

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110322AR\
 Data File : FD044386.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2022 18:51
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 05:58:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 05:41:11 2022
 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...	7.709	1428094	10.759 ug/ml
Spiked Amount 50.000		Recovery =	21.52%
6) S 2-Fluorobiphenyl (SURR)	8.572	990987	10.823 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.65%
11) S ortho-Terphenyl (SURR)	11.610	1823435	10.769 ug/mlm
Spiked Amount 50.000		Recovery =	21.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	1528914	10.695 ug/ml
2) T Naphthalene (C11.7)	6.049	1643042	10.764 ug/ml
3) T 2-Methylnaphthalene (...)	7.100	1665557	10.770 ug/ml
5) T Acenaphthylene (C15.06)	8.376	1607916	11.004 ug/ml
7) T Acenaphthene (C15.5)	8.671	1633431	10.798 ug/ml
8) T Flouorene (C16.55)	9.450	1631027	10.845 ug/ml
9) T Phenanthrene (C19.36)	10.845	1607880	10.851 ug/ml
10) T Anthracene (C19.43)	10.919	1570502	10.878 ug/ml
12) T Fluoranthene (C21.85)	12.652	1625116	10.869 ug/mlm
13) T Pyrene (C20.8)	12.950	1596815	10.883 ug/ml
14) T Benzo[a]anthracene (C...	14.815	1502982	10.877 ug/ml
15) T Chrysene (C27.41)	14.857	1575013	10.913 ug/ml
16) T benzo[b]fluoranthene ...	16.361	1541989	10.853 ug/ml
17) T Bnezo[k]fluoranthene ...	16.392	1529587	10.923 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.738	1502906	10.848 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.096	1446035	10.674 ug/ml
20) T Dibenz[a,h]anthracene...	18.136	1455592	10.985 ug/ml
21) T Benzo[g,h,i]perylene ...	18.349	1455164	10.779 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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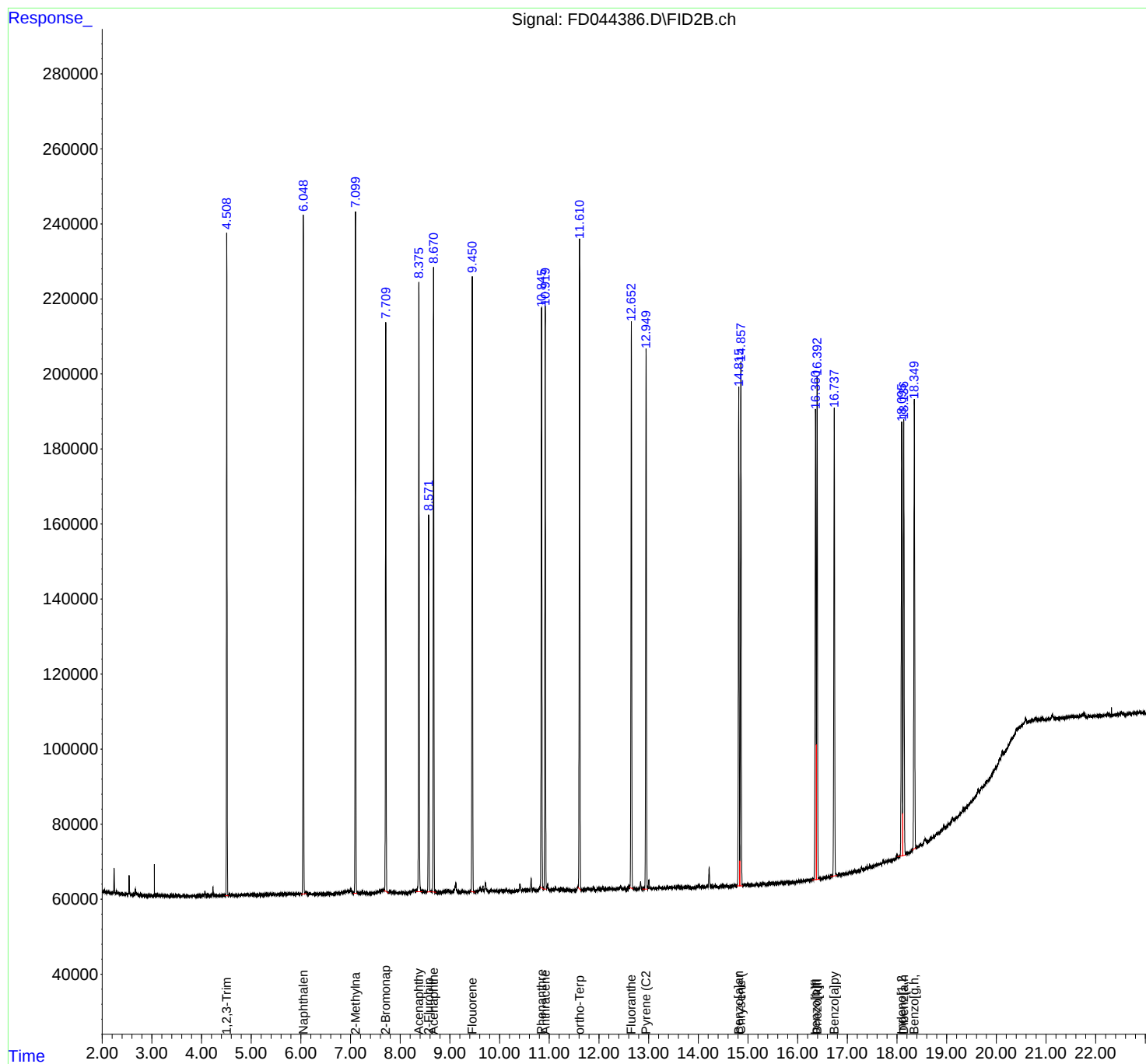
Instrument :
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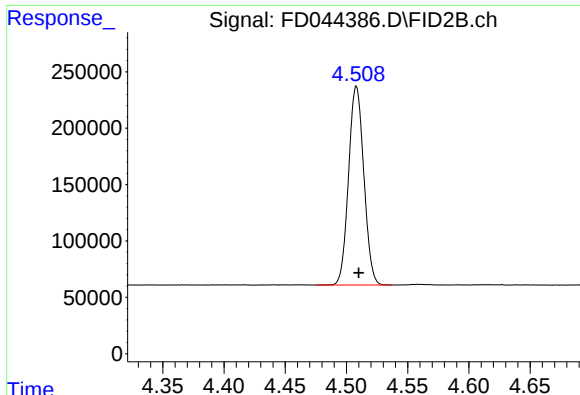
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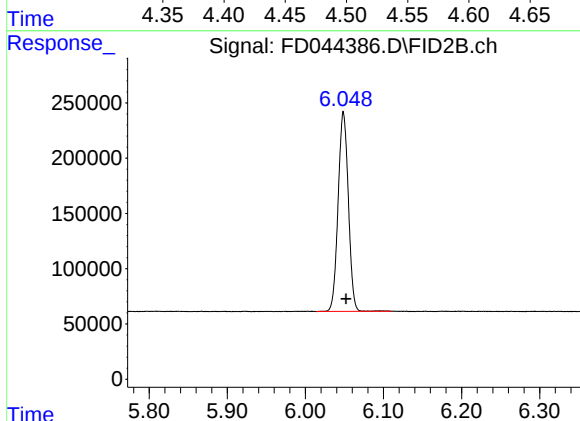
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 1528914
Conc: 10.69 ug/ml

