

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014231.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 16:05
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 14 16:24:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 16:24:40 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...	7.903	1051387	9.834 ug/ml
Spiked Amount 50.000		Recovery =	19.67%
6) S 2-Fluorobiphenyl (SURR)	8.775	573841	9.069 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.14%
11) S ortho-Terphenyl (SURR)	11.835	1476889	10.649 ug/ml
Spiked Amount 50.000		Recovery =	21.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.519	1251362	10.482 ug/ml
2) T Naphthalene (C11.7)	6.183	1175664	9.909 ug/ml
3) T 2-Methylnaphthalene (...)	7.276	1099738	9.727 ug/ml
5) T Acenaphthylene (C15.06)	8.573	1138057	10.092 ug/ml
7) T Acenaphthene (C15.5)	8.872	1296448	10.323 ug/ml
8) T Fluorene (C16.55)	9.661	1064402	9.831 ug/ml
9) T Phenanthrene (C19.36)	11.064	1044792	9.947 ug/ml
10) T Anthracene (C19.43)	11.140	945646	10.296 ug/ml
12) T Fluoranthene (C21.85)	12.882	1167068	10.247 ug/ml
13) T Pyrene (C20.8)	13.180	1133812	10.291 ug/ml
14) T Benzo[a]anthracene (C...	15.062	725359	8.996 ug/ml
15) T Chrysene (C27.41)	15.102	1168100	10.950 ug/ml
16) T benzo[b]fluoranthene ...	16.617	1002774	9.701 ug/ml
17) T Bnezo[k]fluoranthene ...	16.648	1266962	11.198 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.999	1104678	10.447 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.371	802938	8.466 ug/mlm
20) T Dibenz[a,h]anthracene...	18.413	1131869	10.825 ug/ml
21) T Benzo[g,h,i]perylene ...	18.621	1275546	10.462 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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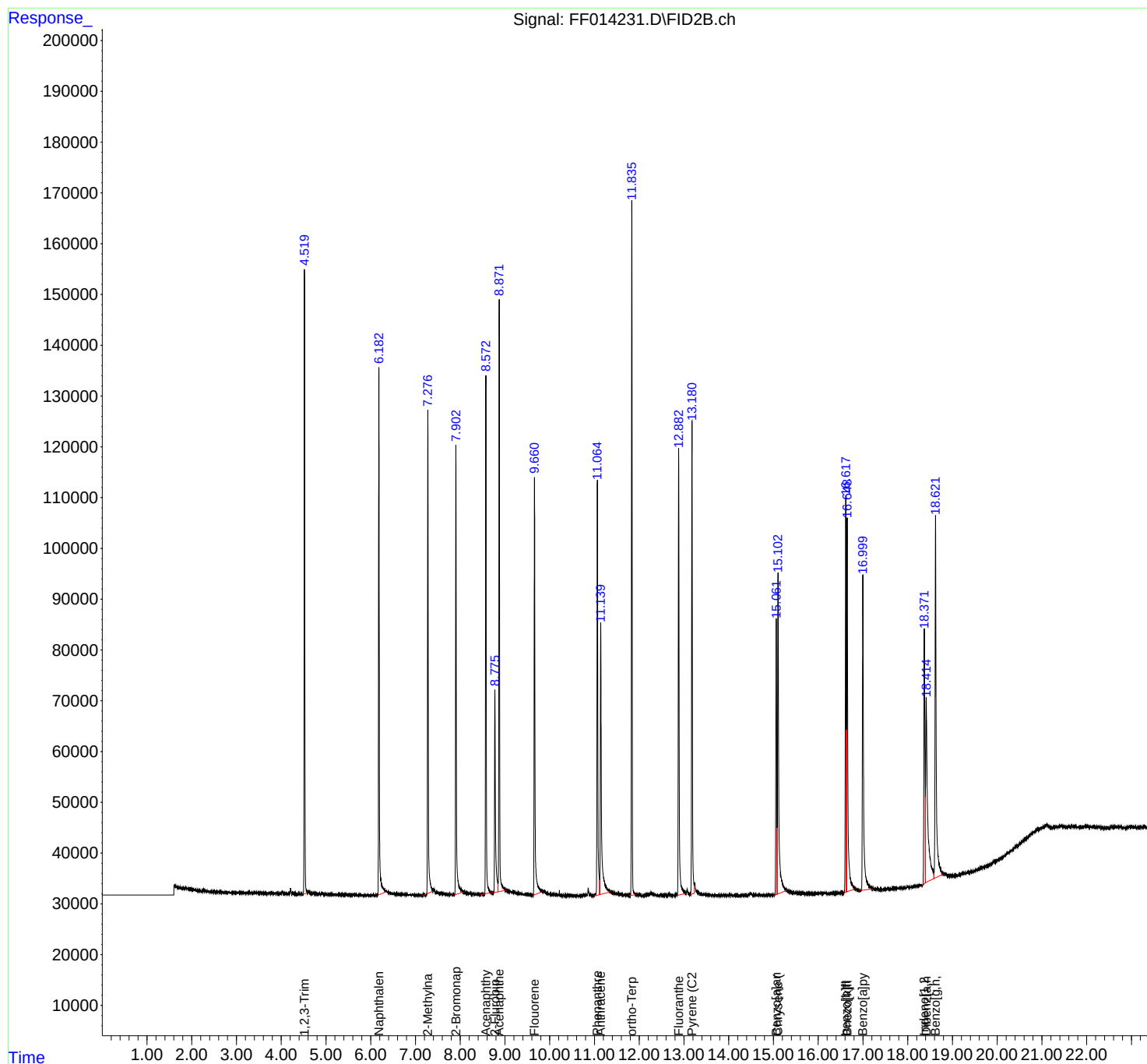
Instrument :
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10 PPM AROMATIC HC STD4

