

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045423.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 00:21
 Operator : YP/AJ
 Sample : 02139-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTE MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/07/2023

Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e

Quant Time: Apr 07 07:14:55 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M

Quant Title : GC Extractables

QLast Update : Tue Mar 28 05:56:14 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...	7.570	16284944	118.860 ug/mlm
Spiked Amount 50.000		Recovery =	237.72%
6) S 2-Fluorobiphenyl (SURR)	8.431	11666000	130.132 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	260.26%#
11) S ortho-Terphenyl (SURR)	11.467	9701105	55.758 ug/mlm
Spiked Amount 50.000		Recovery =	111.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	10204406	65.504 ug/ml
2) T Naphthalene (C11.7)	5.898	9158882	56.991 ug/mlm
3) T 2-Methylnaphthalene (...)	6.971	47223604	295.000 ug/mlm
5) T Acenaphthylene (C15.06)	8.233	26644924	181.982 ug/mlm
7) T Acenaphthene (C15.5)	8.528	16718304	107.786 ug/mlm
8) T Flouorene (C16.55)	9.313	13998038	94.397 ug/mlm
9) T Phenanthrene (C19.36)	10.703	11755761	81.155 ug/mlm
10) T Anthracene (C19.43)	10.779	11377733	82.313 ug/mlm
12) T Fluoranthene (C21.85)	12.456	11525289	80.108 ug/mlm
13) T Pyrene (C20.8)	12.801	8718918	62.012 ug/mlm
14) T Benzo[a]anthracene (C...	14.652	5086606	39.664 ug/mlm
15) T Chrysene (C27.41)	14.693	4588387	34.603 ug/mlm
16) T benzo[b]fluoranthene ...	16.188	4936197	37.999 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	4859781	38.370 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	4349702	34.596 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	4117859	34.791 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	4226465	35.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	4475686	35.831 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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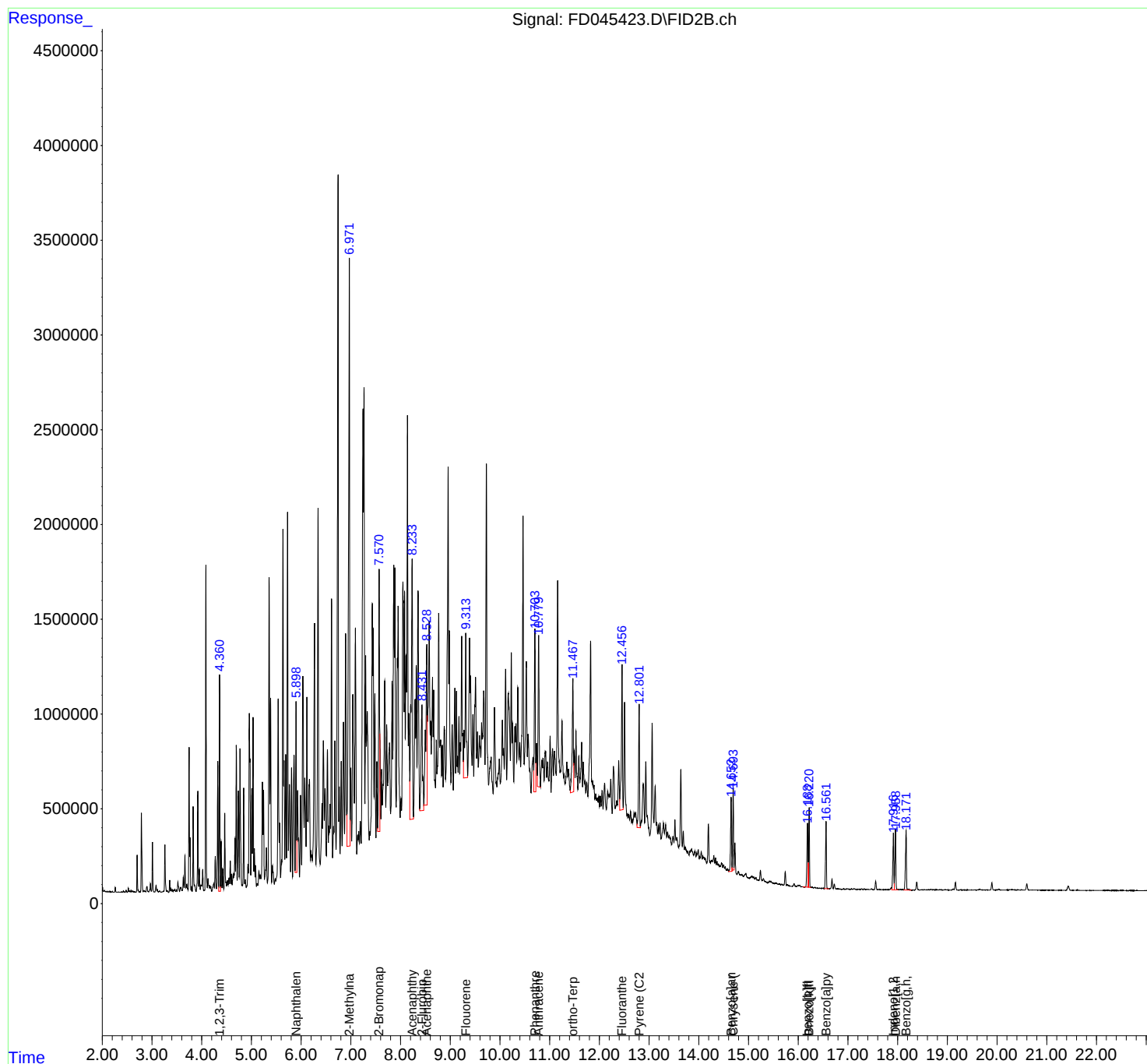
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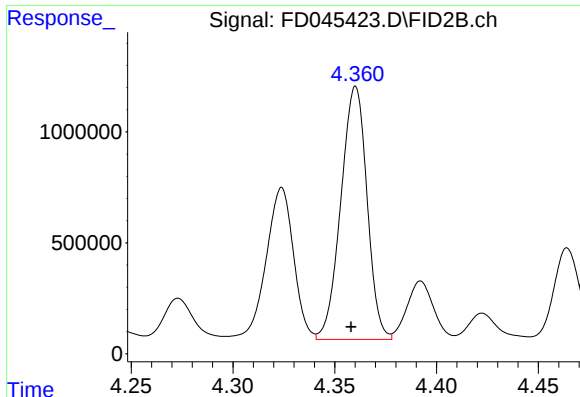
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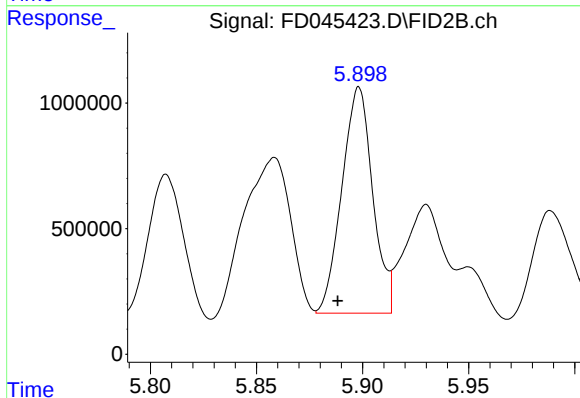
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.360 min
Delta R.T.: 0.002 min
Response: 10204406
Conc: 65.50 ug/ml

