

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110424AR\
 Data File : FF014905.D
 Signal(s) : FID2B.ch
 Acq On : 04 Nov 2024 10:42
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
 Quant Time: Nov 05 01:25:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:14:53 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...	7.990	2641181	18.941 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
6) S 2-Fluorobiphenyl (SURR)	8.864	1777598	18.848 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.70%
11) S ortho-Terphenyl (SURR)	11.926	3002210	18.766 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2990448	19.659 ug/ml
2) T Naphthalene (C11.7)	6.272	3105771	19.404 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	3105411	19.195 ug/ml
5) T Acenaphthylene (C15.06)	8.665	3003074	18.957 ug/ml
7) T Acenaphthene (C15.5)	8.964	3024946	19.065 ug/ml
8) T Fluorene (C16.55)	9.752	2932253	18.585 ug/ml
9) T Phenanthrene (C19.36)	11.158	2914025	18.511 ug/ml
10) T Anthracene (C19.43)	11.232	2422007	16.101 ug/ml
12) T Fluoranthene (C21.85)	12.977	2838329	18.011 ug/ml
13) T Pyrene (C20.8)	13.275	2803864	17.983 ug/ml
14) T Benzo[a]anthracene (C...	15.153	2560415	16.849 ug/ml
15) T Chrysene (C27.41)	15.196	2635827	17.056 ug/ml
16) T benzo[b]fluoranthene ...	16.710	2662053	17.412 ug/ml
17) T Bnezo[k]fluoranthene ...	16.743	2549416	17.647 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.090	2561148	17.158 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.460	2418461	17.634 ug/ml
20) T Dibenz[a,h]anthracene...	18.499	2475282	17.039 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.717	2674964	18.724 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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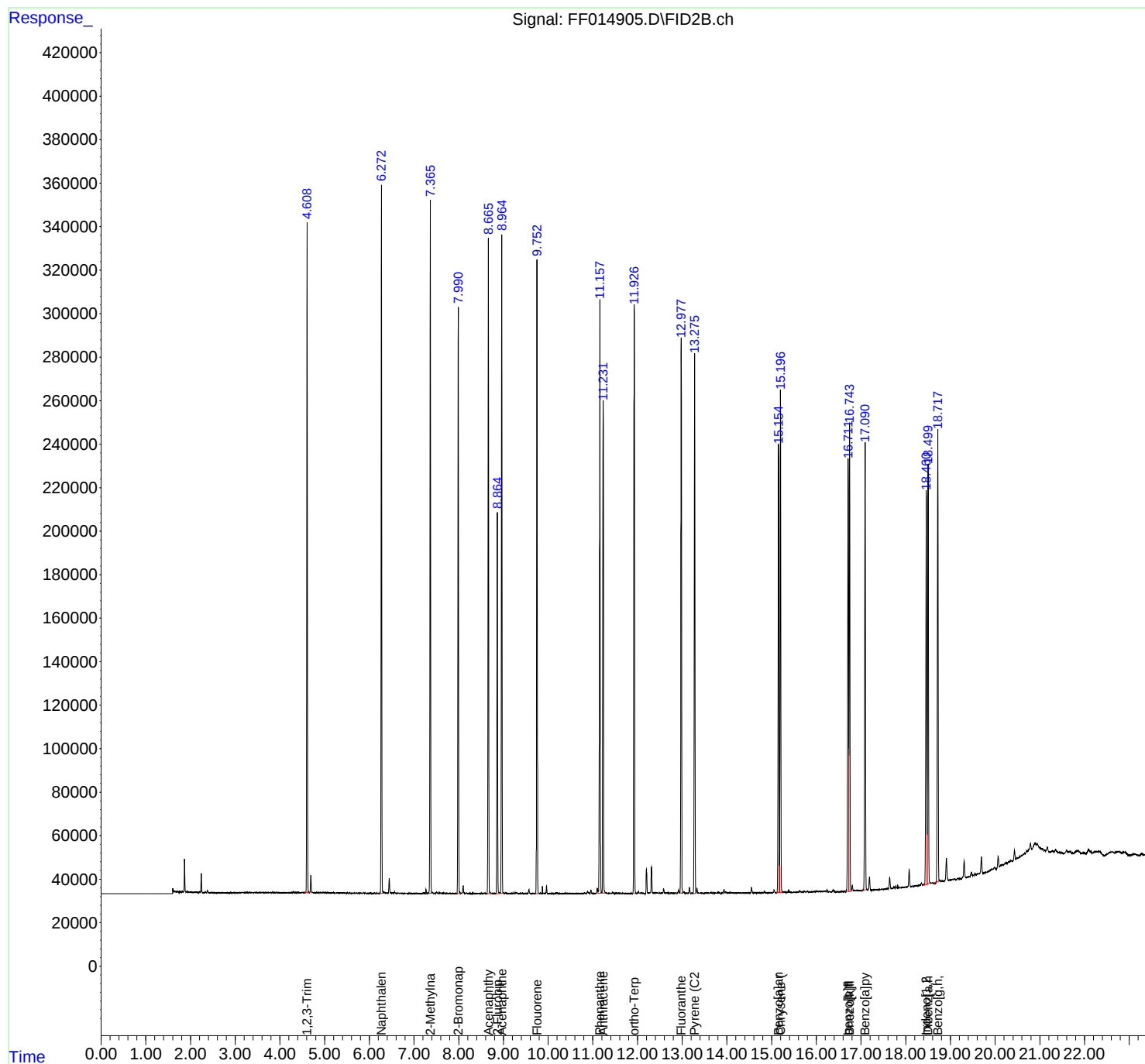
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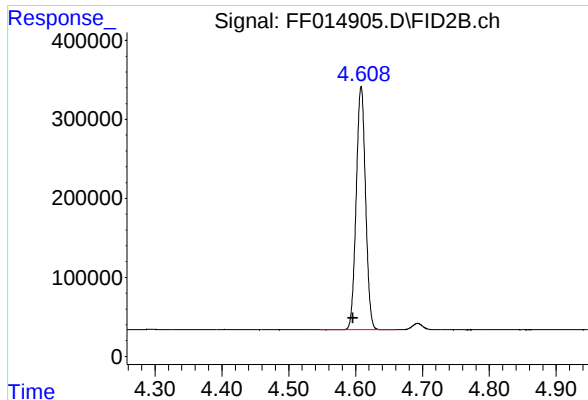
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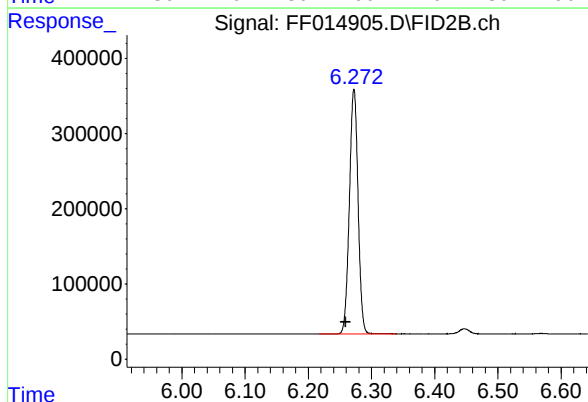
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.608 min
Delta R.T.: 0.012 min
Response: 2990448
Conc: 19.66 ug/ml