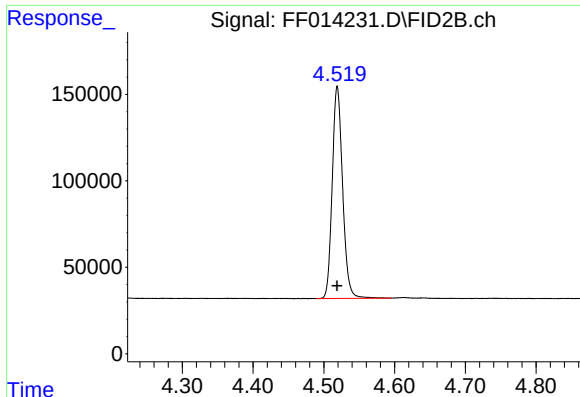
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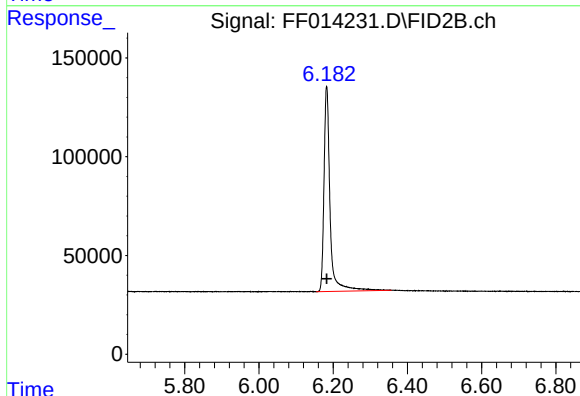
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 1251362
Conc: 10.48 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4

