

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082124AR\
 Data File : FF014448.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2024 08:46
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :Ankita Jodhani 08/22/2024

Integration File: autoint1.e
 Quant Time: Aug 22 03:07:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 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...	7.874	2466841	22.031 ug/ml
Spiked Amount 50.000		Recovery =	44.06%
6) S 2-Fluorobiphenyl (SURR)	8.745	1489190	22.244 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.49%
11) S ortho-Terphenyl (SURR)	11.804	3094790	21.481 ug/ml
Spiked Amount 50.000		Recovery =	42.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	2911144	21.849 ug/ml
2) T Naphthalene (C11.7)	6.151	2943162	22.106 ug/ml
3) T 2-Methylnaphthalene (...)	7.246	2959739	22.172 ug/ml
5) T Acenaphthylene (C15.06)	8.543	2898765	21.639 ug/ml
7) T Acenaphthene (C15.5)	8.842	3071407	21.523 ug/ml
8) T Fluorene (C16.55)	9.631	2834857	21.865 ug/ml
9) T Phenanthrene (C19.36)	11.033	2790246	21.900 ug/ml
10) T Anthracene (C19.43)	11.108	2960626	22.189 ug/ml
12) T Fluoranthene (C21.85)	12.851	2992346	21.778 ug/ml
13) T Pyrene (C20.8)	13.148	2944224	21.256 ug/ml
14) T Benzo[a]anthracene (C...	15.028	2548052	22.660 ug/ml
15) T Chrysene (C27.41)	15.069	3272178	20.946 ug/ml
16) T benzo[b]fluoranthene ...	16.584	2703372	22.977 ug/ml
17) T Bnezo[k]fluoranthene ...	16.615	2991263	20.620 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.963	2722609	21.551 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.333	1817248	21.738 ug/mlm
20) T Dibenz[a,h]anthracene...	18.376	3051781	22.088 ug/ml
21) T Benzo[g,h,i]perylene ...	18.585	2691455	21.936 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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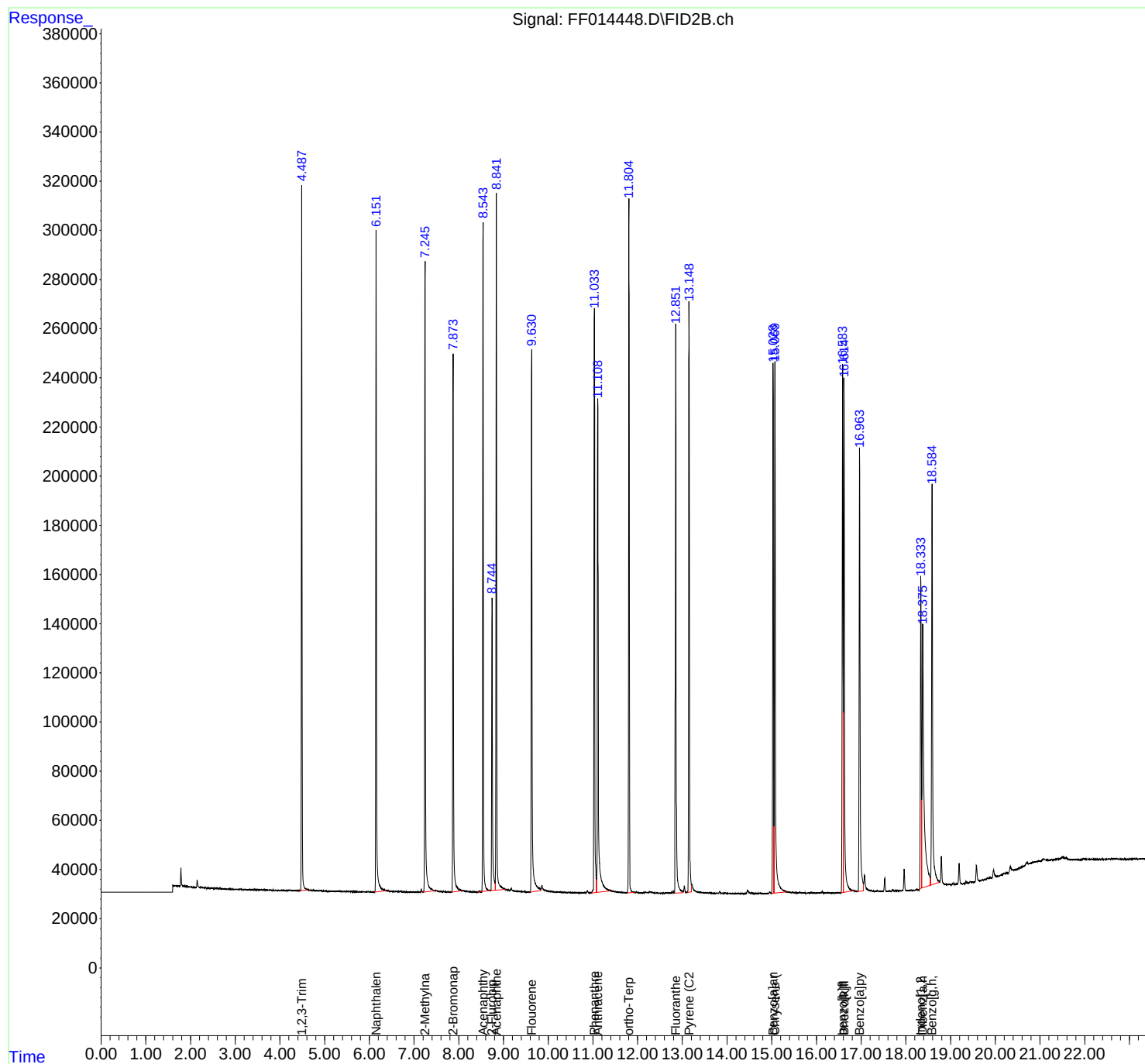
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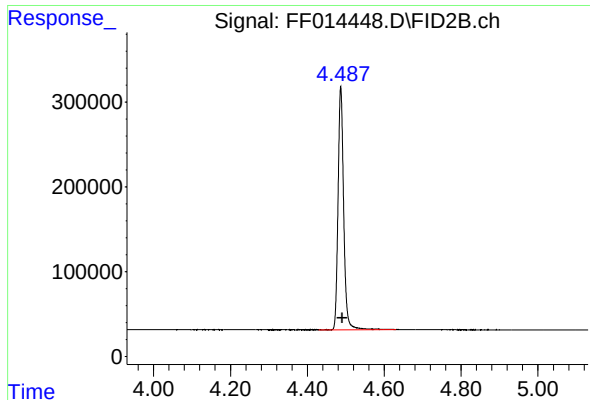
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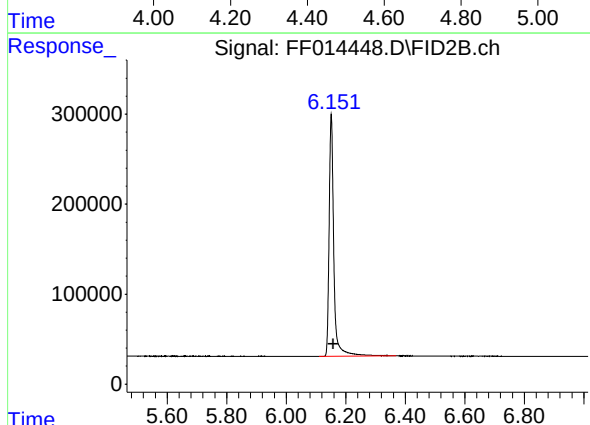
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 2911144
Conc: 21.85 ug/ml

