

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082224AR\
 Data File : FF014461.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2024 07:29
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :Ankita Jodhani 08/23/2024

Integration File: autoint1.e
 Quant Time: Aug 23 02:40:34 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...	7.873	2180406	19.473 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
6) S 2-Fluorobiphenyl (SURR)	8.744	1289344	19.259 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.52%
11) S ortho-Terphenyl (SURR)	11.803	2744894	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	2572280	19.306 ug/ml
2) T Naphthalene (C11.7)	6.150	2586283	19.426 ug/ml
3) T 2-Methylnaphthalene (...)	7.245	2602471	19.496 ug/ml
5) T Acenaphthylene (C15.06)	8.542	2552063	19.051 ug/ml
7) T Acenaphthene (C15.5)	8.841	2715067	19.026 ug/ml
8) T Fluorene (C16.55)	9.629	2490835	19.211 ug/ml
9) T Phenanthrene (C19.36)	11.032	2448978	19.221 ug/ml
10) T Anthracene (C19.43)	11.107	2679893	20.085 ug/ml
12) T Fluoranthene (C21.85)	12.850	2658936	19.352 ug/ml
13) T Pyrene (C20.8)	13.146	2683932	19.377 ug/ml
14) T Benzo[a]anthracene (C...	15.026	2207773	19.634 ug/ml
15) T Chrysene (C27.41)	15.066	2932686	18.773 ug/ml
16) T benzo[b]fluoranthene ...	16.581	2387136	20.289 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.612	2662512	18.354 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.961	2403509	19.025 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.333	1520039	18.182 ug/mlm
20) T Dibenz[a,h]anthracene...	18.377	2564109	18.558 ug/ml
21) T Benzo[g,h,i]perylene ...	18.582	2369811	19.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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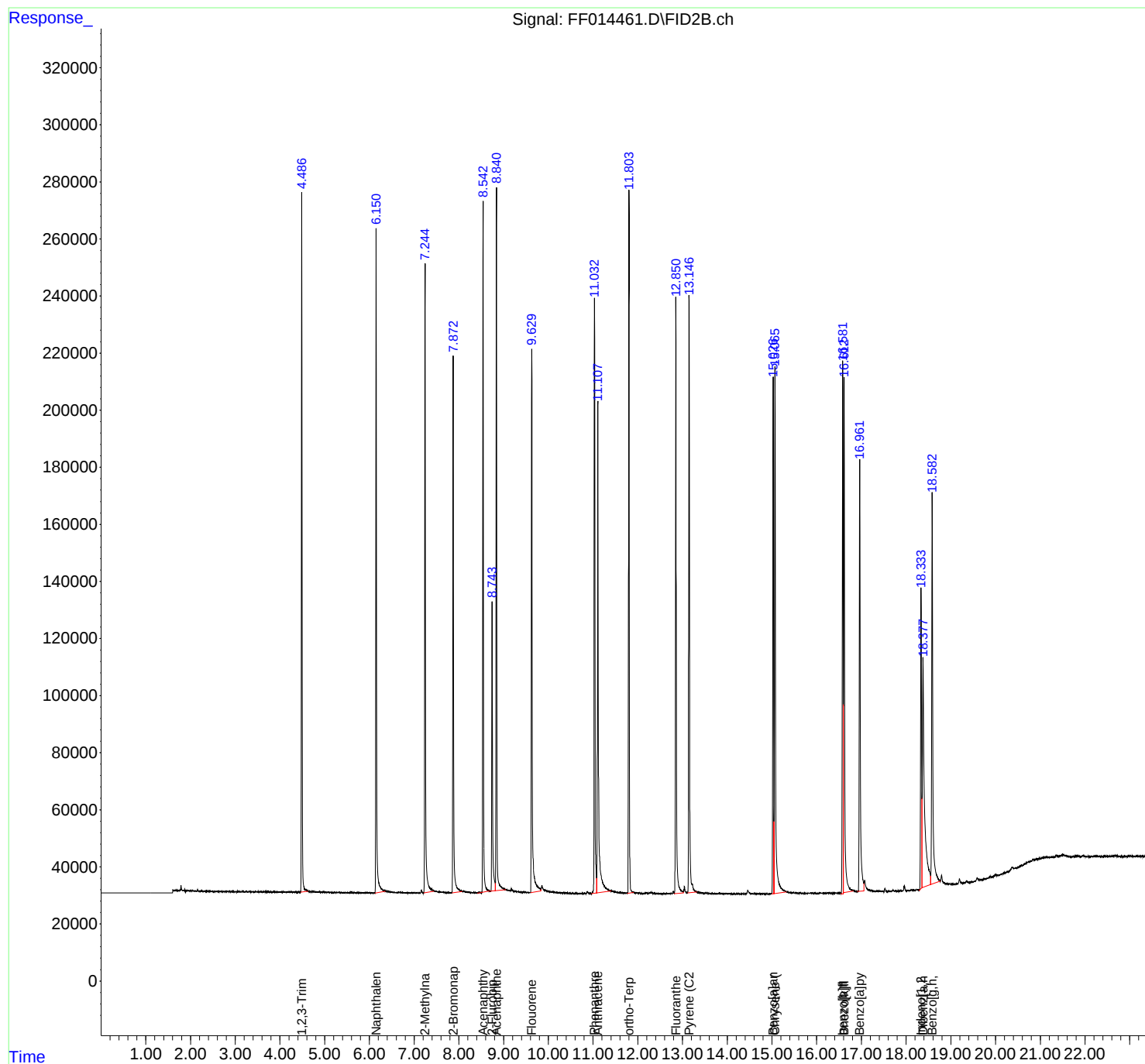
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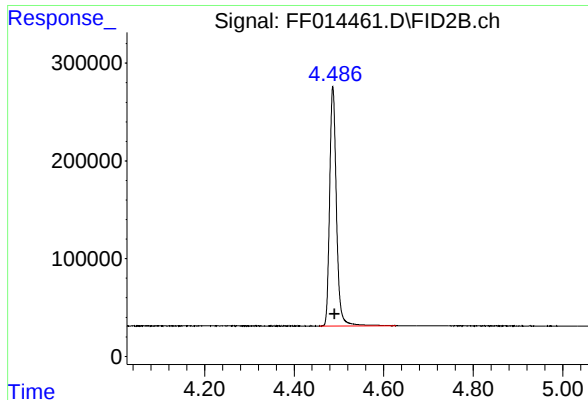
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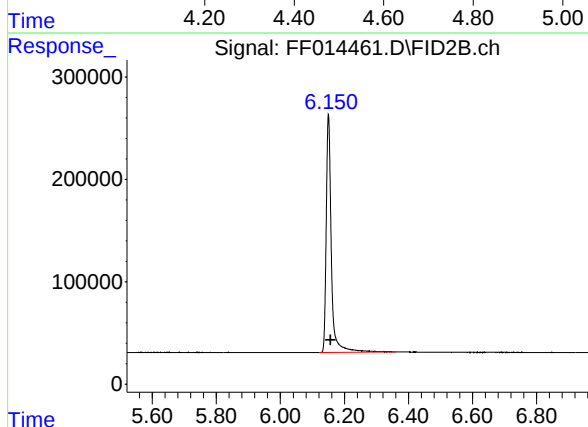
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 2572280
Conc: 19.31 ug/ml