Instrument :
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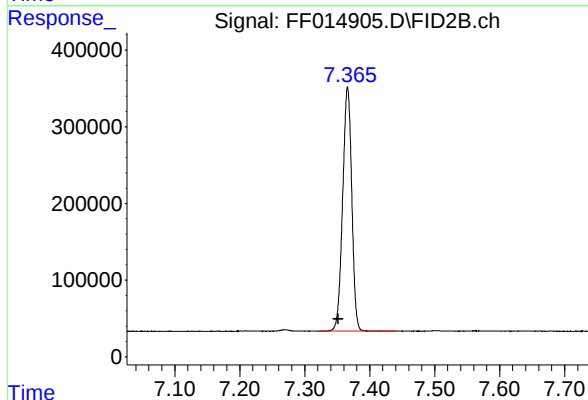
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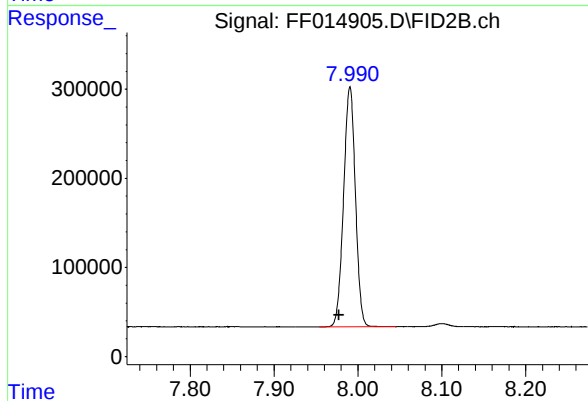
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.013 min
Response: 3105771
Conc: 19.40 ug/ml