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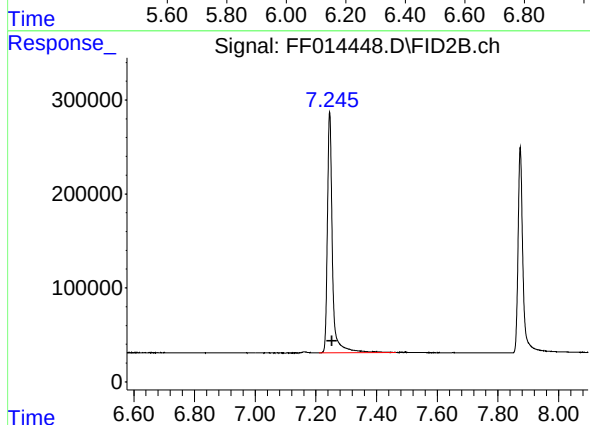
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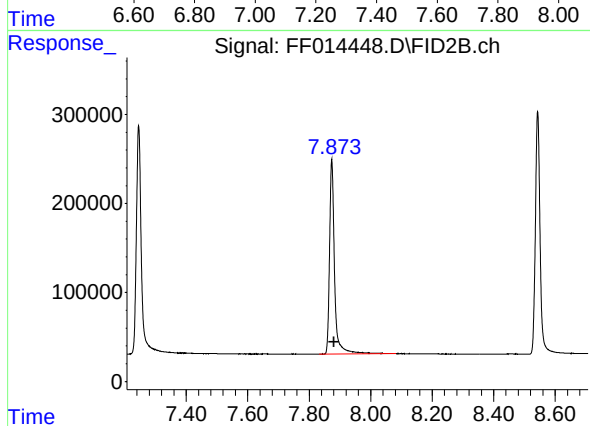
#2 Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.006 min
Response: 2943162
Conc: 22.11 ug/ml