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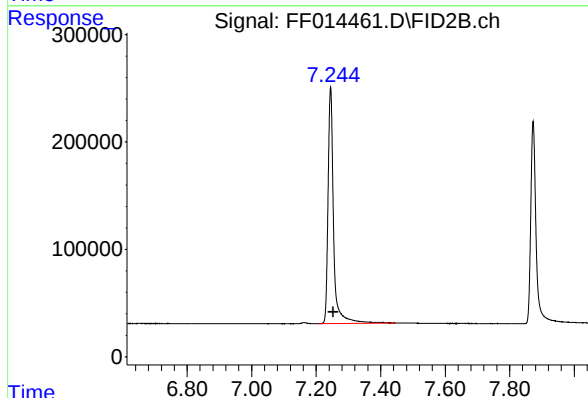
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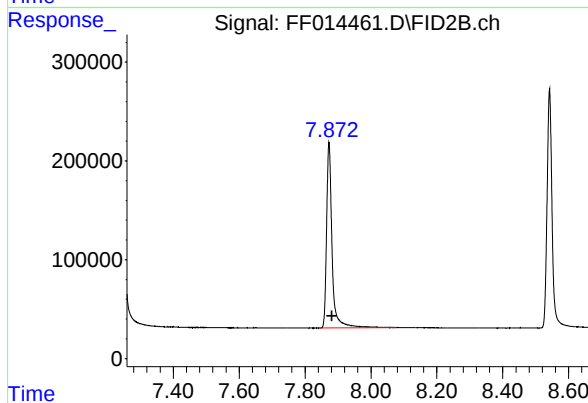
#2 Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: -0.007 min
Response: 2586283
Conc: 19.43 ug/ml



