

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111824AR\
 Data File : FD048757.D
 Signal(s) : FID2B.ch
 Acq On : 18 Nov 2024 08:49
 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 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File: sample.E
 Quant Time: Nov 19 05:54:32 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	3864258	21.949 ug/ml
Spiked Amount 50.000		Recovery =	43.90%
6) S 2-Fluorobiphenyl (SURR)	8.215	2550819	22.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.30%
11) S ortho-Terphenyl (SURR)	11.249	4252381	22.109 ug/ml
Spiked Amount 50.000		Recovery =	44.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	4269062	22.652 ug/ml
2) T Naphthalene (C11.7)	5.705	4361984	22.304 ug/ml
3) T 2-Methylnaphthalene (...)	6.752	4258994	22.286 ug/ml
5) T Acenaphthylene (C15.06)	8.017	4347374	22.418 ug/ml
7) T Acenaphthene (C15.5)	8.311	4262166	22.159 ug/ml
8) T Fluorene (C16.55)	9.090	4250474	22.155 ug/ml
9) T Phenanthrene (C19.36)	10.477	4069911	22.203 ug/ml
10) T Anthracene (C19.43)	10.553	4014865	21.439 ug/ml
12) T Fluoranthene (C21.85)	12.281	4104132	22.412 ug/ml
13) T Pyrene (C20.8)	12.574	3992383	22.083 ug/ml
14) T Benzo[a]anthracene (C...	14.444	3698445	22.483 ug/ml
15) T Chrysene (C27.41)	14.486	3850730	22.002 ug/ml
16) T benzo[b]fluoranthene ...	15.991	3516932	22.384 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.022	3782863	23.180 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.367	3319405	22.263 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	2680453	21.699 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3533401	22.532 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	3095047	21.691 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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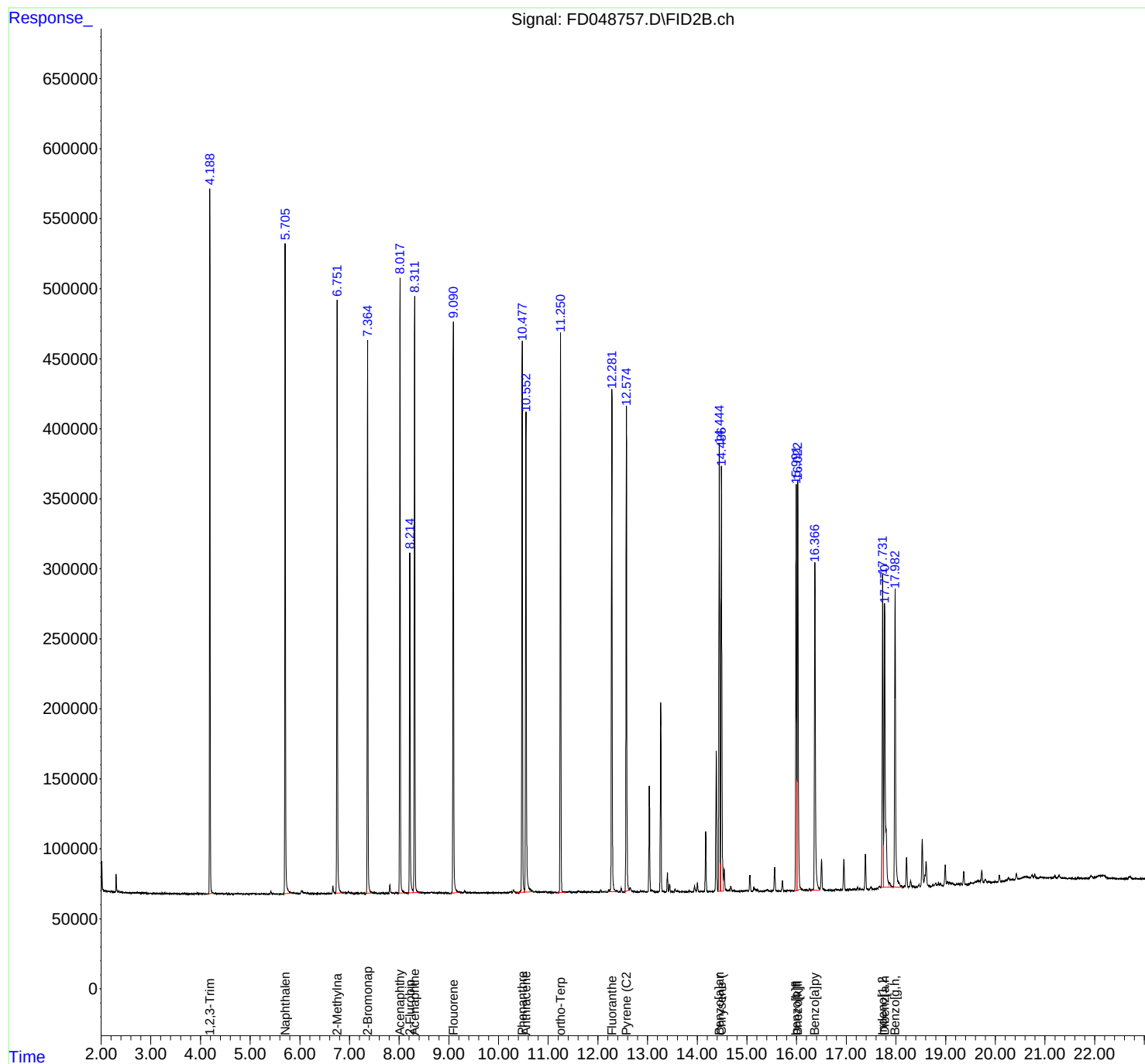
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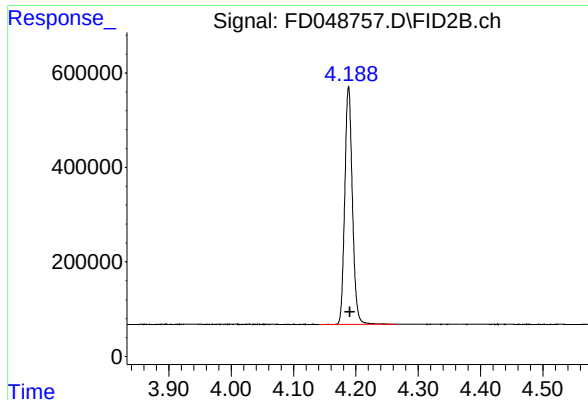
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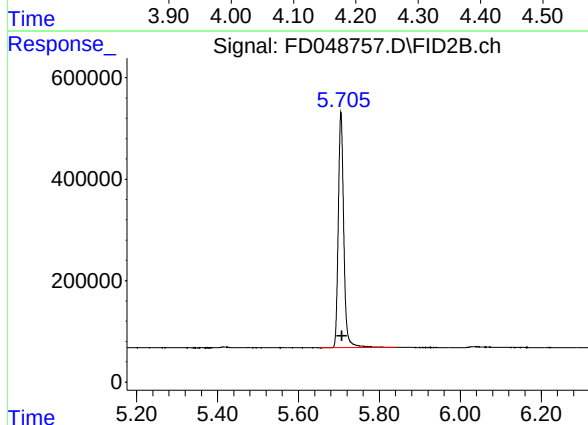
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 4269062
Conc: 22.65 ug/ml