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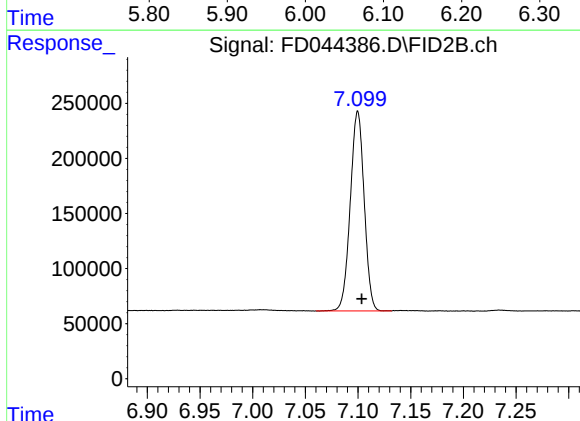
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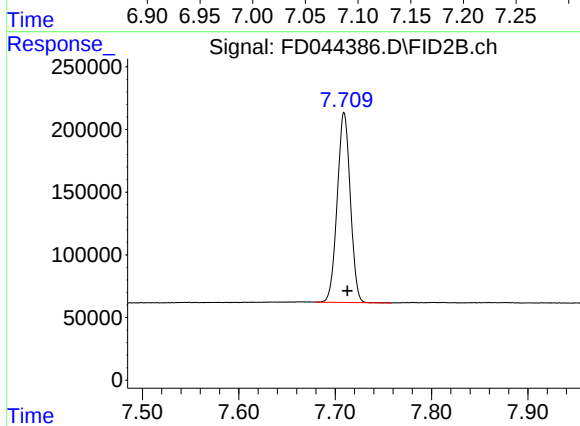
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 1643042
Conc: 10.76 ug/ml