Instrument :
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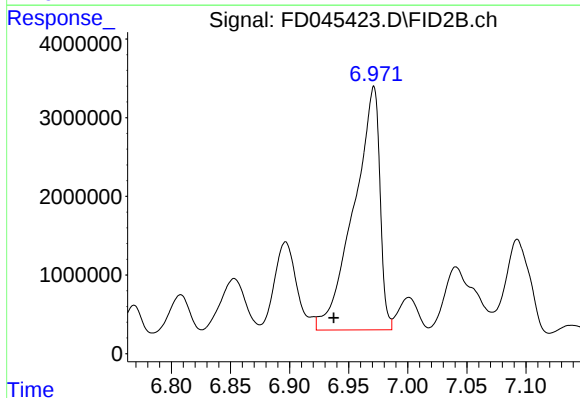
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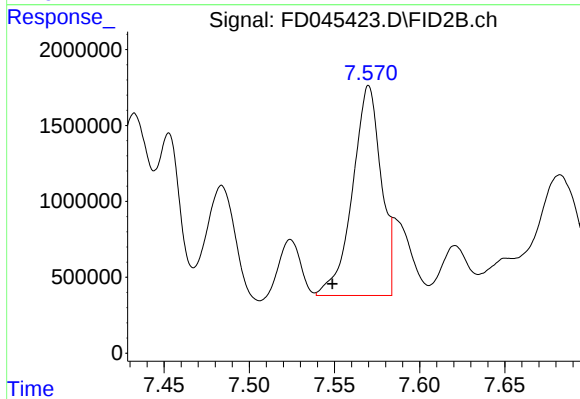
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: 0.009 min
Response: 9158882
Conc: 56.99 ug/ml m



