

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048607.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 16:27
 Operator : YP/AJ
 Sample : P4518-05MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EX-5-TPH-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :Ankita Jodhani 10/30/2024

Integration File: autoint1.e
 Quant Time: Oct 30 02:37:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.374	9693084	63.863 ug/mlm
Spiked Amount 50.000		Recovery =	127.73%
6) S 2-Fluorobiphenyl (SURR)	8.226	5737547	58.432 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.86%
11) S ortho-Terphenyl (SURR)	11.263	6064486	35.602 ug/mlm
Spiked Amount 50.000		Recovery =	71.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	7927685	45.569 ug/mlm
2) T Naphthalene (C11.7)	5.714	9959547	55.816 ug/mlm
3) T 2-Methylnaphthalene (...)	6.764	14275643	79.812 ug/ml
5) T Acenaphthylene (C15.06)	8.032	14845173	84.544 ug/mlm
7) T Acenaphthene (C15.5)	8.327	11960617	67.436 ug/mlm
8) T Fluorene (C16.55)	9.109	13189064	78.025 ug/mlm
9) T Phenanthrene (C19.36)	10.499	13677824	82.743 ug/mlm
10) T Anthracene (C19.43)	10.572	11666821	72.959 ug/mlm
12) T Fluoranthene (C21.85)	12.301	12086525	73.440 ug/mlm
13) T Pyrene (C20.8)	12.594	11268384	69.956 ug/mlm
14) T Benzo[a]anthracene (C...	14.460	9699129	66.334 ug/mlm
15) T Chrysene (C27.41)	14.503	9884118	60.089 ug/ml
16) T benzo[b]fluoranthene ...	16.008	9660357	63.543 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	9174125	61.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	9154091	60.826 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	9799594	75.105 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	8906597	54.731 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	8814435	57.576 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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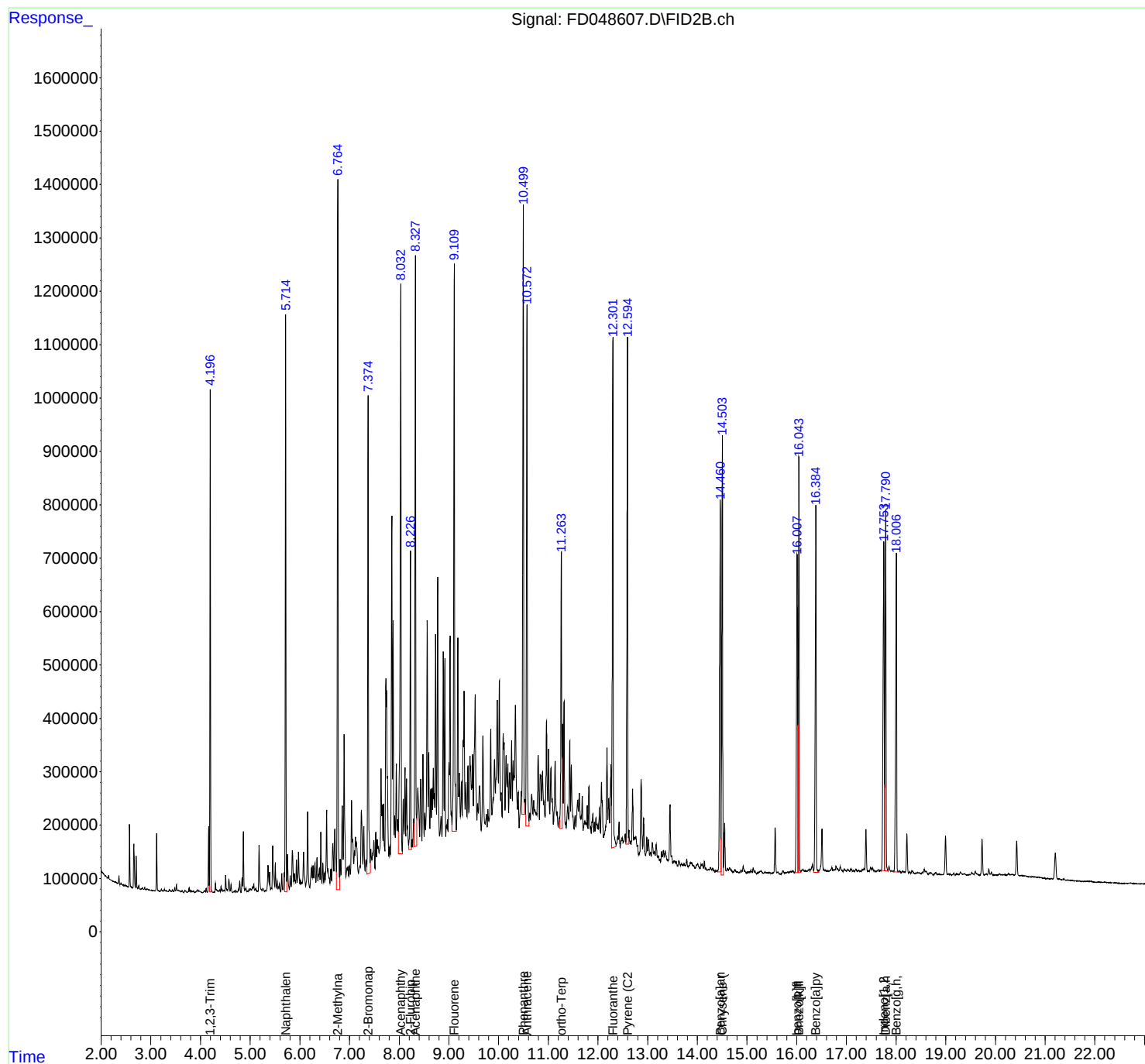
Instrument :
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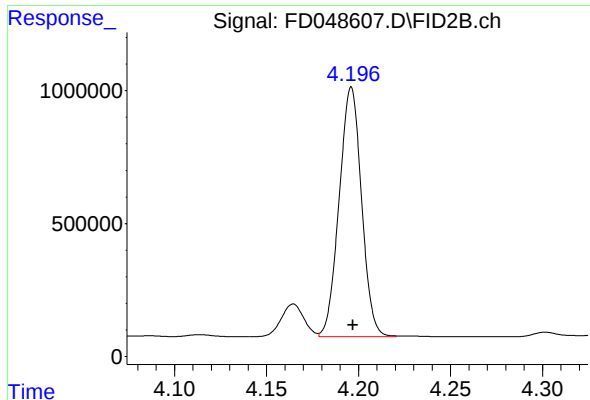
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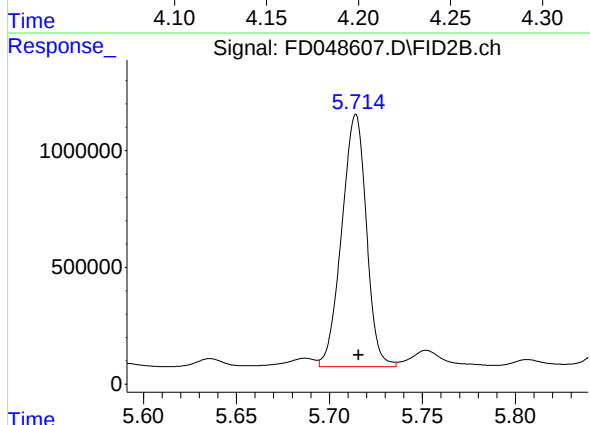
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.196 min
Delta R.T.: -0.001 min
Response: 7927685
Conc: 45.57 ug/ml