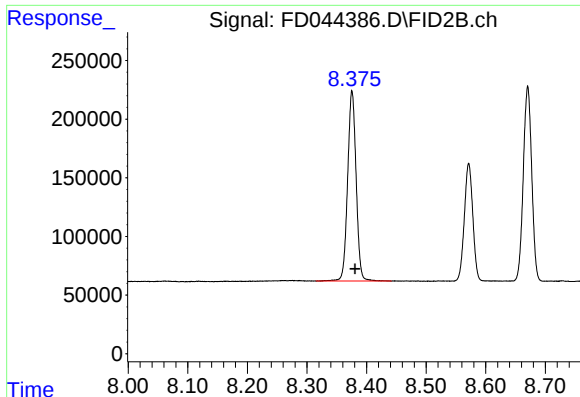
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.004 min
Response: 1665557
Conc: 10.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.709 min
Delta R.T.: -0.003 min
Response: 1428094
Conc: 10.76 ug/ml



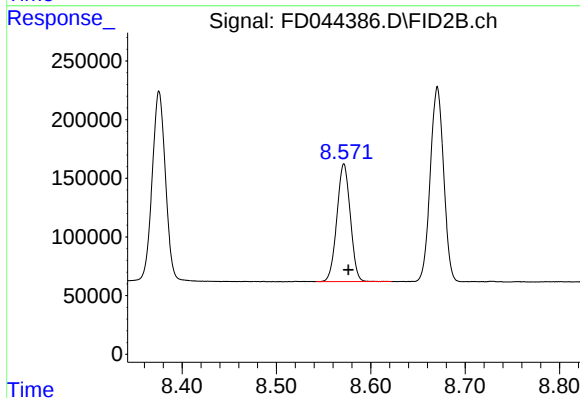
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: -0.005 min
Response: 1607916
Conc: 11.00 ug/ml

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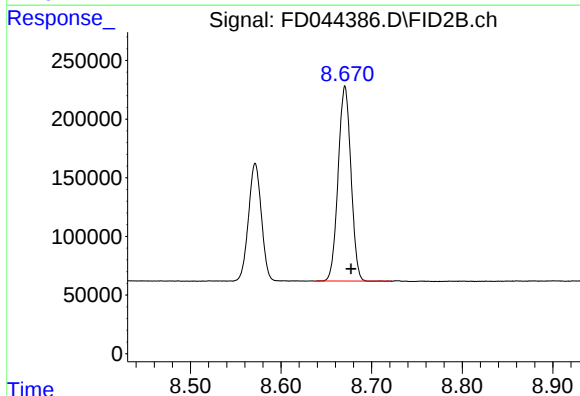
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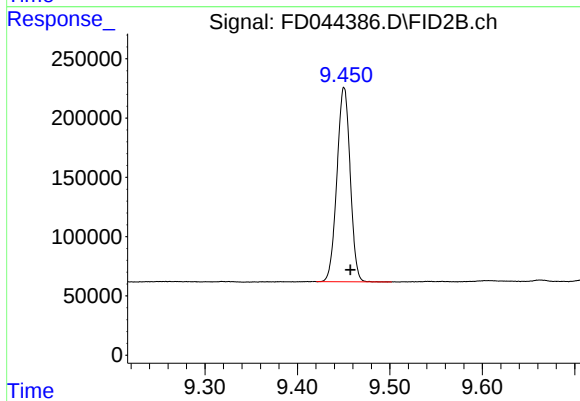
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.572 min
Delta R.T.: -0.005 min
Response: 990987
Conc: 10.82 ug/ml