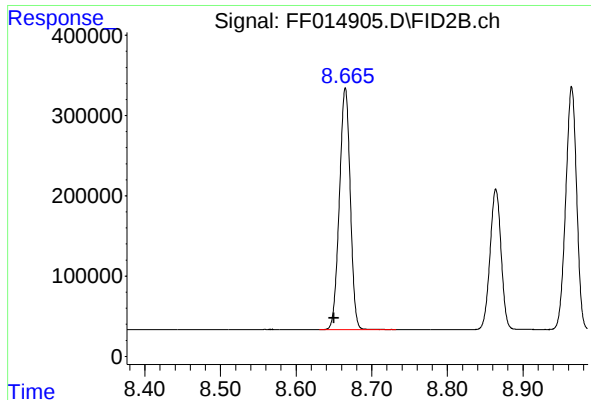
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: 0.014 min
Response: 3105411
Conc: 19.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.990 min
Delta R.T.: 0.013 min
Response: 2641181
Conc: 18.94 ug/ml



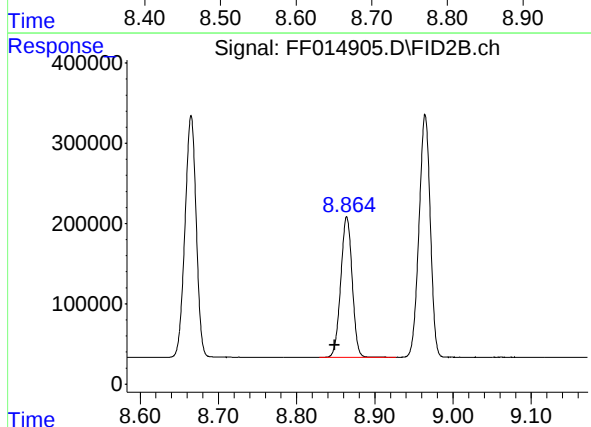
#5 Acenaphthylene (C15.06)

R.T.: 8.665 min
Delta R.T.: 0.015 min
Response: 3003074
Conc: 18.96 ug/ml

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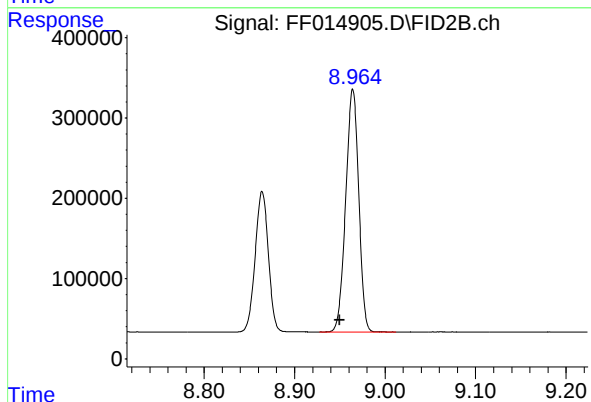
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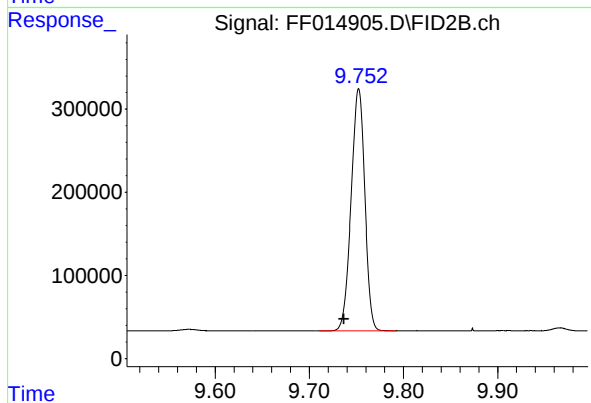
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.864 min
Delta R.T.: 0.015 min
Response: 1777598
Conc: 18.85 ug/ml