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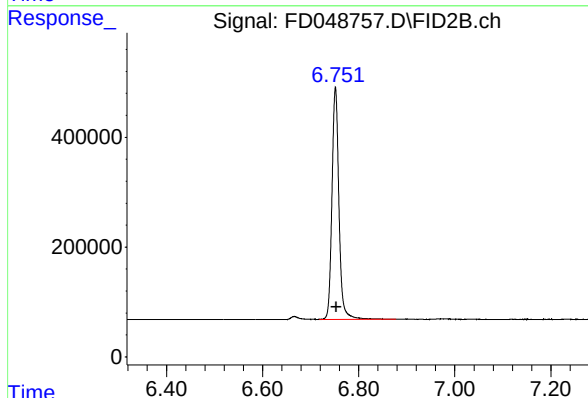
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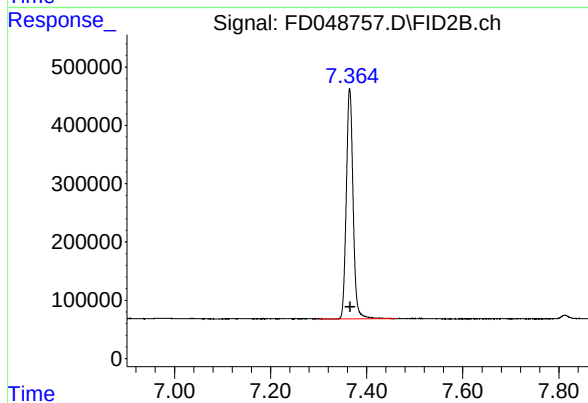
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 4361984
Conc: 22.30 ug/ml