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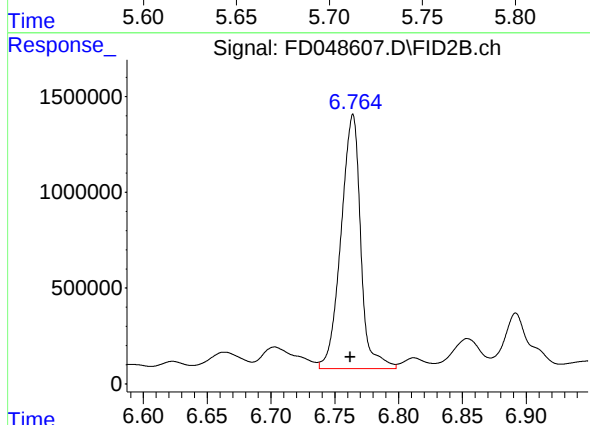
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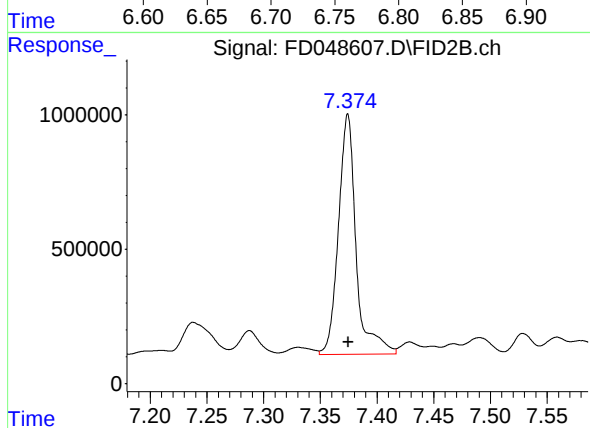
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 9959547
Conc: 55.82 ug/ml m