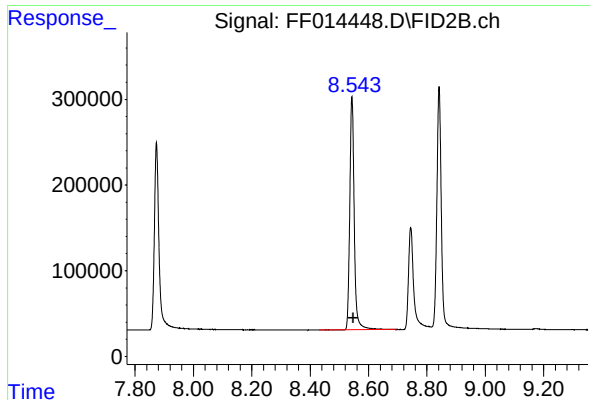
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.246 min
Delta R.T.: -0.007 min
Response: 2959739
Conc: 22.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.874 min
Delta R.T.: -0.008 min
Response: 2466841
Conc: 22.03 ug/ml



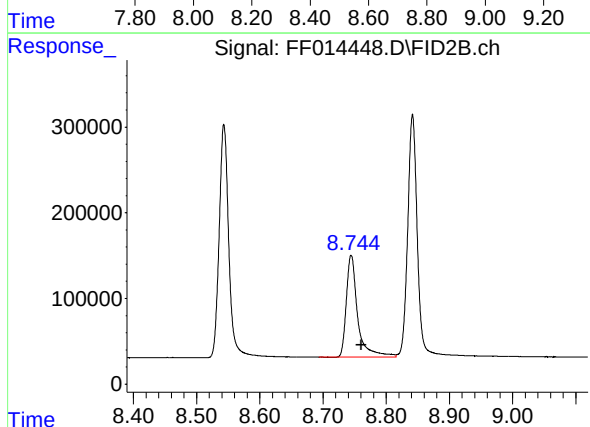
#5 Acenaphthylene (C15.06)

R.T.: 8.543 min
Delta R.T.: -0.005 min
Response: 2898765
Conc: 21.64 ug/ml

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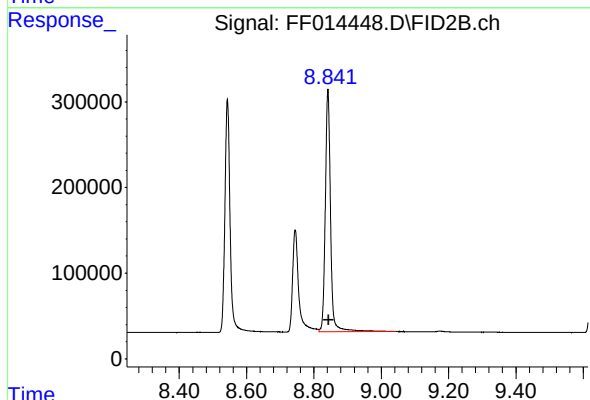
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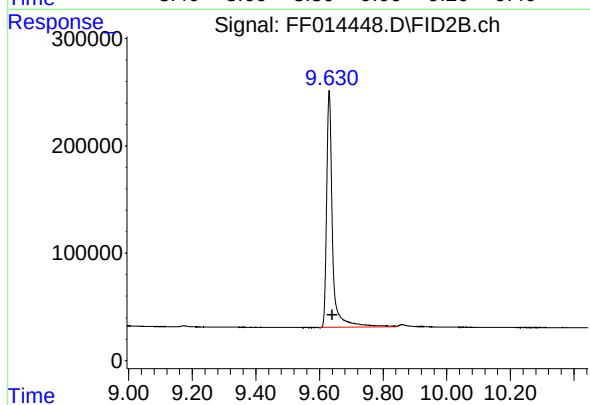
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.745 min
Delta R.T.: -0.016 min
Response: 1489190
Conc: 22.24 ug/ml