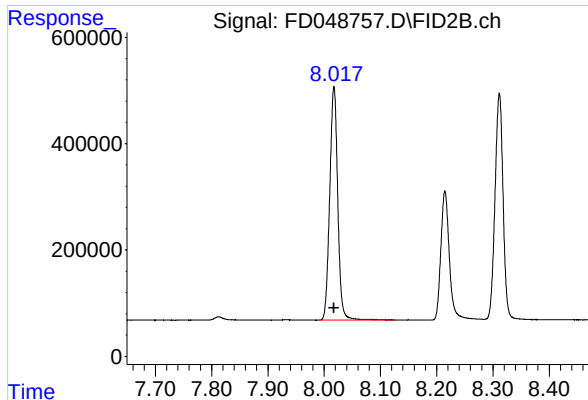
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 4258994
Conc: 22.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 3864258
Conc: 21.95 ug/ml



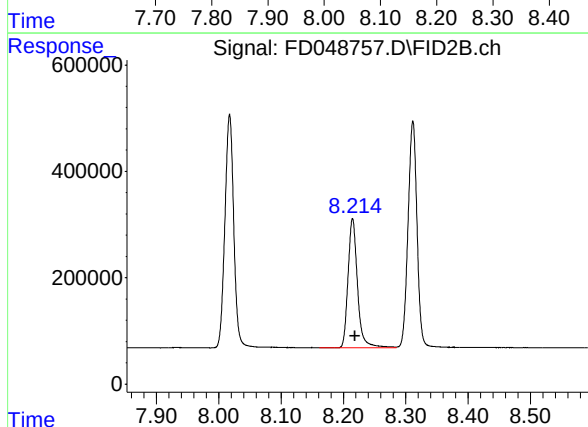
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 4347374
Conc: 22.42 ug/ml

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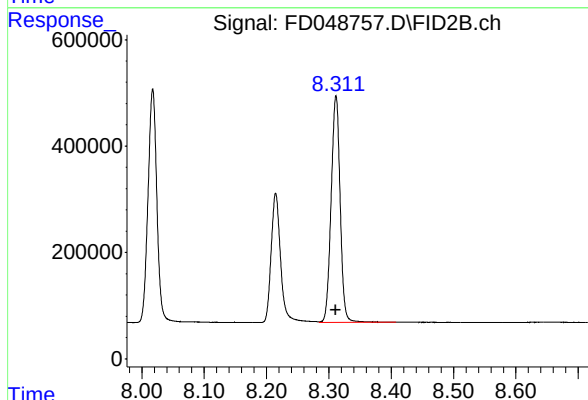
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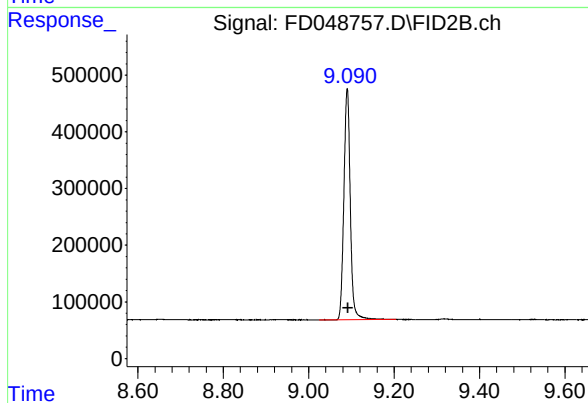
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.004 min
Response: 2550819
Conc: 22.15 ug/ml