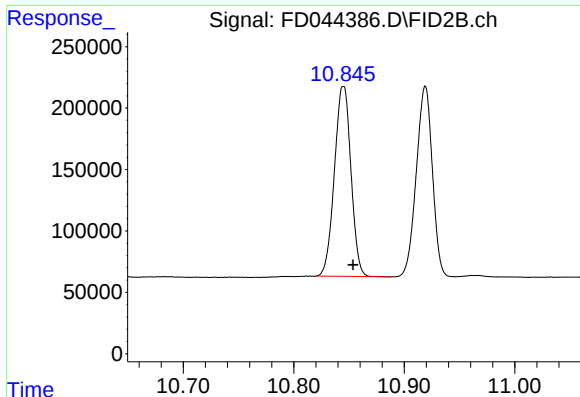
#7 Acenaphthene (C15.5)

R.T.: 8.671 min
Delta R.T.: -0.007 min
Response: 1633431
Conc: 10.80 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.450 min
Delta R.T.: -0.007 min
Response: 1631027
Conc: 10.84 ug/ml



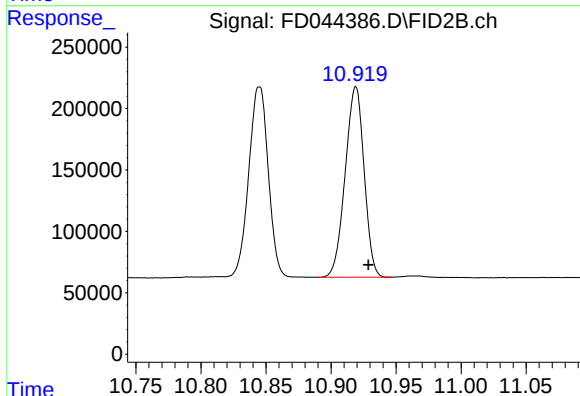
#9 Phenanthrene (C19.36)

R.T.: 10.845 min
Delta R.T.: -0.009 min
Response: 1607880
Conc: 10.85 ug/ml

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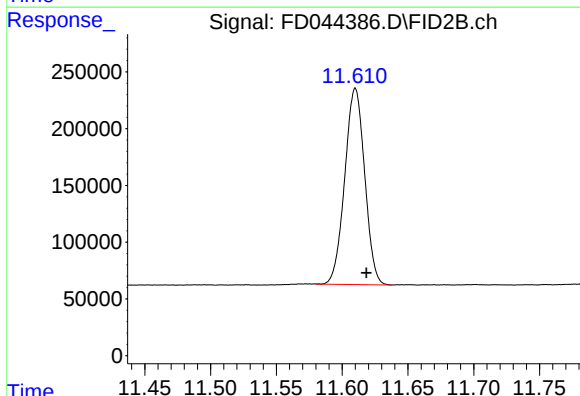
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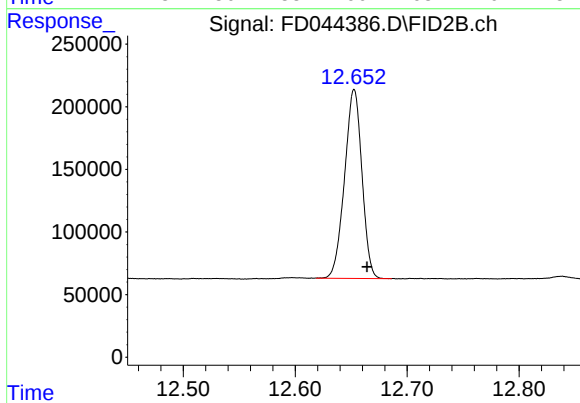
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: -0.010 min
Response: 1570502
Conc: 10.88 ug/ml