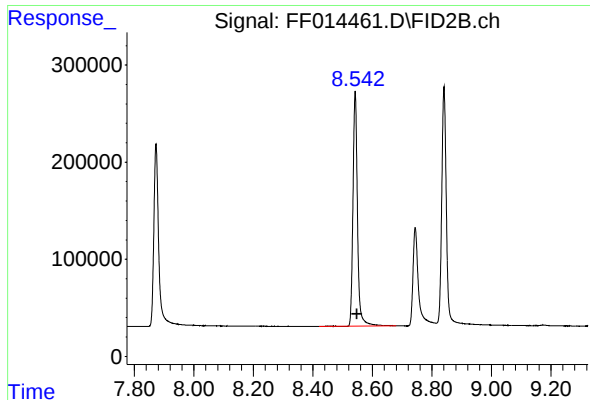
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.245 min
Delta R.T.: -0.008 min
Response: 2602471
Conc: 19.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.873 min
Delta R.T.: -0.009 min
Response: 2180406
Conc: 19.47 ug/ml



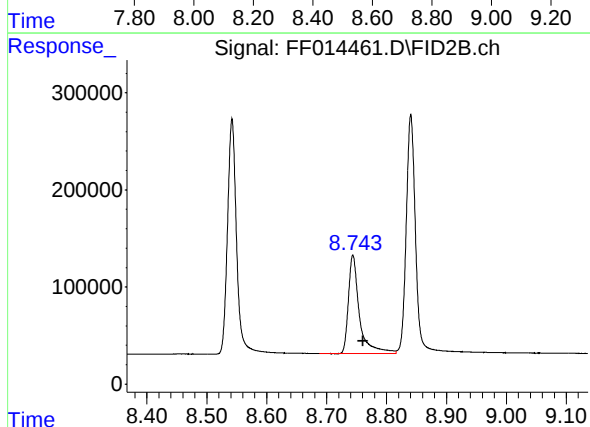
#5 Acenaphthylene (C15.06)

R.T.: 8.542 min
Delta R.T.: -0.006 min
Response: 2552063
Conc: 19.05 ug/ml

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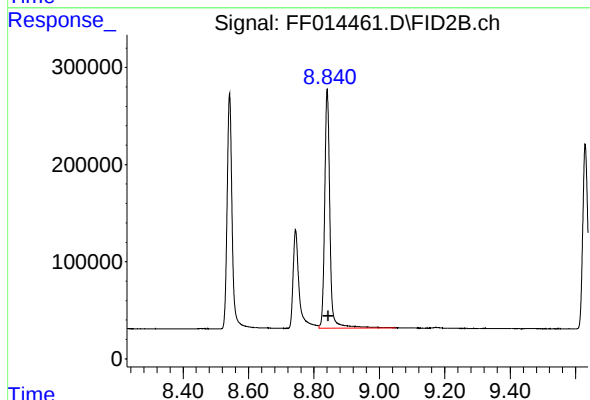
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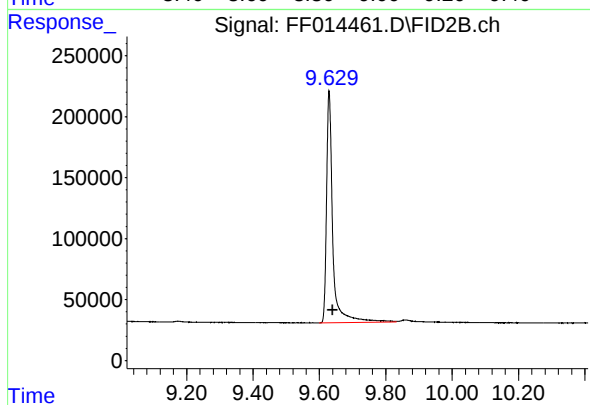
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.744 min
Delta R.T.: -0.016 min
Response: 1289344
Conc: 19.26 ug/ml