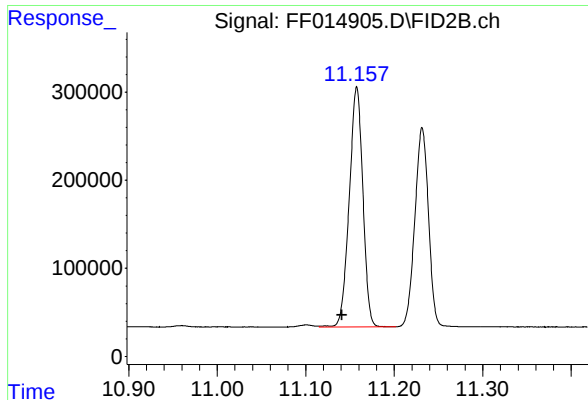
#7 Acenaphthene (C15.5)

R.T.: 8.964 min
Delta R.T.: 0.015 min
Response: 3024946
Conc: 19.06 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.752 min
Delta R.T.: 0.015 min
Response: 2932253
Conc: 18.58 ug/ml



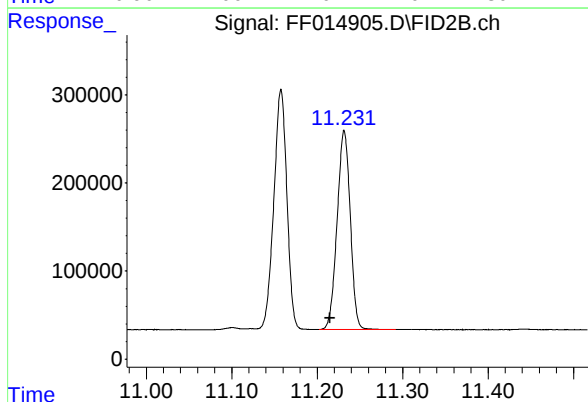
#9 Phenanthrene (C19.36)

R.T.: 11.158 min
Delta R.T.: 0.017 min
Response: 2914025
Conc: 18.51 ug/ml

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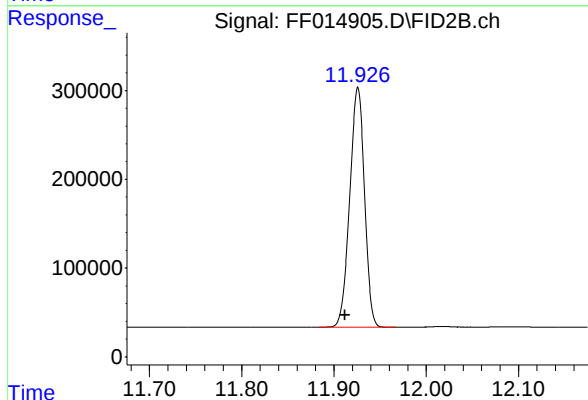
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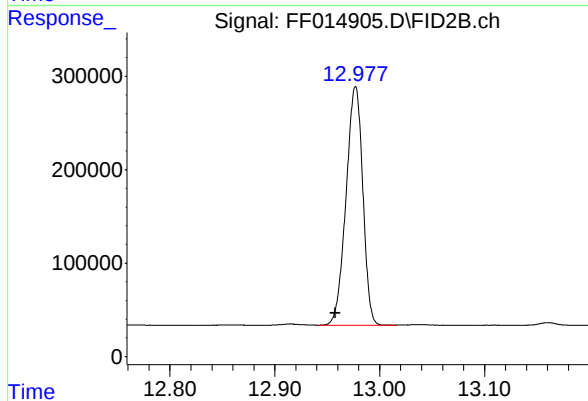
#10 Anthracene (C19.43)