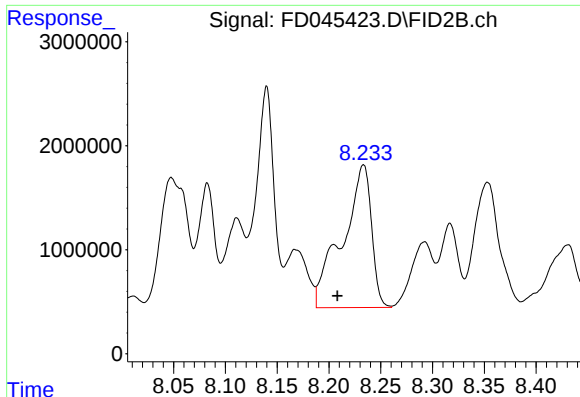
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: 0.034 min
Response: 47223604
Conc: 295.00 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.570 min
Delta R.T.: 0.021 min
Response: 16284944
Conc: 118.86 ug/ml m



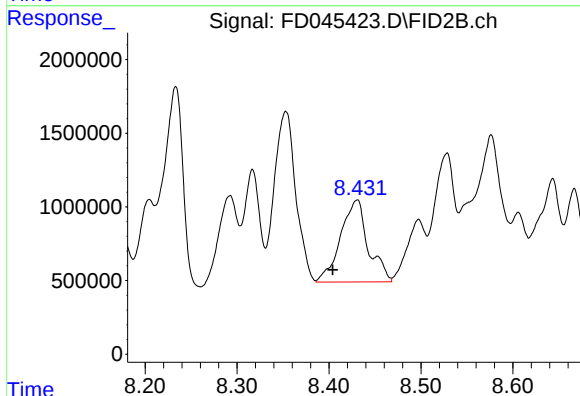
#5 Acenaphthylene (C15.06)

R.T.: 8.233 min
Delta R.T.: 0.025 min
Response: 26644924
Conc: 181.98 ug/ml

Instrument :
FID_D
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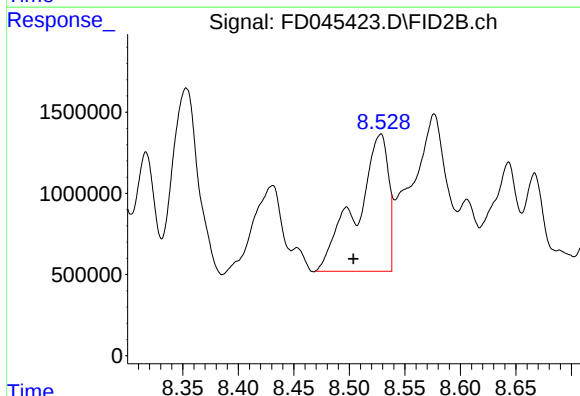
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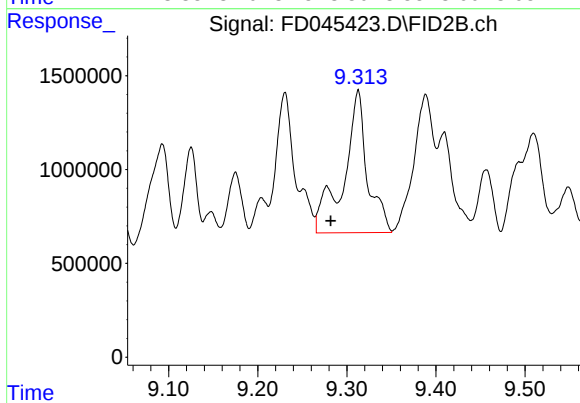
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.431 min
Delta R.T.: 0.027 min
Response: 11666000
Conc: 130.13 ug/ml m