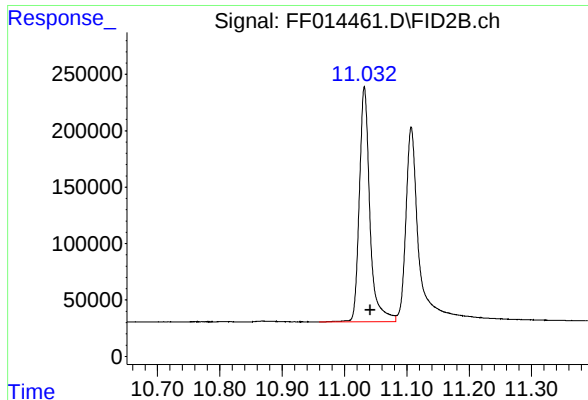
#7 Acenaphthene (C15.5)

R.T.: 8.841 min
Delta R.T.: -0.004 min
Response: 2715067
Conc: 19.03 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.629 min
Delta R.T.: -0.010 min
Response: 2490835
Conc: 19.21 ug/ml



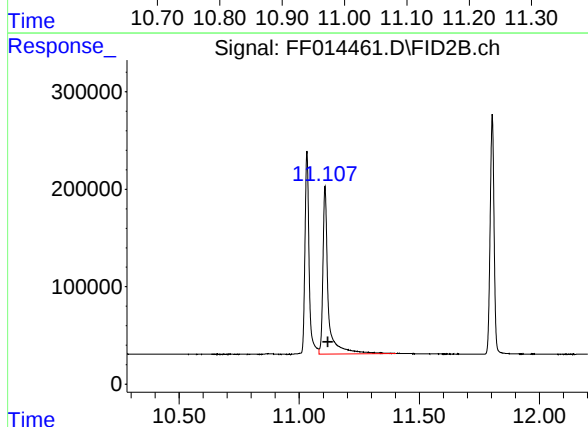
#9 Phenanthrene (C19.36)

R.T.: 11.032 min
Delta R.T.: -0.009 min
Response: 2448978
Conc: 19.22 ug/ml

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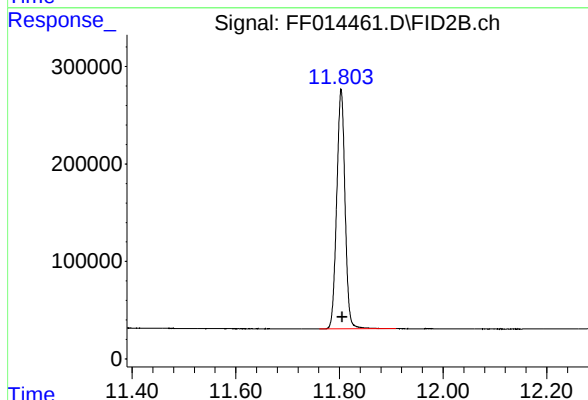
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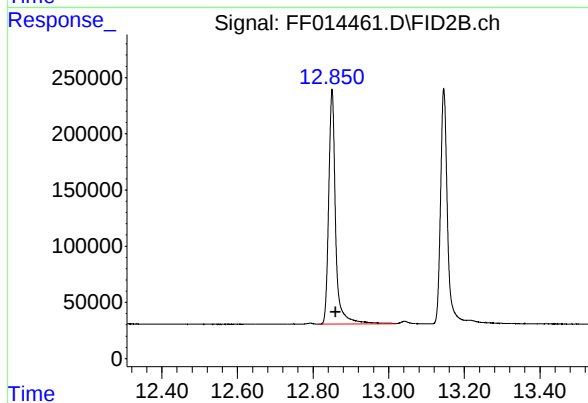
#10 Anthracene (C19.43)