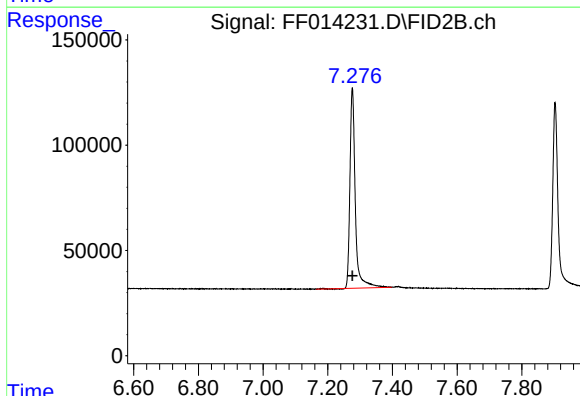
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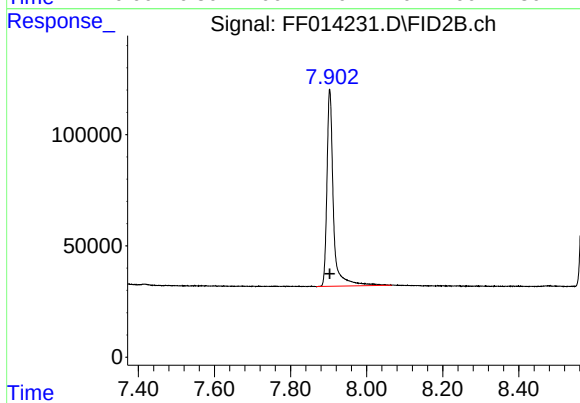
#2 Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 1175664
Conc: 9.91 ug/ml



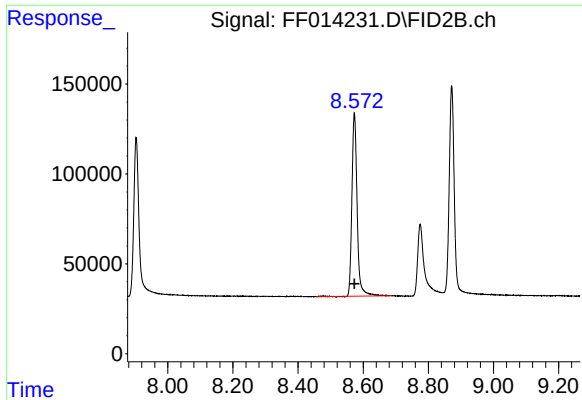
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 1099738
Conc: 9.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 1051387
Conc: 9.83 ug/ml



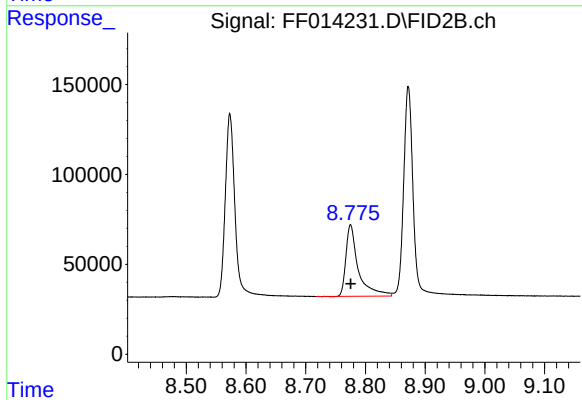
#5 Acenaphthylene (C15.06)

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 1138057
Conc: 10.09 ug/ml

Instrument :
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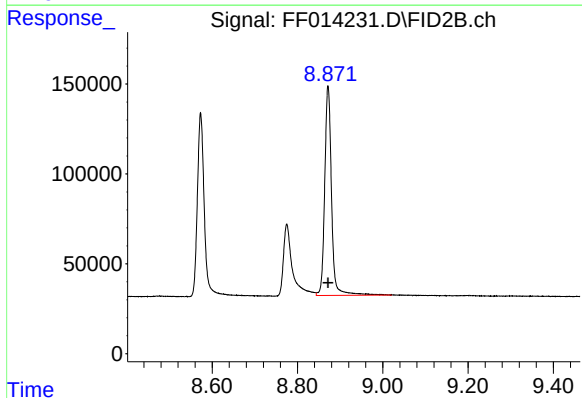
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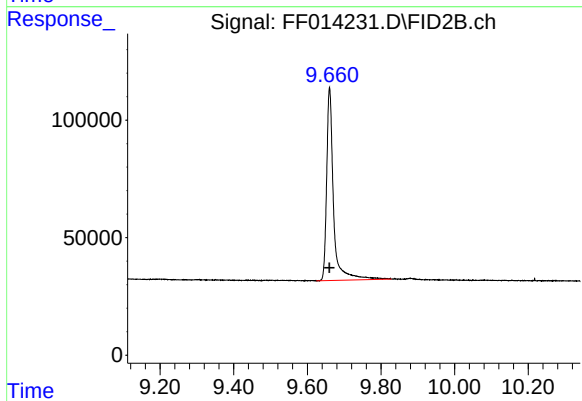
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.775 min
Delta R.T.: 0.000 min
Response: 573841
Conc: 9.07 ug/ml