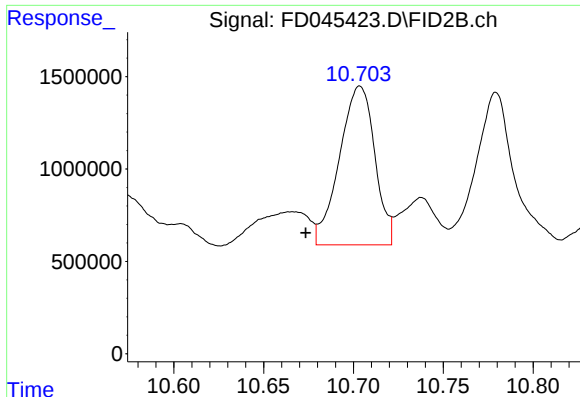
#7 Acenaphthene (C15.5)

R.T.: 8.528 min
Delta R.T.: 0.025 min
Response: 16718304
Conc: 107.79 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.313 min
Delta R.T.: 0.031 min
Response: 13998038
Conc: 94.40 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 10.703 min
Delta R.T.: 0.030 min
Response: 11755761
Conc: 81.15 ug/ml

Instrument :

FID_D

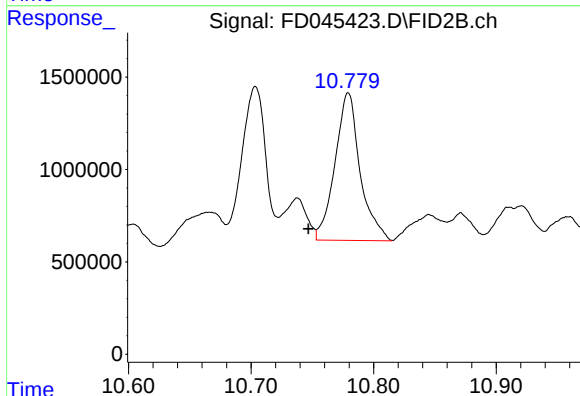
ClientSampleId :

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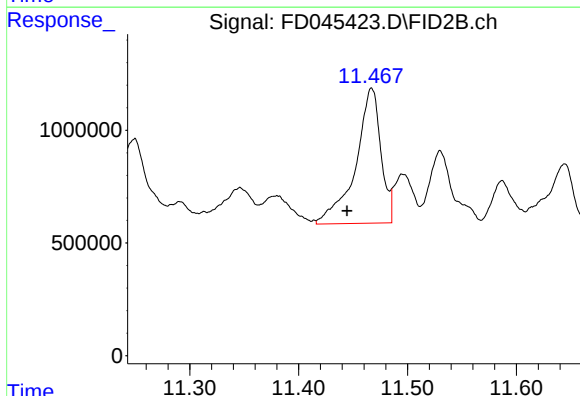
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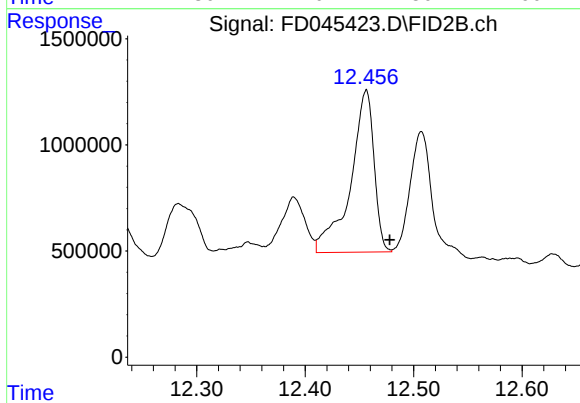
#10 Anthracene (C19.43)

