

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045705.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2023 11:16
 Operator : YP/AJ
 Sample : 02837-01MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTE-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/22/2023

Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e

Quant Time: May 21 04:46:18 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M

Quant Title : GC Extractables

QLast Update : Fri May 05 18:09:33 2023

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...	7.557	11738462	68.818 ug/mlm
Spiked Amount 50.000		Recovery =	137.64%
6) S 2-Fluorobiphenyl (SURR)	8.422	9274912	80.669 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	161.34%#
11) S ortho-Terphenyl (SURR)	11.478	14624259	69.270 ug/mlm
Spiked Amount 50.000		Recovery =	138.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	6290703	33.700 ug/ml
2) T Naphthalene (C11.7)	5.885	8233728	41.859 ug/mlm
3) T 2-Methylnaphthalene (...)	6.945	15868394	80.328 ug/mlm
5) T Acenaphthylene (C15.06)	8.225	14935160	83.128 ug/mlm
7) T Acenaphthene (C15.5)	8.522	8554895	44.955 ug/mlm
8) T Flouorene (C16.55)	9.310	6820940	36.168 ug/mlm
9) T Phenanthrene (C19.36)	10.714	9732692	52.362 ug/mlm
10) T Anthracene (C19.43)	10.793	16294673	91.147 ug/mlm
12) T Fluoranthene (C21.85)	12.529f	13315863	73.814 ug/mlm
13) T Pyrene (C20.8)	12.820f	14541391	82.970 ug/mlm
14) T Benzo[a]anthracene (C...	14.658	7824584	49.159 ug/mlm
15) T Chrysene (C27.41)	14.702	8315962	51.213 ug/mlm
16) T benzo[b]fluoranthene ...	16.188	7351792	49.918 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.221	6878789	47.574 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.560	6371156	45.695 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	6451883	50.781 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	6691726	52.104 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	6563048	51.025 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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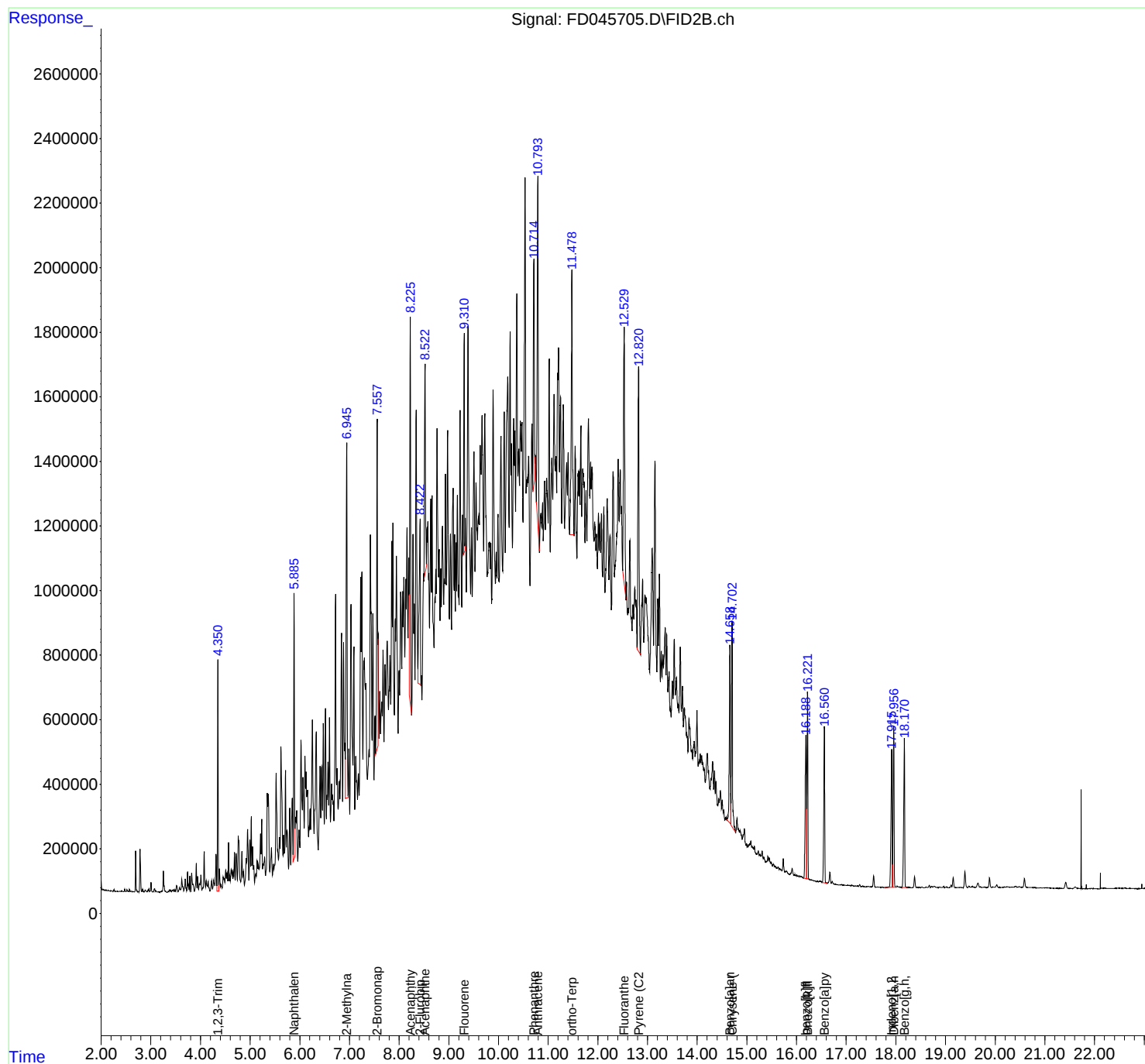
Response via : Initial Calibration