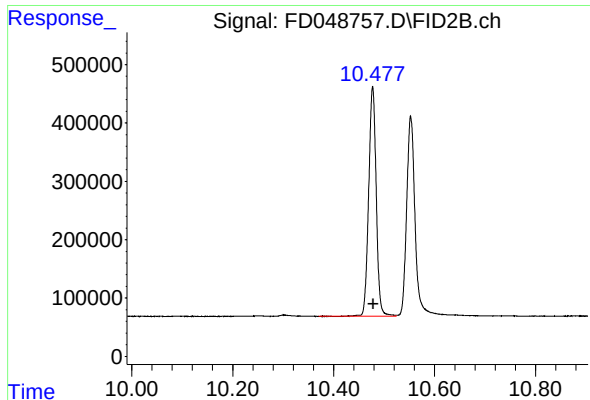
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 4262166
Conc: 22.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.090 min
Delta R.T.: -0.001 min
Response: 4250474
Conc: 22.15 ug/ml



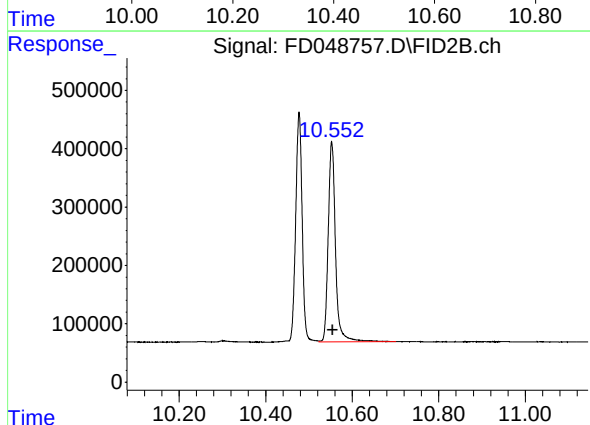
#9 Phenanthrene (C19.36)

R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 4069911
Conc: 22.20 ug/ml

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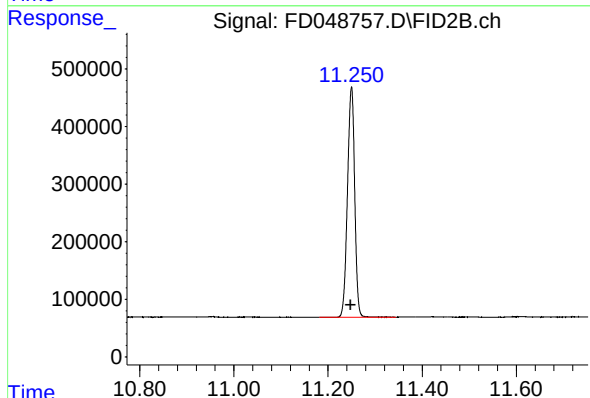
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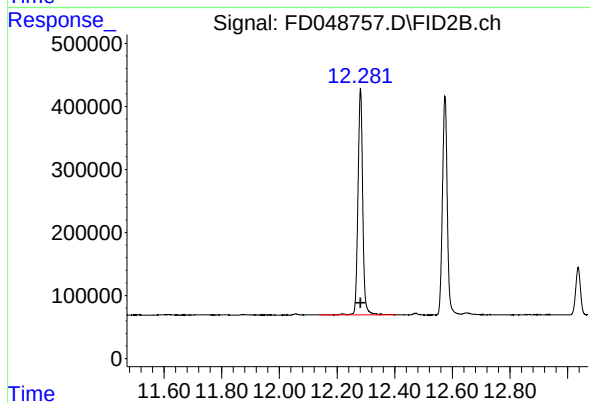
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.002 min
Response: 4014865
Conc: 21.44 ug/ml