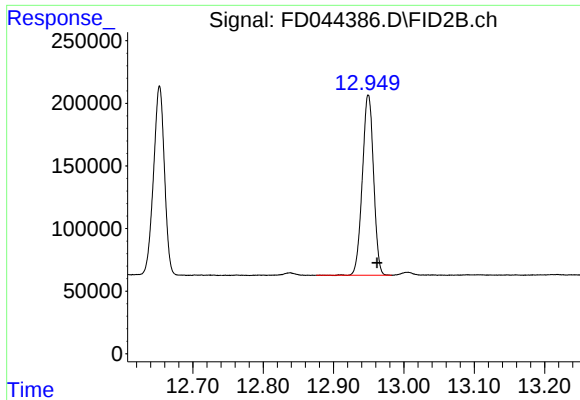
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.009 min
Response: 1823435
Conc: 10.77 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.652 min
Delta R.T.: -0.012 min
Response: 1625116
Conc: 10.87 ug/ml m



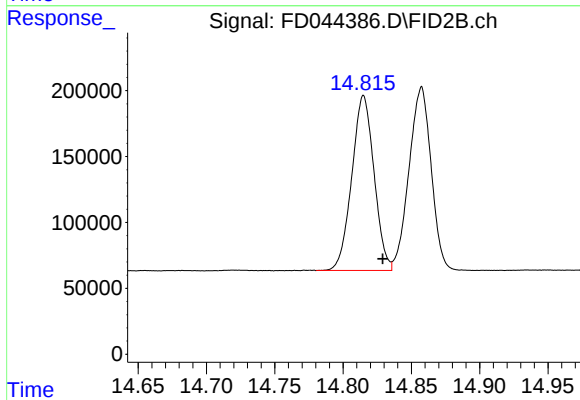
#13 Pyrene (C20.8)

R.T.: 12.950 min
Delta R.T.: -0.012 min
Response: 1596815
Conc: 10.88 ug/ml

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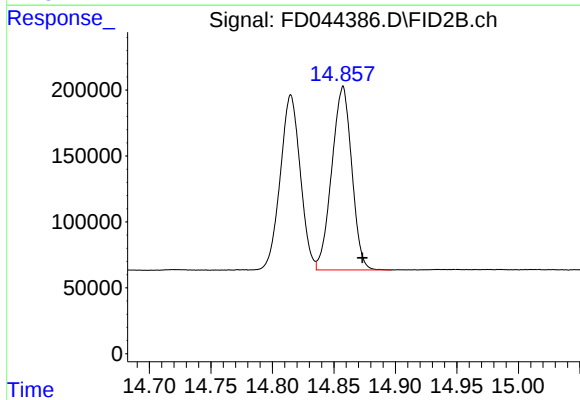
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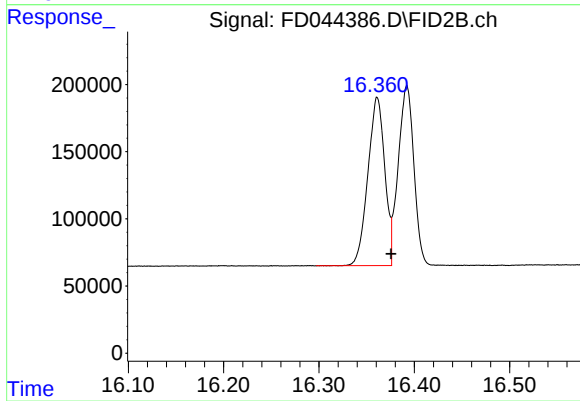
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.815 min
Delta R.T.: -0.014 min
Response: 1502982
Conc: 10.88 ug/ml



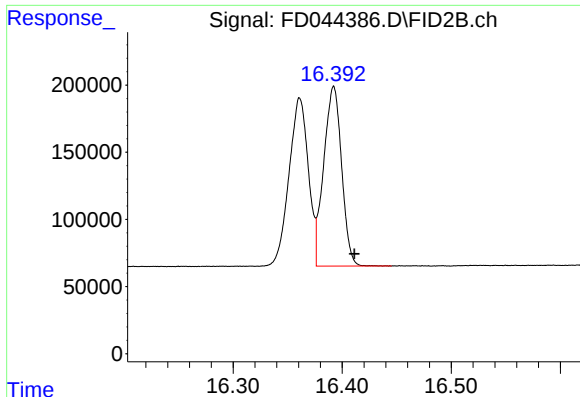
#15 Chrysene (C27.41)