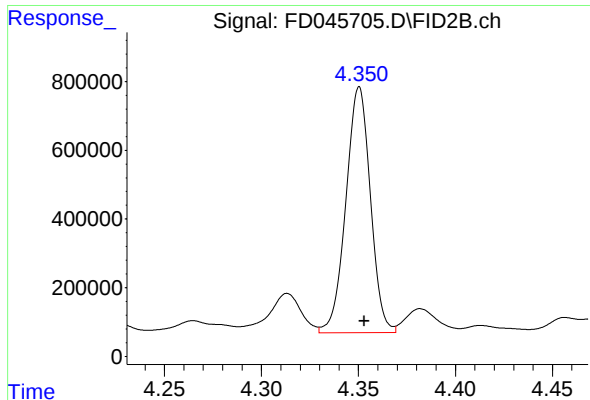
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





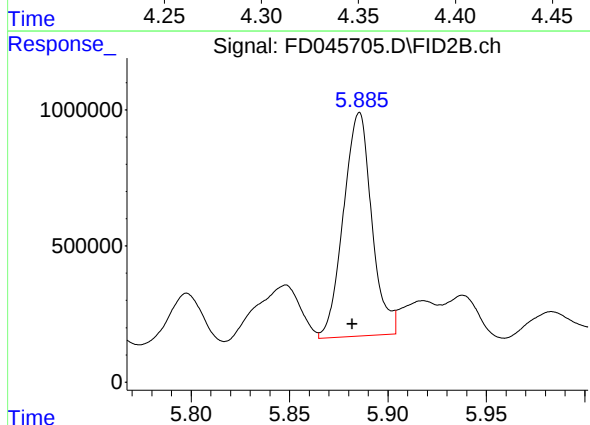
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 6290703
Conc: 33.70 ug/ml

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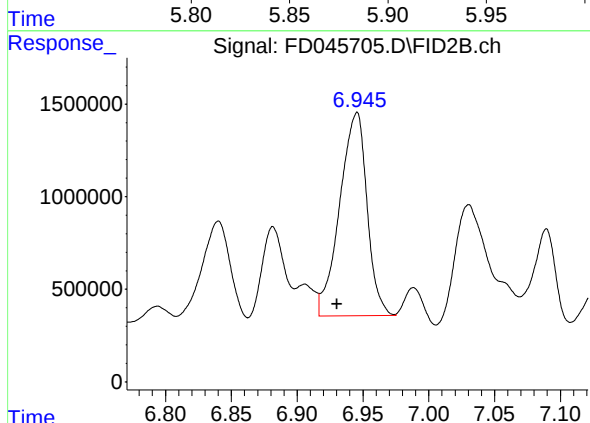
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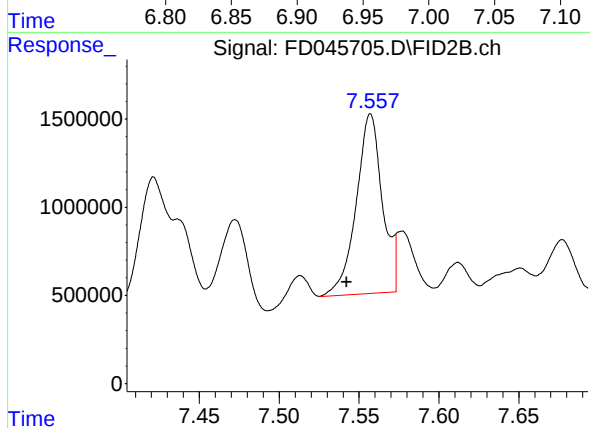
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: 0.003 min
Response: 8233728
Conc: 41.86 ug/ml m