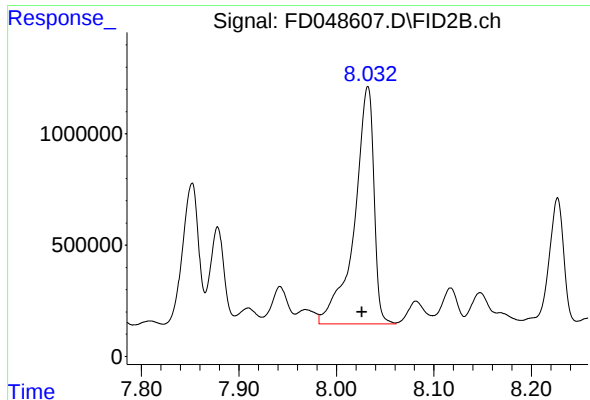
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: 0.001 min
Response: 14275643
Conc: 79.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 9693084
Conc: 63.86 ug/ml m



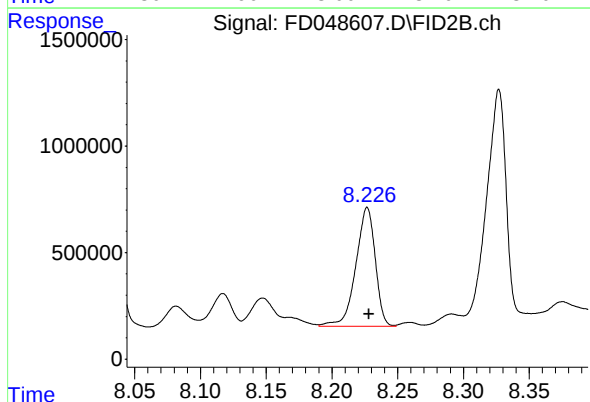
#5 Acenaphthylene (C15.06)

R.T.: 8.032 min
Delta R.T.: 0.006 min
Response: 14845173
Conc: 84.54 ug/ml

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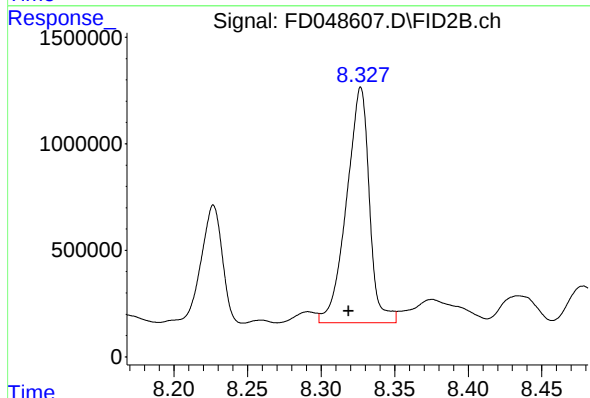
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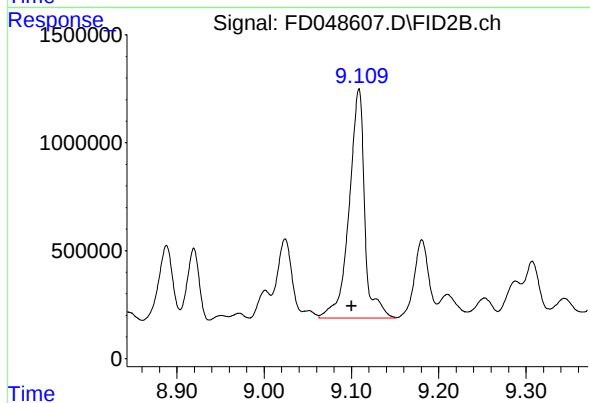
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.226 min
Delta R.T.: -0.002 min
Response: 5737547
Conc: 58.43 ug/ml m



