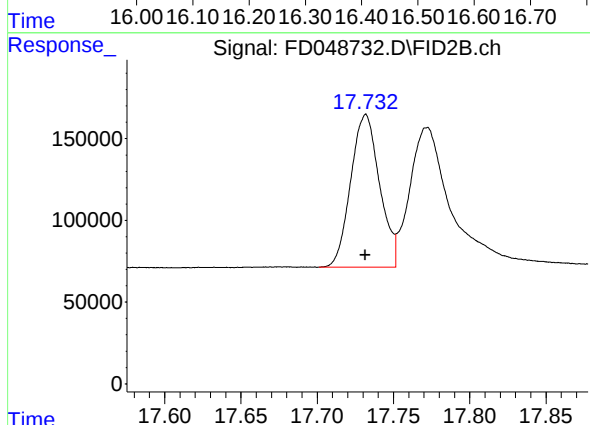
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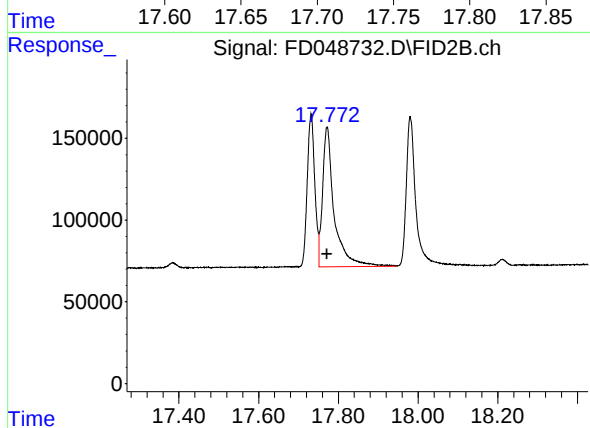
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: 0.000 min
Response: 1568595
Conc: 10.71 ug/ml



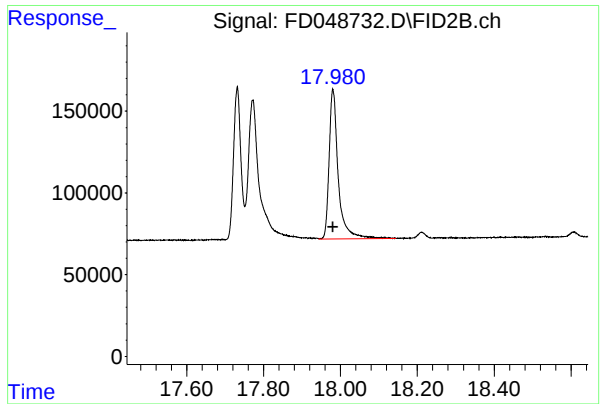
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: 0.000 min
Response: 1231117
Conc: 9.81 ug/ml



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

R.T.: 17.772 min
Delta R.T.: 0.000 min
Response: 1732686
Conc: 11.62 ug/ml



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

R.T.: 17.981 min
Delta R.T.: 0.000 min
Response: 1511827
Conc: 10.84 ug/ml

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