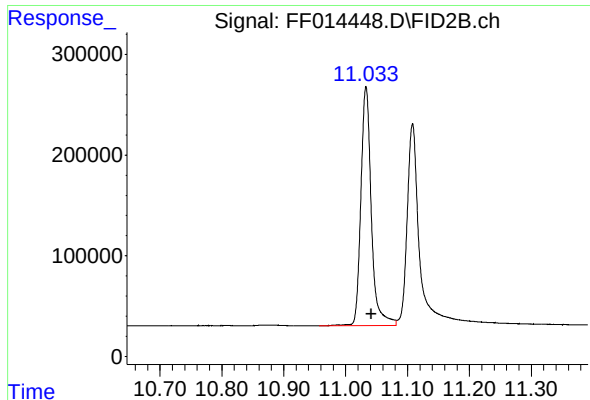
#7 Acenaphthene (C15.5)

R.T.: 8.842 min
Delta R.T.: -0.002 min
Response: 3071407
Conc: 21.52 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.631 min
Delta R.T.: -0.009 min
Response: 2834857
Conc: 21.86 ug/ml



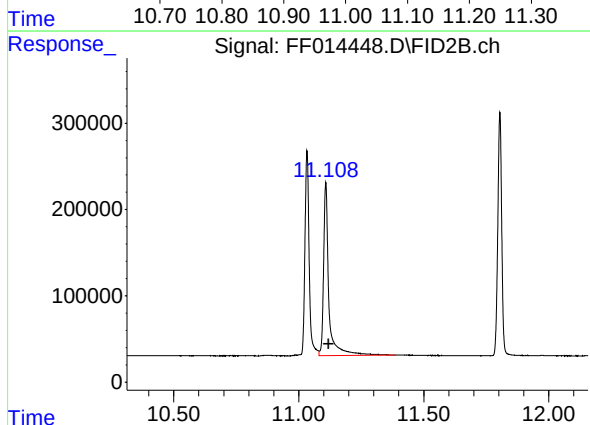
#9 Phenanthrene (C19.36)

R.T.: 11.033 min
Delta R.T.: -0.008 min
Response: 2790246
Conc: 21.90 ug/ml

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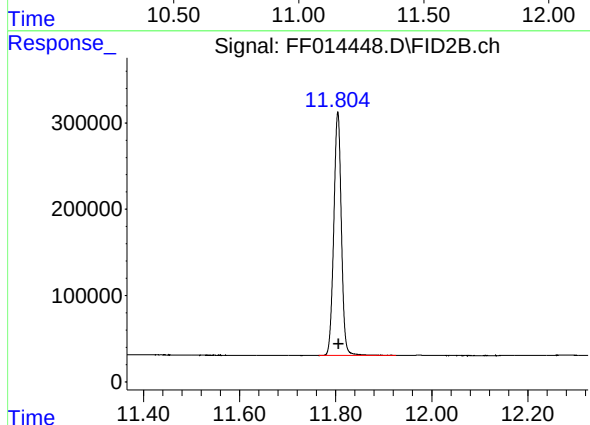
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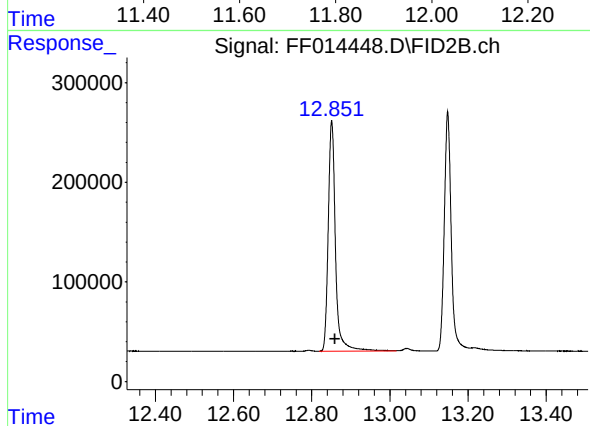
#10 Anthracene (C19.43)