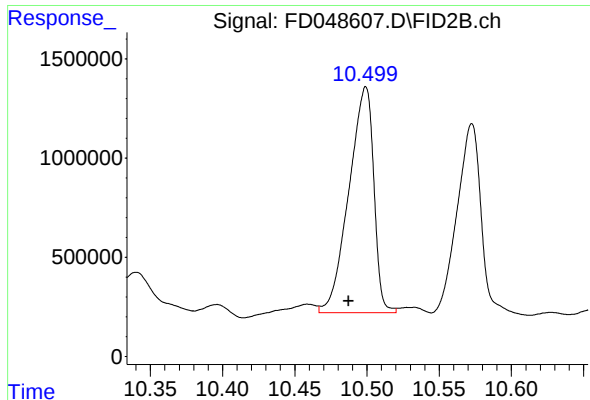
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.008 min
Response: 11960617
Conc: 67.44 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.109 min
Delta R.T.: 0.008 min
Response: 13189064
Conc: 78.02 ug/ml m



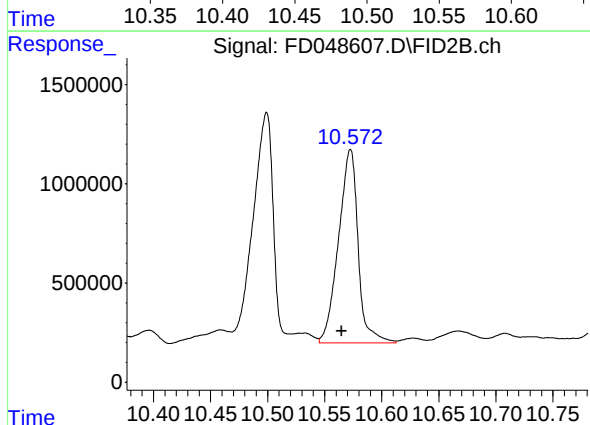
#9 Phenanthrene (C19.36)

R.T.: 10.499 min
Delta R.T.: 0.011 min
Response: 13677824
Conc: 82.74 ug/ml

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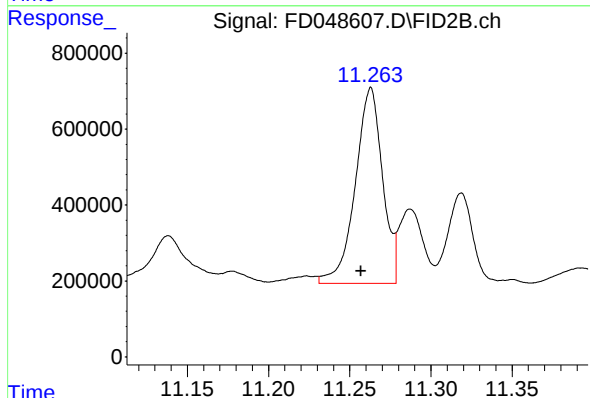
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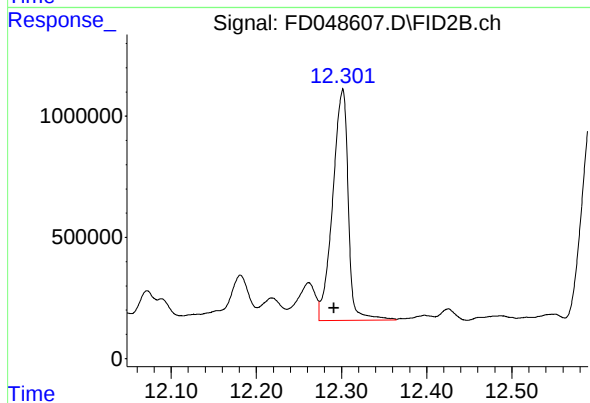
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: 0.008 min
Response: 11666821
Conc: 72.96 ug/ml m