R.T.: 11.107 min
Delta R.T.: -0.013 min
Response: 2679893
Conc: 20.08 ug/ml



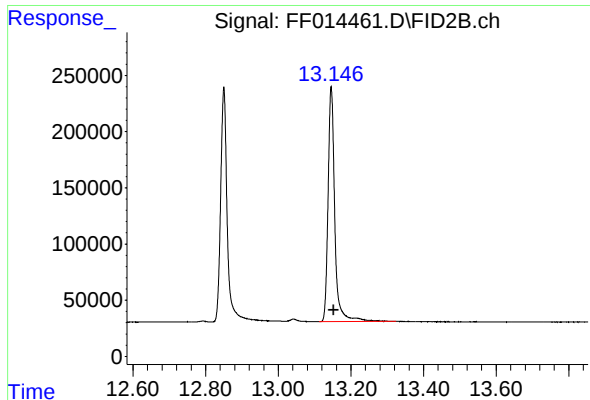
#11 ortho-Terphenyl (SURR)

R.T.: 11.803 min
Delta R.T.: -0.003 min
Response: 2744894
Conc: 19.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.850 min
Delta R.T.: -0.010 min
Response: 2658936
Conc: 19.35 ug/ml



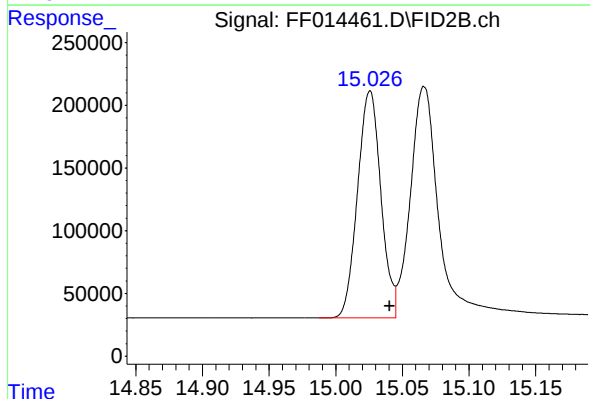
#13 Pyrene (C20.8)

R.T.: 13.146 min
Delta R.T.: -0.007 min
Response: 2683932
Conc: 19.38 ug/ml

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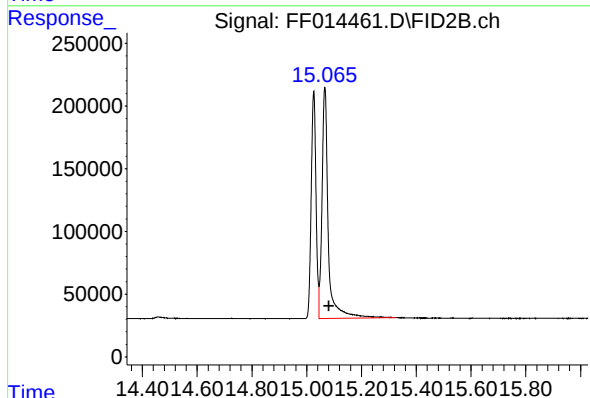
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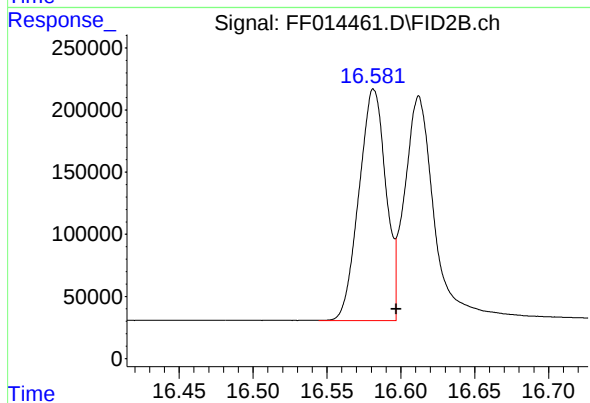
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.026 min
Delta R.T.: -0.015 min
Response: 2207773
Conc: 19.63 ug/ml



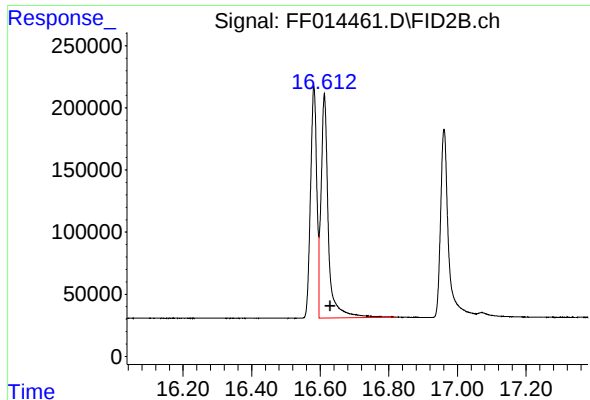
#15 Chrysene (C27.41)