R.T.: 11.232 min
Delta R.T.: 0.017 min
Response: 2422007
Conc: 16.10 ug/ml



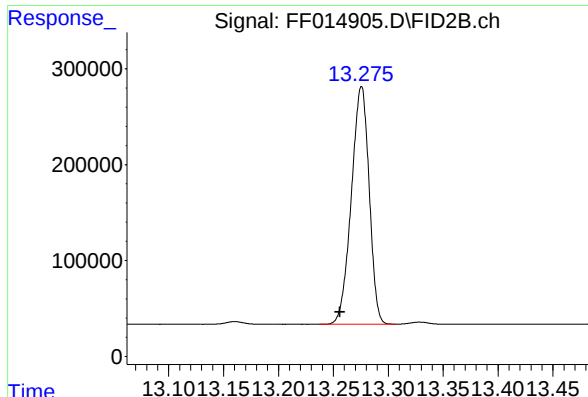
#11 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: 0.014 min
Response: 3002210
Conc: 18.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.977 min
Delta R.T.: 0.019 min
Response: 2838329
Conc: 18.01 ug/ml



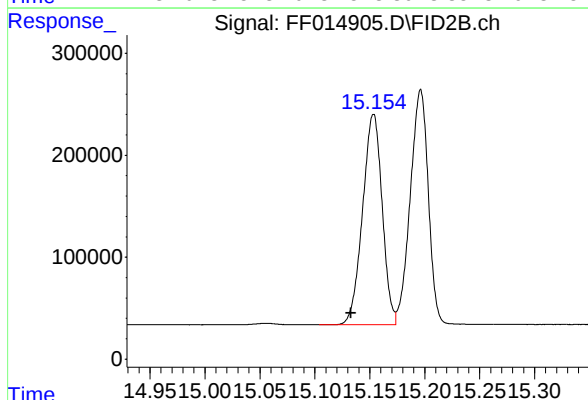
#13 Pyrene (C20.8)

R.T.: 13.275 min
Delta R.T.: 0.019 min
Response: 2803864
Conc: 17.98 ug/ml

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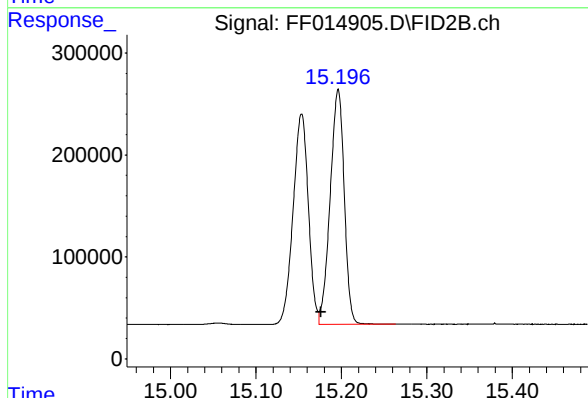
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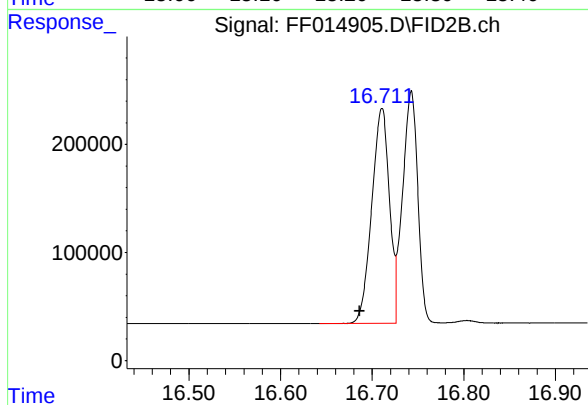
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.153 min
Delta R.T.: 0.020 min
Response: 2560415
Conc: 16.85 ug/ml



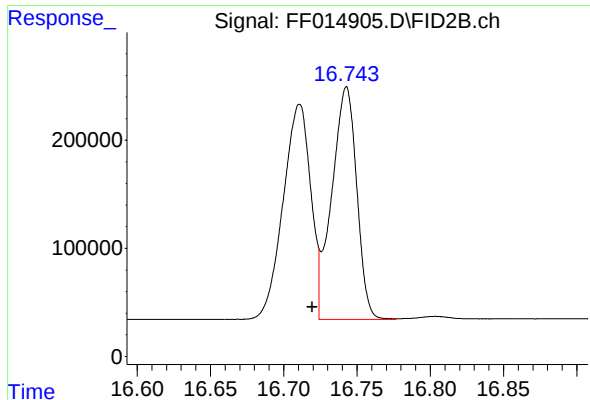
#15 Chrysene (C27.41)