R.T.: 10.779 min
Delta R.T.: 0.032 min
Response: 11377733
Conc: 82.31 ug/ml m



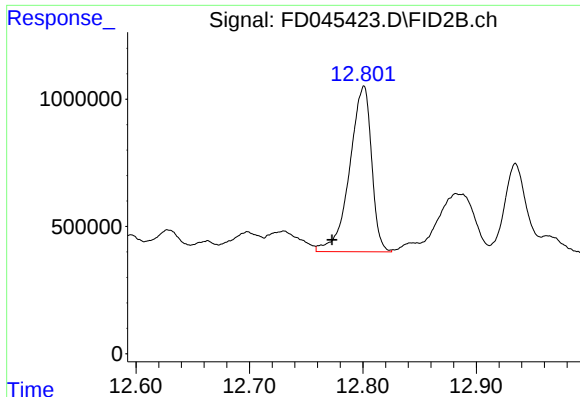
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: 0.022 min
Response: 9701105
Conc: 55.76 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.456 min
Delta R.T.: -0.022 min
Response: 11525289
Conc: 80.11 ug/ml m



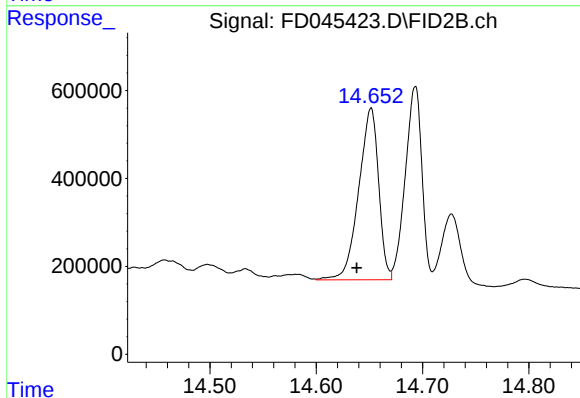
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: 0.028 min
Response: 8718918
Conc: 62.01 ug/ml

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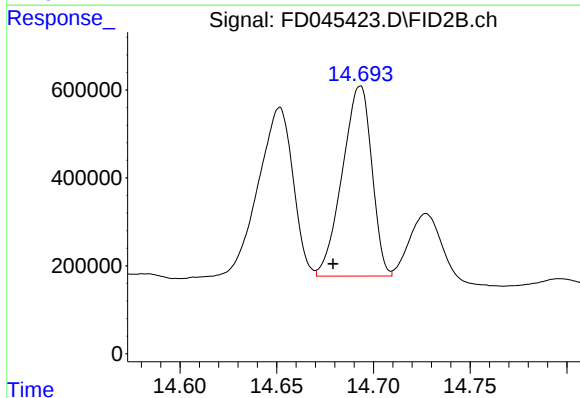
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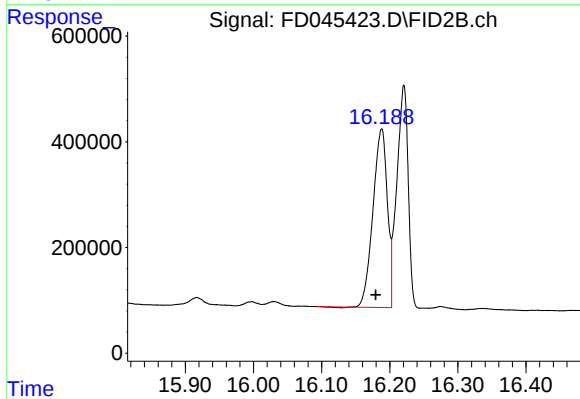
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: 0.014 min
Response: 5086606
Conc: 39.66 ug/ml m



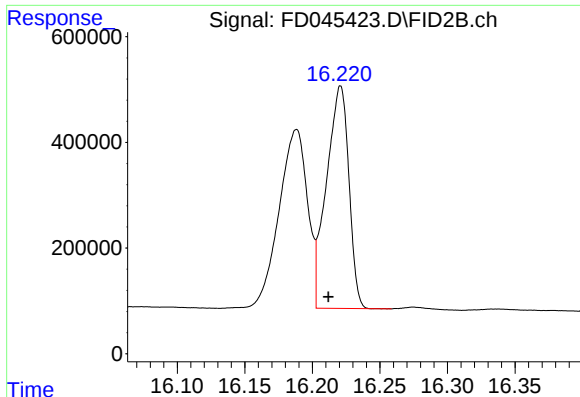
#15 Chrysene (C27.41)