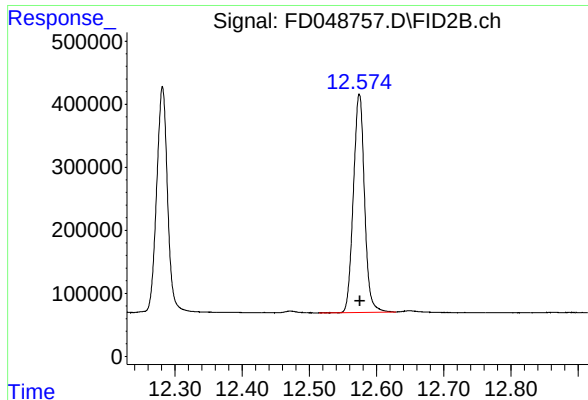
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 4252381
Conc: 22.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.281 min
Delta R.T.: -0.002 min
Response: 4104132
Conc: 22.41 ug/ml



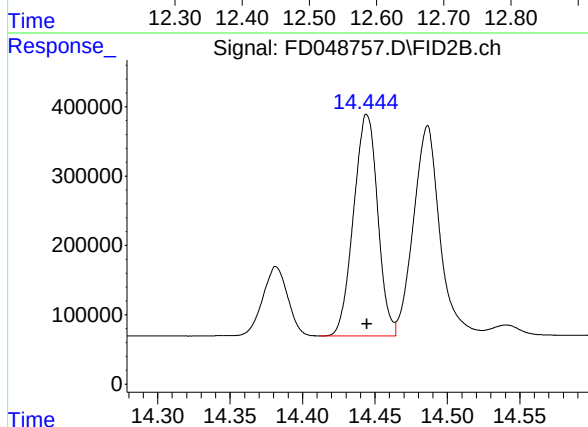
#13 Pyrene (C20.8)

R.T.: 12.574 min
Delta R.T.: -0.001 min
Response: 3992383
Conc: 22.08 ug/ml

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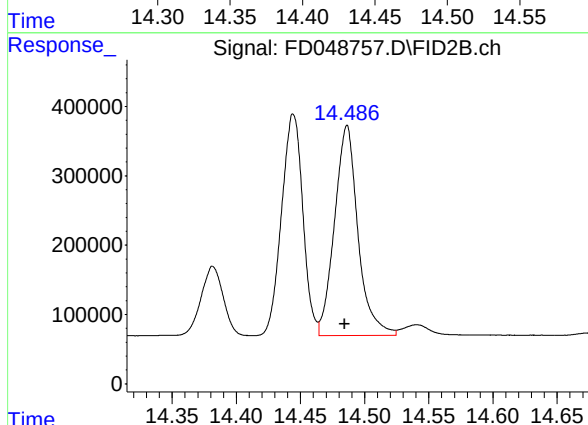
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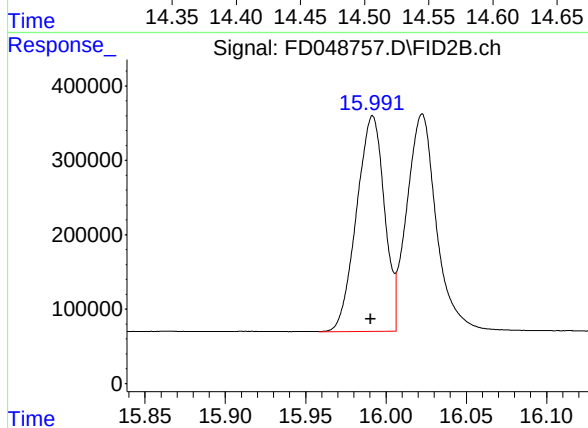
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.444 min
Delta R.T.: 0.000 min
Response: 3698445
Conc: 22.48 ug/ml



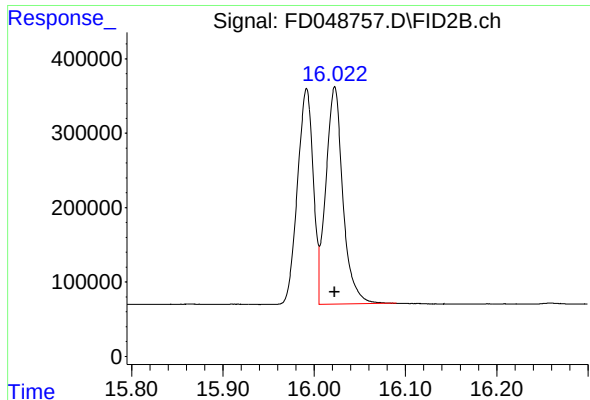
#15 Chrysene (C27.41)