R.T.: 14.857 min
Delta R.T.: -0.016 min
Response: 1575013
Conc: 10.91 ug/ml



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

R.T.: 16.361 min
Delta R.T.: -0.014 min
Response: 1541989
Conc: 10.85 ug/ml



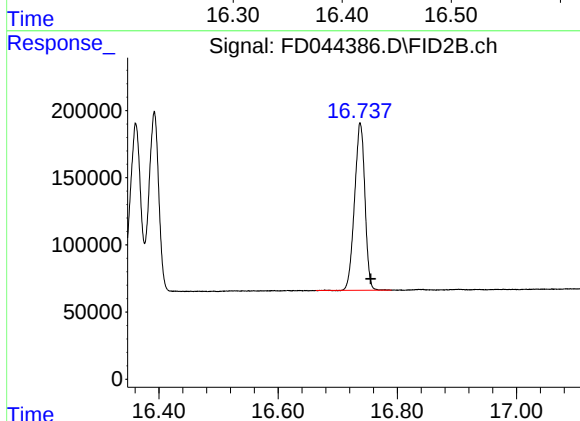
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.392 min
Delta R.T.: -0.019 min
Response: 1529587
Conc: 10.92 ug/ml

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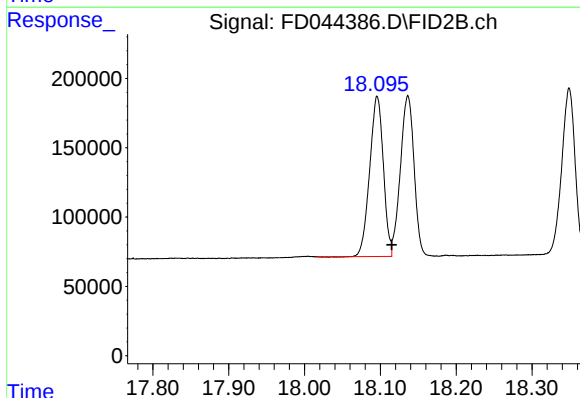
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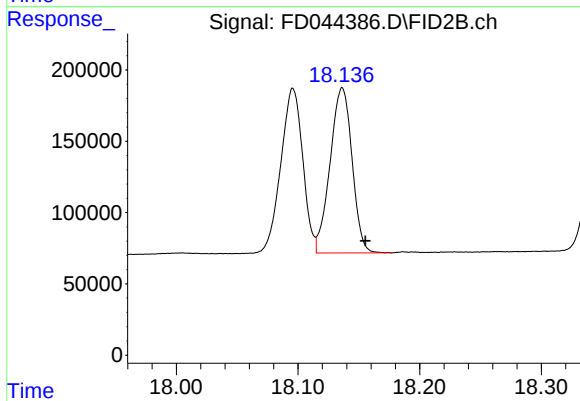
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.738 min
Delta R.T.: -0.018 min
Response: 1502906
Conc: 10.85 ug/ml



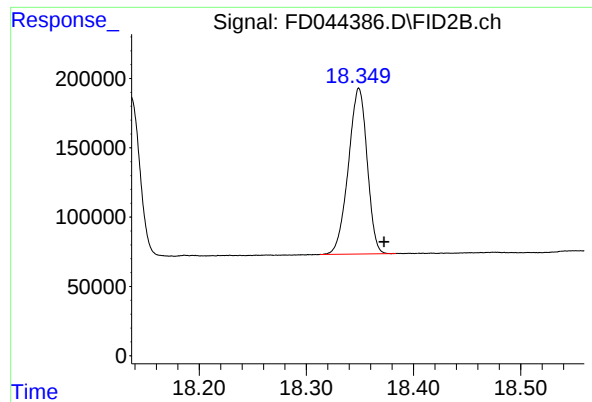
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.096 min
Delta R.T.: -0.019 min
Response: 1446035
Conc: 10.67 ug/ml



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

R.T.: 18.136 min
Delta R.T.: -0.019 min
Response: 1455592
Conc: 10.99 ug/ml



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

R.T.: 18.349 min
Delta R.T.: -0.024 min
Response: 1455164
Conc: 10.78 ug/ml

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