R.T.: 11.108 min
Delta R.T.: -0.012 min
Response: 2960626
Conc: 22.19 ug/ml



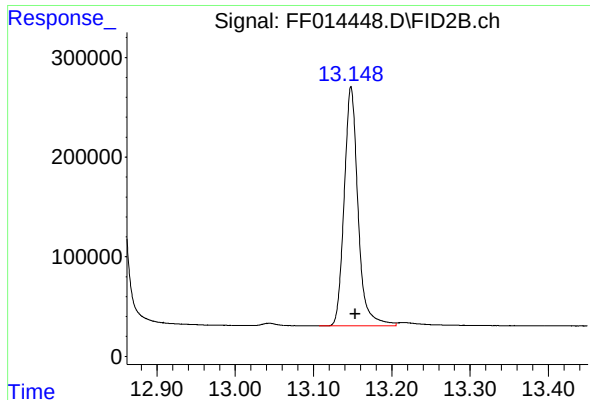
#11 ortho-Terphenyl (SURR)

R.T.: 11.804 min
Delta R.T.: -0.001 min
Response: 3094790
Conc: 21.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.851 min
Delta R.T.: -0.009 min
Response: 2992346
Conc: 21.78 ug/ml



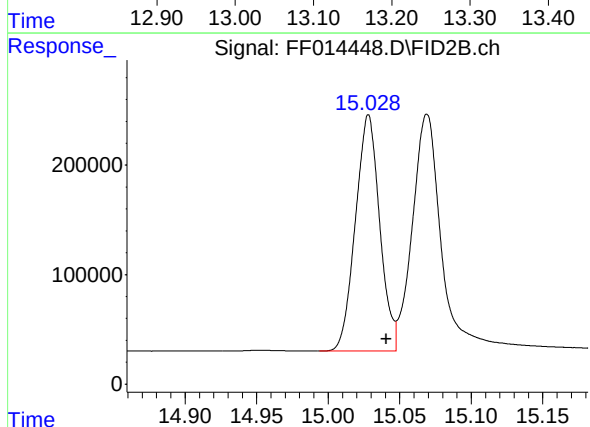
#13 Pyrene (C20.8)

R.T.: 13.148 min
Delta R.T.: -0.005 min
Response: 2944224
Conc: 21.26 ug/ml

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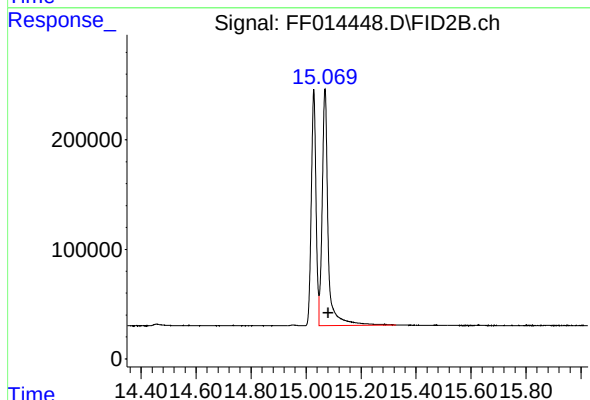
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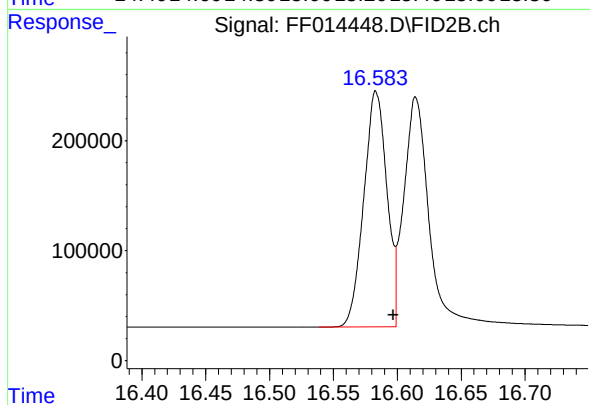
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.028 min
Delta R.T.: -0.012 min
Response: 2548052
Conc: 22.66 ug/ml



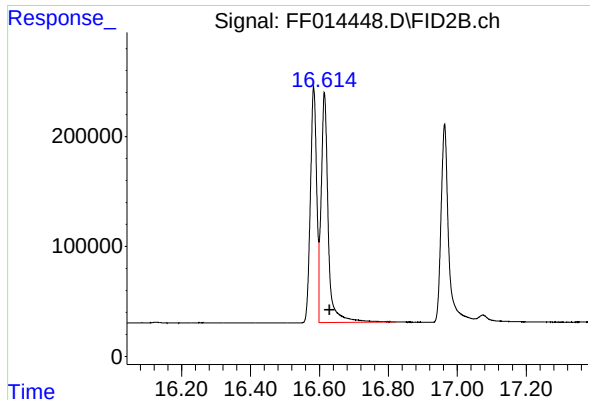
#15 Chrysene (C27.41)