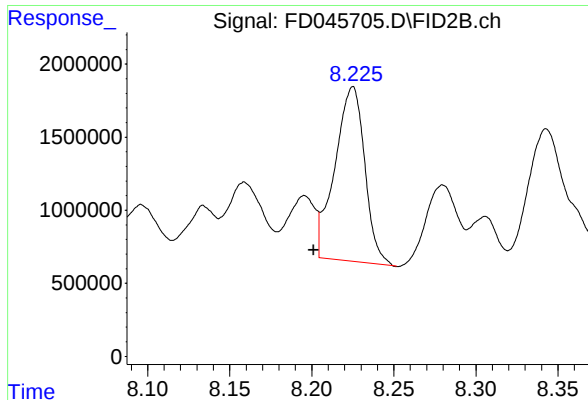
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: 0.015 min
Response: 15868394
Conc: 80.33 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: 0.015 min
Response: 11738462
Conc: 68.82 ug/ml m



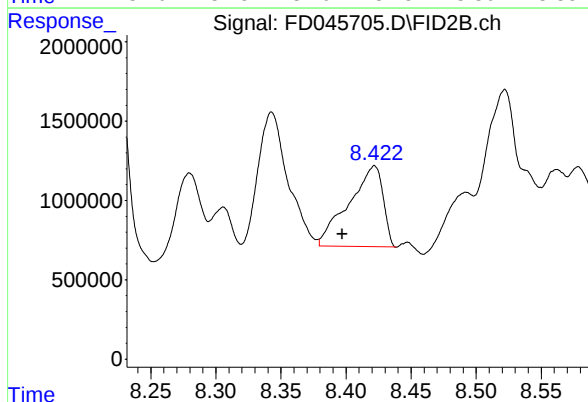
#5 Acenaphthylene (C15.06)

R.T.: 8.225 min
Delta R.T.: 0.024 min
Response: 14935160
Conc: 83.13 ug/ml

Instrument :
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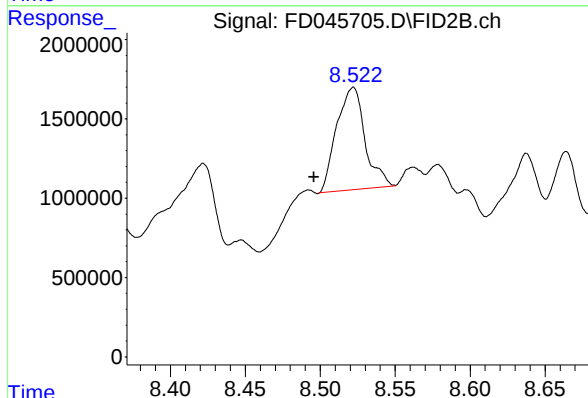
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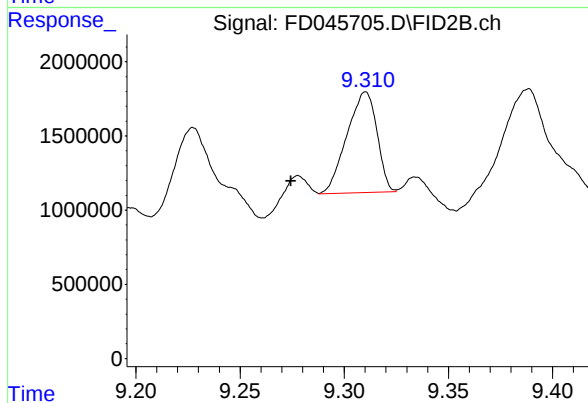
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.422 min
Delta R.T.: 0.024 min
Response: 9274912
Conc: 80.67 ug/ml m