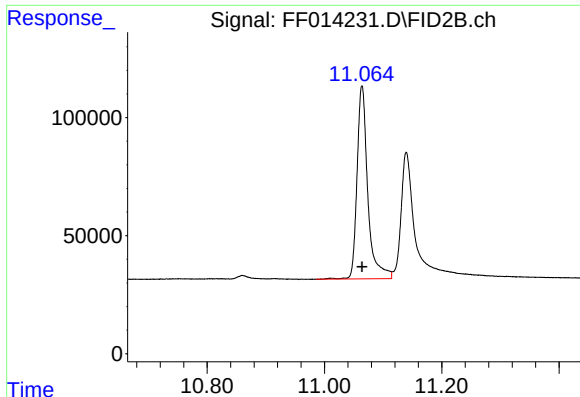
#7 Acenaphthene (C15.5)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 1296448
Conc: 10.32 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.661 min
Delta R.T.: 0.000 min
Response: 1064402
Conc: 9.83 ug/ml



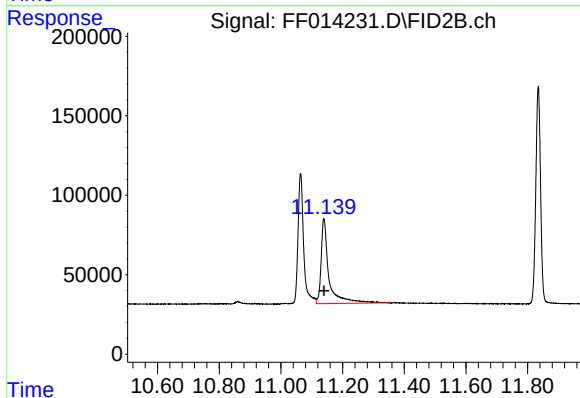
#9 Phenanthrene (C19.36)

R.T.: 11.064 min
Delta R.T.: 0.000 min
Response: 1044792
Conc: 9.95 ug/ml

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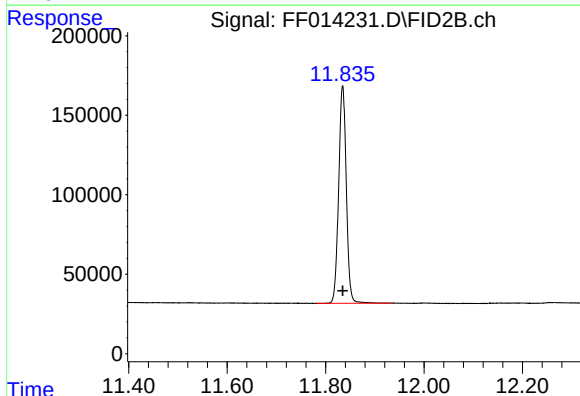
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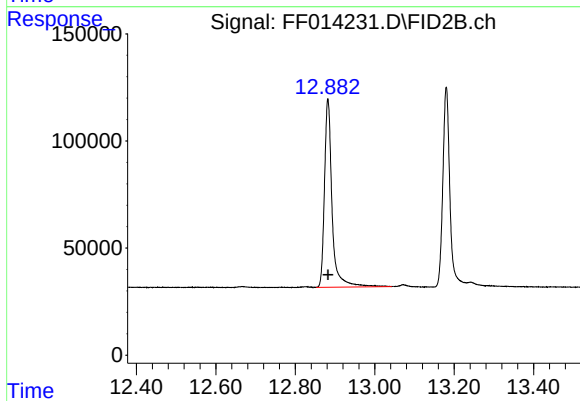
#10 Anthracene (C19.43)