R.T.: 15.069 min
Delta R.T.: -0.012 min
Response: 3272178
Conc: 20.95 ug/ml



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

R.T.: 16.584 min
Delta R.T.: -0.013 min
Response: 2703372
Conc: 22.98 ug/ml



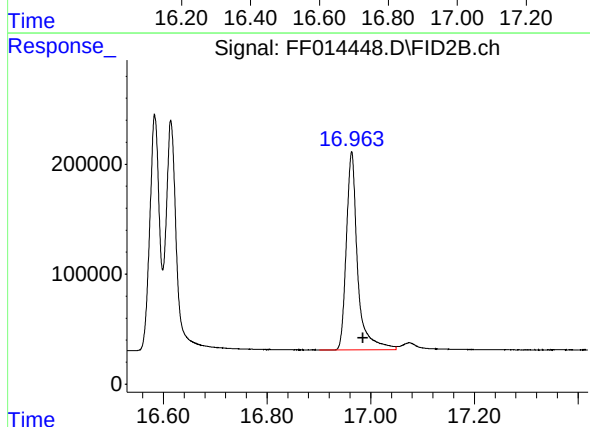
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.615 min
Delta R.T.: -0.015 min
Response: 2991263
Conc: 20.62 ug/ml

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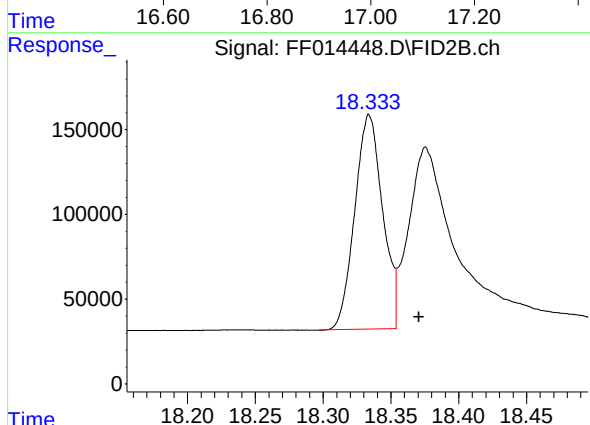
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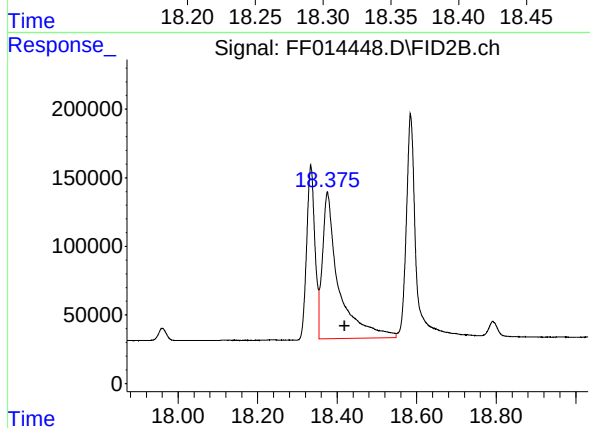
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.963 min
Delta R.T.: -0.022 min
Response: 2722609
Conc: 21.55 ug/ml



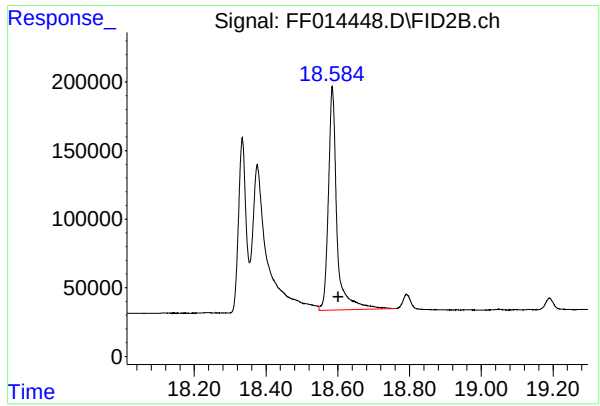
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.333 min
Delta R.T.: -0.037 min
Response: 1817248
Conc: 21.74 ug/ml m



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

R.T.: 18.376 min
Delta R.T.: -0.043 min
Response: 3051781
Conc: 22.09 ug/ml



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

R.T.: 18.585 min
Delta R.T.: -0.017 min
Response: 2691455
Conc: 21.94 ug/ml

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