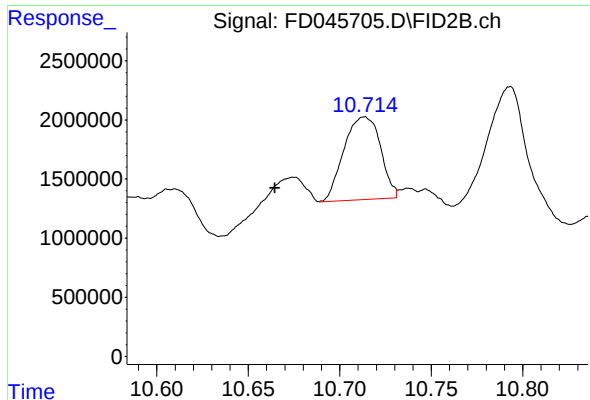
#7 Acenaphthene (C15.5)

R.T.: 8.522 min
Delta R.T.: 0.026 min
Response: 8554895
Conc: 44.96 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.310 min
Delta R.T.: 0.036 min
Response: 6820940
Conc: 36.17 ug/ml m



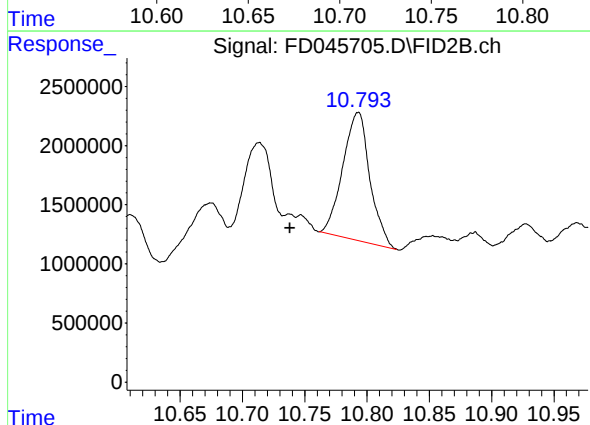
#9 Phenanthrene (C19.36)

R.T.: 10.714 min
Delta R.T.: 0.049 min
Response: 9732692
Conc: 52.36 ug/ml

Instrument :
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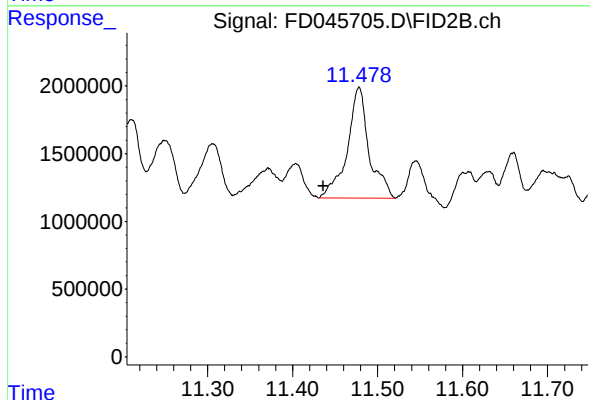
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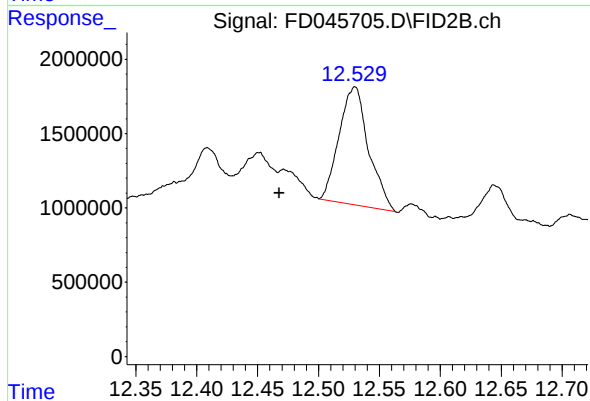
#10 Anthracene (C19.43)