R.T.: 11.140 min
Delta R.T.: 0.000 min
Response: 945646
Conc: 10.30 ug/ml



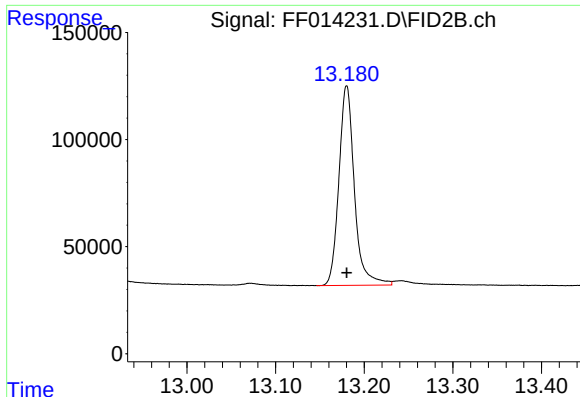
#11 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: 0.000 min
Response: 1476889
Conc: 10.65 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.882 min
Delta R.T.: 0.000 min
Response: 1167068
Conc: 10.25 ug/ml



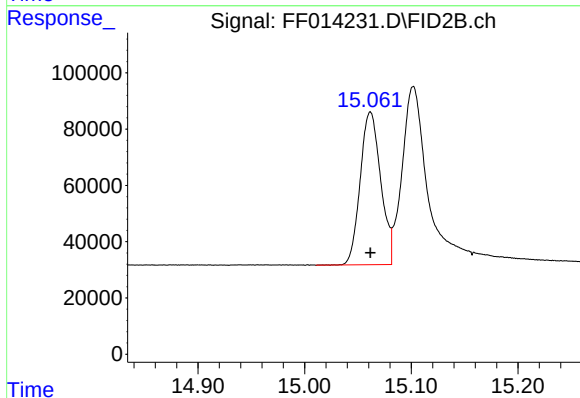
#13 Pyrene (C20.8)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 1133812
Conc: 10.29 ug/ml

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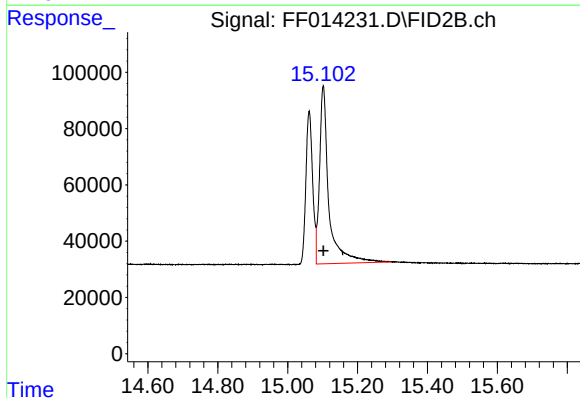
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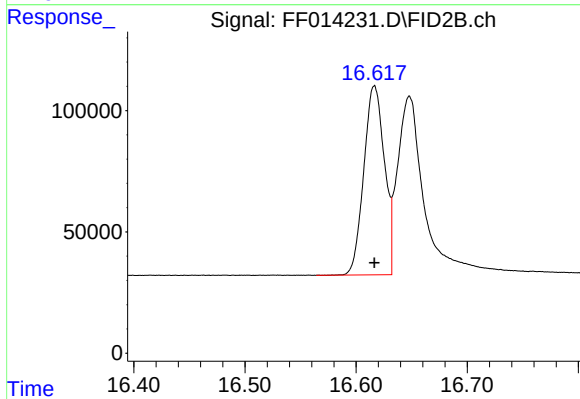
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.062 min
Delta R.T.: 0.000 min
Response: 725359
Conc: 9.00 ug/ml



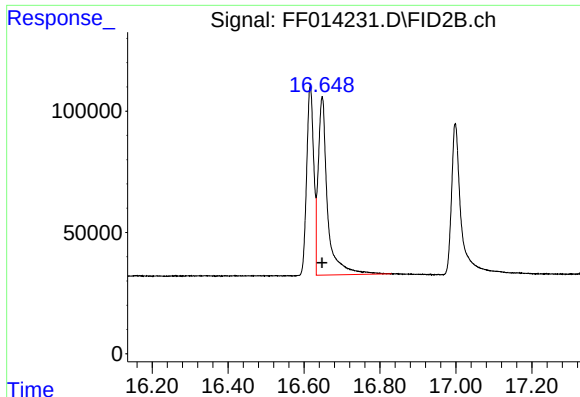
#15 Chrysene (C27.41)