R.T.: 15.066 min
Delta R.T.: -0.015 min
Response: 2932686
Conc: 18.77 ug/ml



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

R.T.: 16.581 min
Delta R.T.: -0.016 min
Response: 2387136
Conc: 20.29 ug/ml m



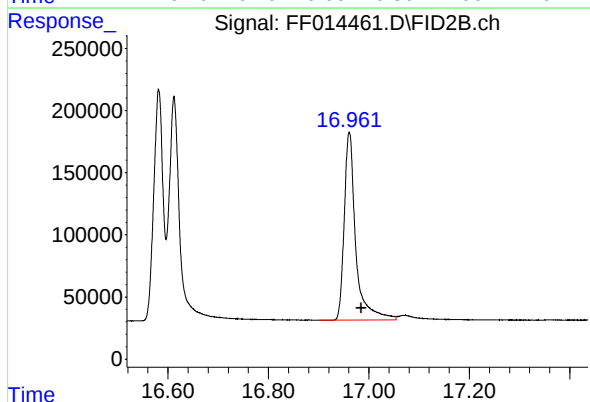
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.612 min
Delta R.T.: -0.017 min
Response: 2662512
Conc: 18.35 ug/ml

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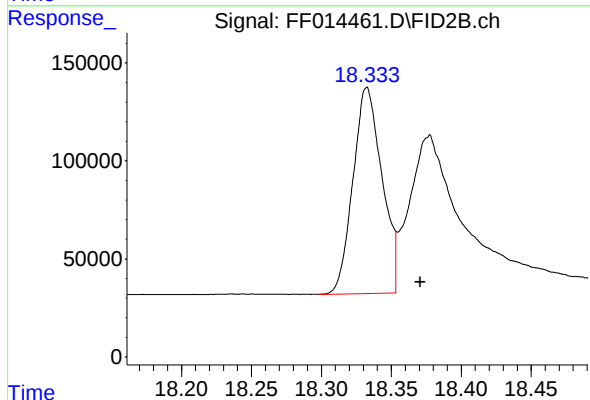
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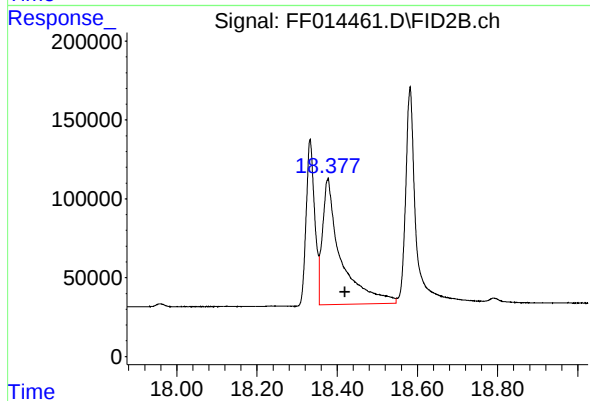
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.961 min
Delta R.T.: -0.024 min
Response: 2403509
Conc: 19.02 ug/ml



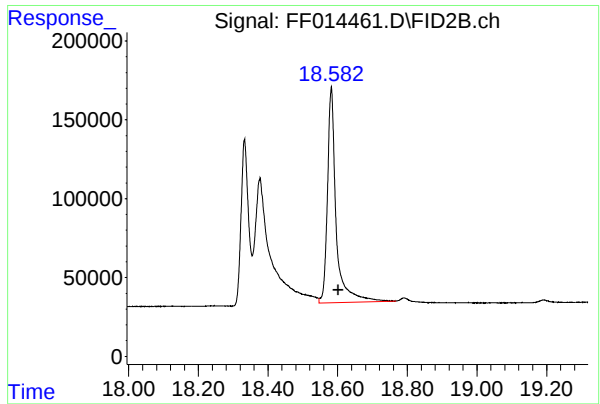
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.333 min
Delta R.T.: -0.038 min
Response: 1520039
Conc: 18.18 ug/ml m



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

R.T.: 18.377 min
Delta R.T.: -0.043 min
Response: 2564109
Conc: 18.56 ug/ml



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

R.T.: 18.582 min
Delta R.T.: -0.020 min
Response: 2369811
Conc: 19.31 ug/ml

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