R.T.: 10.793 min
Delta R.T.: 0.055 min
Response: 16294673
Conc: 91.15 ug/ml m



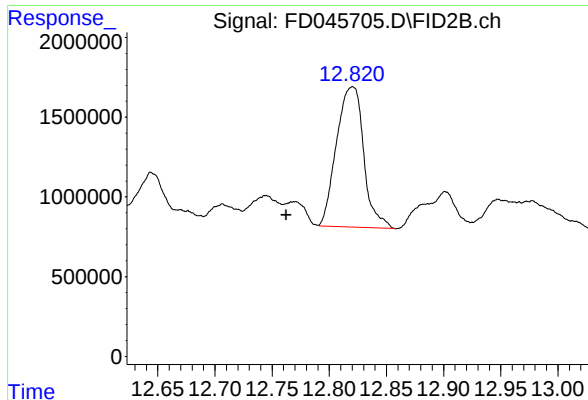
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: 0.042 min
Response: 14624259
Conc: 69.27 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.529 min
Delta R.T.: 0.061 min
Response: 13315863
Conc: 73.81 ug/ml m



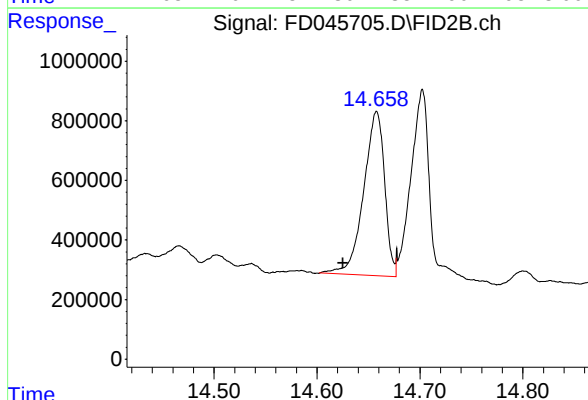
#13 Pyrene (C20.8)

R.T.: 12.820 min
Delta R.T.: 0.058 min
Response: 14541391
Conc: 82.97 ug/ml

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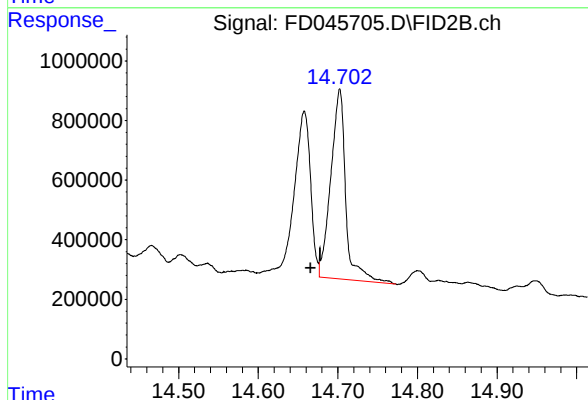
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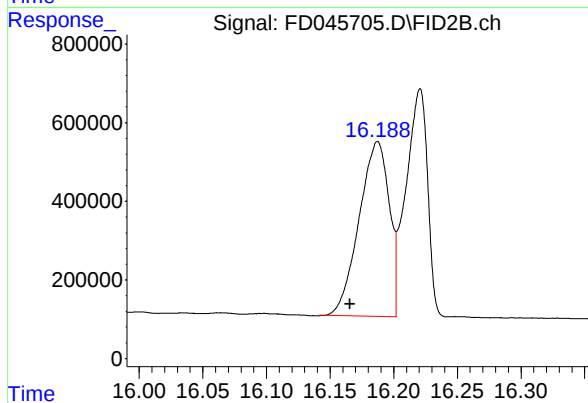
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.658 min
Delta R.T.: 0.032 min
Response: 7824584
Conc: 49.16 ug/ml m



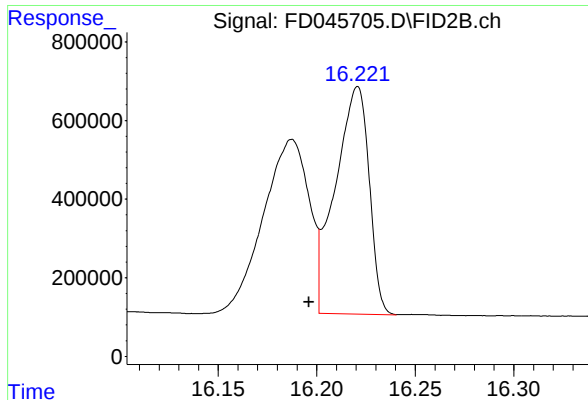
#15 Chrysene (C27.41)