R.T.: 15.102 min
Delta R.T.: 0.000 min
Response: 1168100
Conc: 10.95 ug/ml



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

R.T.: 16.617 min
Delta R.T.: 0.000 min
Response: 1002774
Conc: 9.70 ug/ml



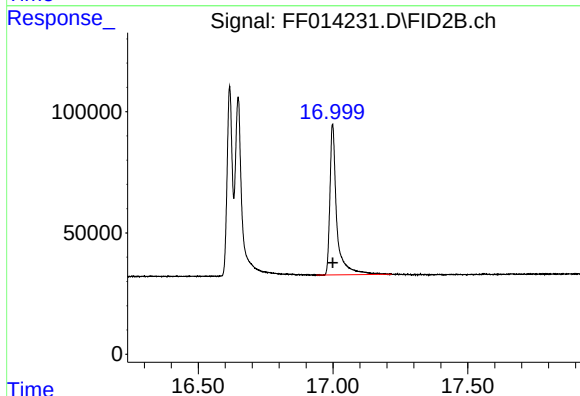
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.648 min
Delta R.T.: 0.000 min
Response: 1266962
Conc: 11.20 ug/ml

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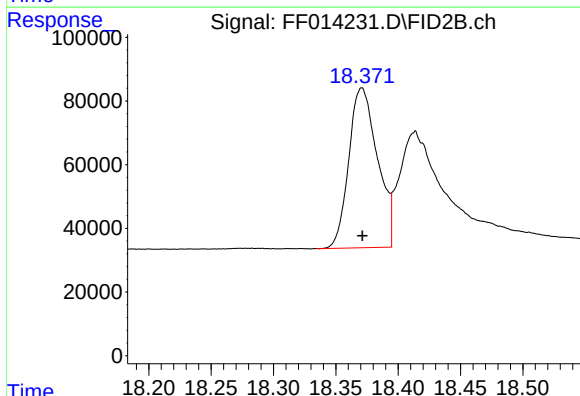
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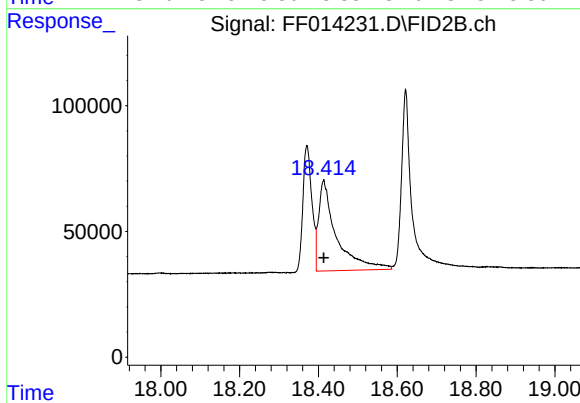
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.999 min
Delta R.T.: 0.000 min
Response: 1104678
Conc: 10.45 ug/ml



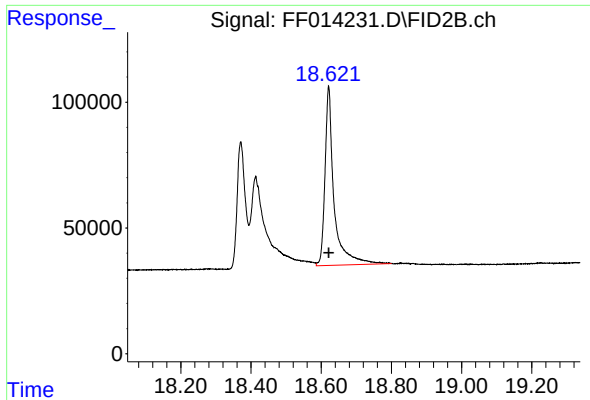
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.371 min
Delta R.T.: 0.000 min
Response: 802938
Conc: 8.47 ug/ml m



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

R.T.: 18.413 min
Delta R.T.: 0.000 min
Response: 1131869
Conc: 10.83 ug/ml



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

R.T.: 18.621 min
Delta R.T.: 0.000 min
Response: 1275546
Conc: 10.46 ug/ml

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