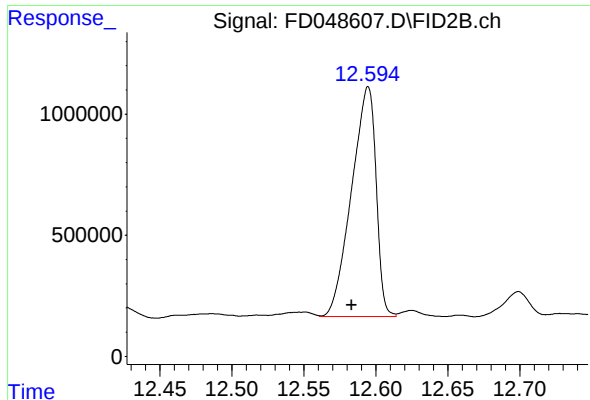
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: 0.006 min
Response: 6064486
Conc: 35.60 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.301 min
Delta R.T.: 0.010 min
Response: 12086525
Conc: 73.44 ug/ml m



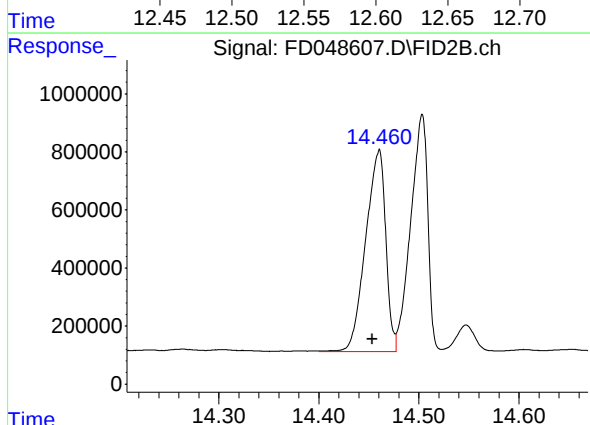
#13 Pyrene (C20.8)

R.T.: 12.594 min
Delta R.T.: 0.011 min
Response: 11268384
Conc: 69.96 ug/ml

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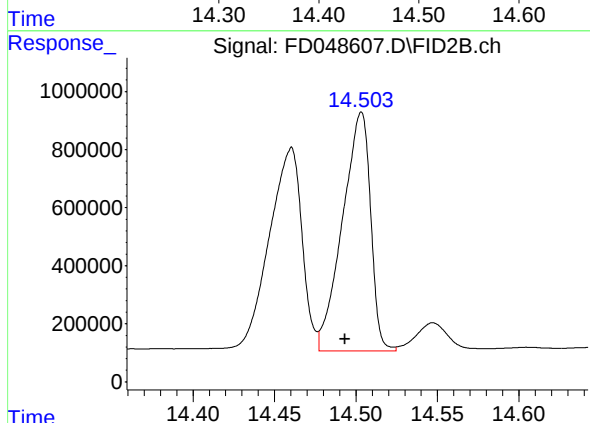
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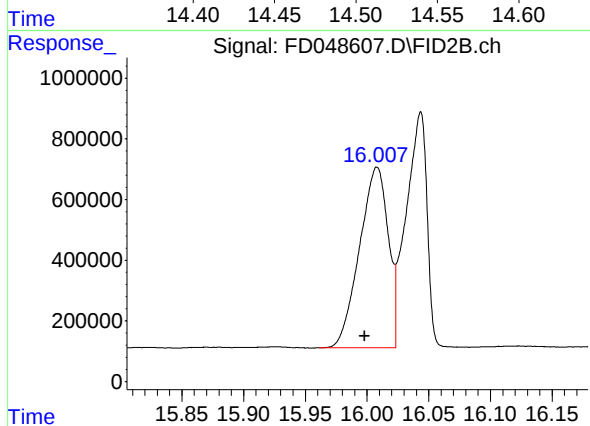
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: 0.007 min
Response: 9699129
Conc: 66.33 ug/ml



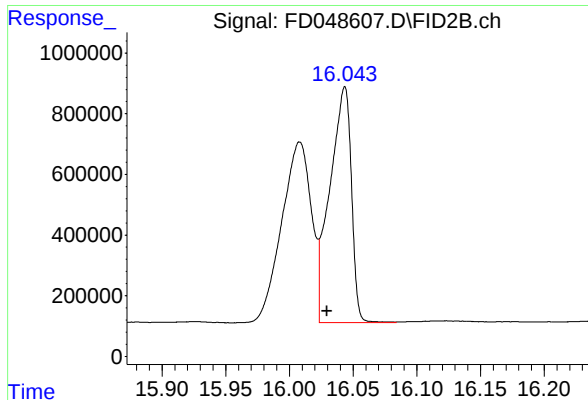
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: 0.009 min
Response: 9884118
Conc: 60.09 ug/ml