R.T.: 14.702 min
Delta R.T.: 0.036 min
Response: 8315962
Conc: 51.21 ug/ml m



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

R.T.: 16.188 min
Delta R.T.: 0.022 min
Response: 7351792
Conc: 49.92 ug/ml m



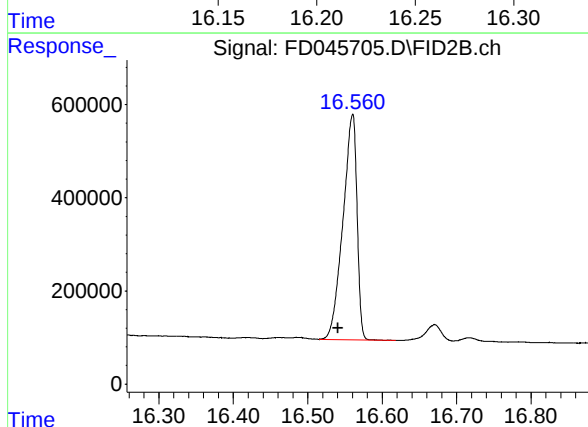
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min
Delta R.T.: 0.025 min
Response: 6878789
Conc: 47.57 ug/ml

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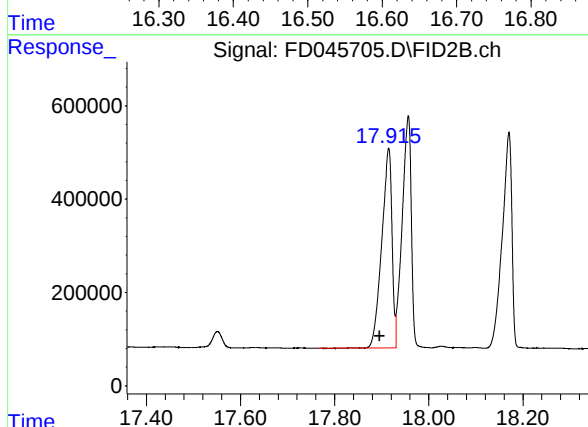
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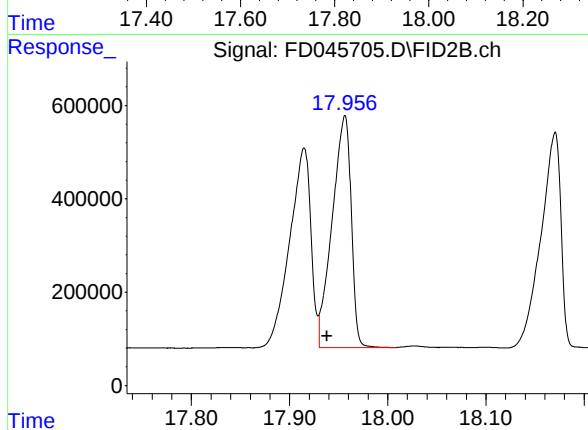
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.019 min
Response: 6371156
Conc: 45.70 ug/ml



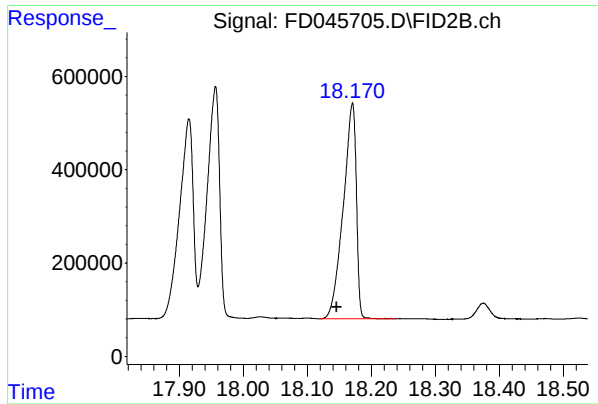
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 6451883
Conc: 50.78 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.018 min
Response: 6691726
Conc: 52.10 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.024 min
Response: 6563048
Conc: 51.02 ug/ml

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