R.T.: 14.693 min
Delta R.T.: 0.014 min
Response: 4588387
Conc: 34.60 ug/ml m



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

R.T.: 16.188 min
Delta R.T.: 0.008 min
Response: 4936197
Conc: 38.00 ug/ml



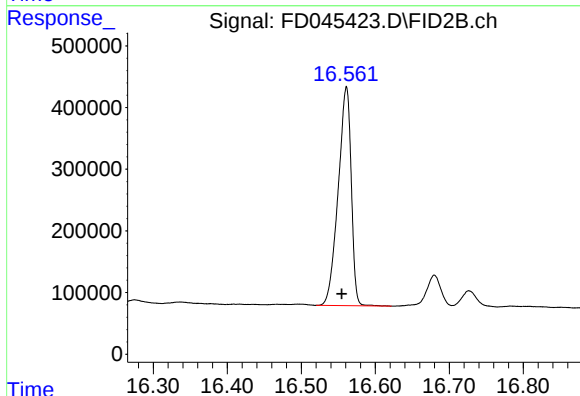
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.220 min
Delta R.T.: 0.009 min
Response: 4859781
Conc: 38.37 ug/ml

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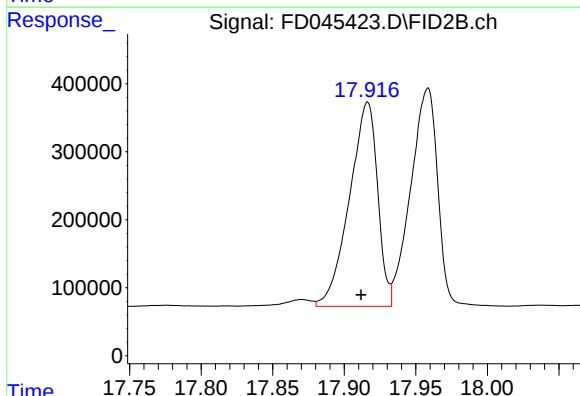
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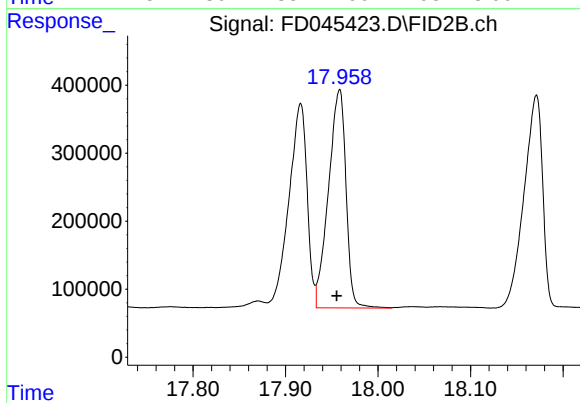
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.006 min
Response: 4349702
Conc: 34.60 ug/ml



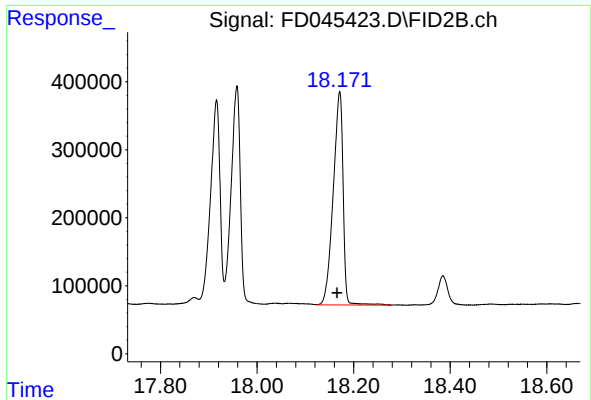
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.004 min
Response: 4117859
Conc: 34.79 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.003 min
Response: 4226465
Conc: 35.48 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.005 min
Response: 4475686
Conc: 35.83 ug/ml

Instrument :

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