R.T.: 15.196 min
Delta R.T.: 0.020 min
Response: 2635827
Conc: 17.06 ug/ml



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

R.T.: 16.710 min
Delta R.T.: 0.024 min
Response: 2662053
Conc: 17.41 ug/ml



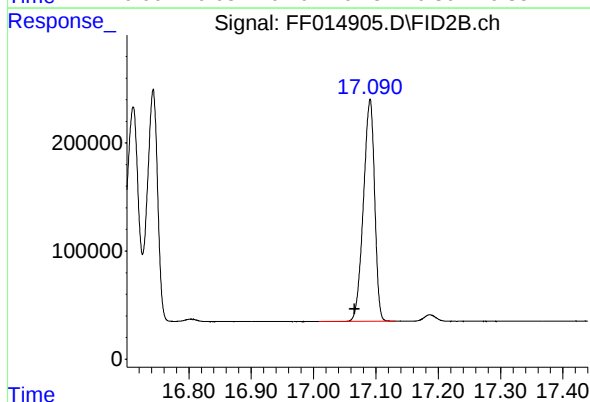
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.743 min
Delta R.T.: 0.023 min
Response: 2549416
Conc: 17.65 ug/ml

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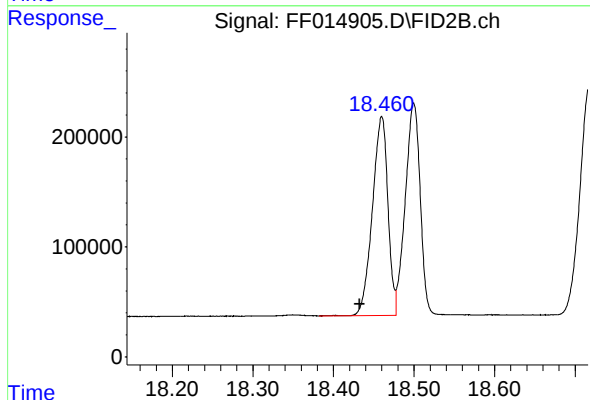
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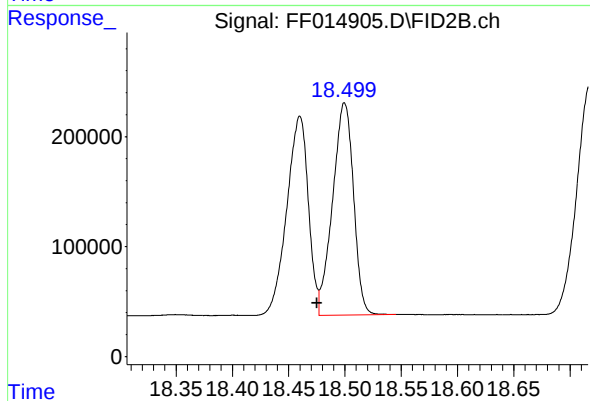
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.090 min
Delta R.T.: 0.024 min
Response: 2561148
Conc: 17.16 ug/ml



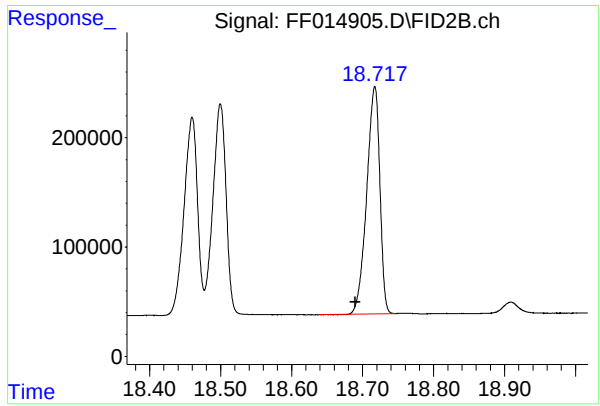
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.460 min
Delta R.T.: 0.027 min
Response: 2418461
Conc: 17.63 ug/ml



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

R.T.: 18.499 min
Delta R.T.: 0.024 min
Response: 2475282
Conc: 17.04 ug/ml m



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

R.T.: 18.717 min
Delta R.T.: 0.027 min
Response: 2674964
Conc: 18.72 ug/ml

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