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

R.T.: 16.008 min
Delta R.T.: 0.010 min
Response: 9660357
Conc: 63.54 ug/ml



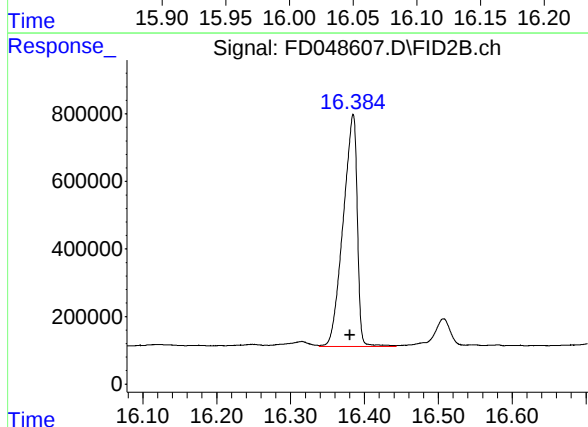
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.043 min
Delta R.T.: 0.013 min
Response: 9174125
Conc: 61.04 ug/ml

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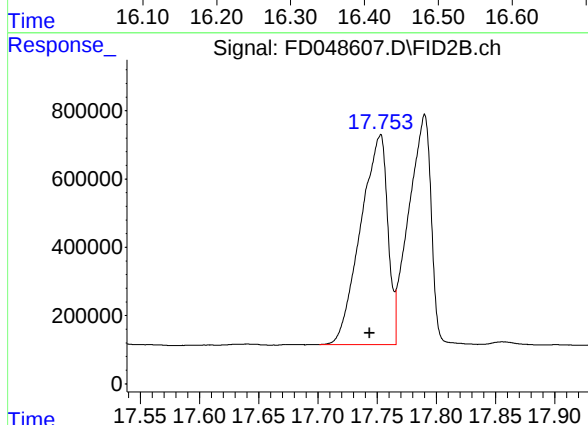
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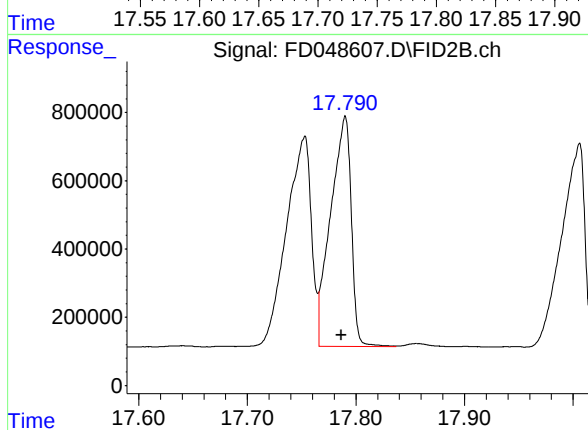
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: 0.003 min
Response: 9154091
Conc: 60.83 ug/ml



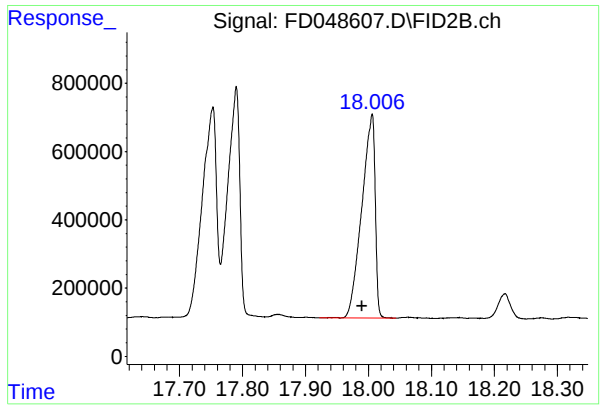
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: 0.008 min
Response: 9799594
Conc: 75.11 ug/ml



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

R.T.: 17.789 min
Delta R.T.: 0.003 min
Response: 8906597
Conc: 54.73 ug/ml



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

R.T.: 18.004 min
Delta R.T.: 0.014 min
Response: 8814435
Conc: 57.58 ug/ml

Instrument :

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