R.T.: 14.486 min
Delta R.T.: 0.001 min
Response: 3850730
Conc: 22.00 ug/ml



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

R.T.: 15.991 min
Delta R.T.: 0.000 min
Response: 3516932
Conc: 22.38 ug/ml m



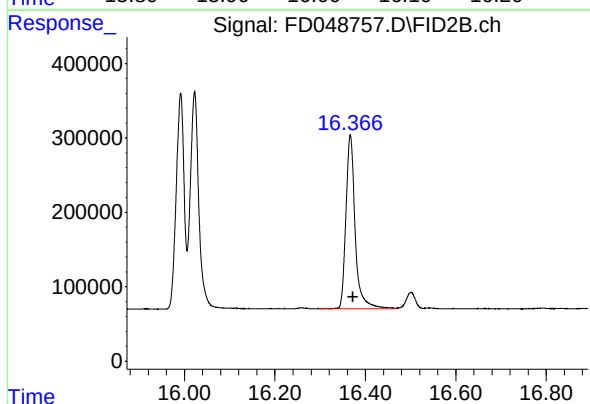
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 3782863
Conc: 23.18 ug/ml

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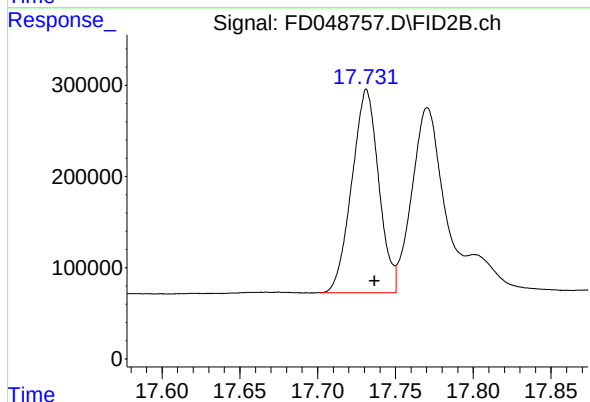
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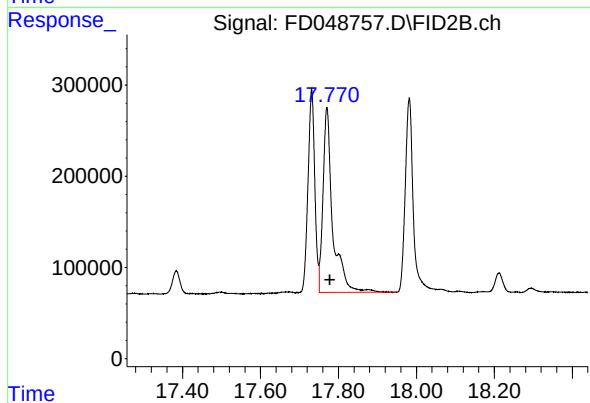
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.367 min
Delta R.T.: -0.006 min
Response: 3319405
Conc: 22.26 ug/ml



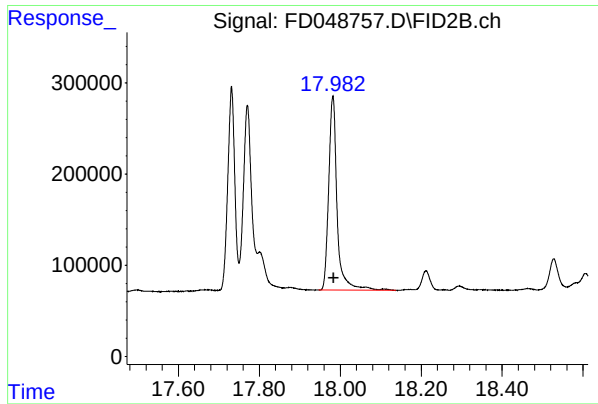
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: -0.006 min
Response: 2680453
Conc: 21.70 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.008 min
Response: 3533401
Conc: 22.53 ug/ml



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

R.T.: 17.981 min
Delta R.T.: -0.003 min
Response: 3095047
Conc: 21.69 ug/ml

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