

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013025AR\
 Data File : FF015379.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 02:54
 Operator : YP\AJ
 Sample : Q1168-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 04:18:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 2025
 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...	7.993	7348211	55.668 ug/ml
Spiked Amount 50.000		Recovery =	111.34%
6) S 2-Fluorobiphenyl (SURR)	8.866	4829443	57.215 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.43%
11) S ortho-Terphenyl (SURR)	11.930	6850732	39.797 ug/ml
Spiked Amount 50.000		Recovery =	79.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	318069	1.983 ug/ml
2) T Naphthalene (C11.7)	6.271	339534	2.118 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	350899	2.207 ug/mlm
5) T Acenaphthylene (C15.06)	8.664	357402	2.249 ug/ml
7) T Acenaphthene (C15.5)	8.962	365631	2.242 ug/ml
8) T Fluorene (C16.55)	9.753	323497	2.055 ug/ml
9) T Phenanthrene (C19.36)	11.157	297039	1.860 ug/ml
10) T Anthracene (C19.43)	11.233	276166	1.871 ug/ml
12) T Fluoranthene (C21.85)	12.977	315914	1.910 ug/ml
13) T Pyrene (C20.8)	13.276	314103	1.939 ug/ml
14) T Benzo[a]anthracene (C...	15.158	224486	1.505 ug/mlm
15) T Chrysene (C27.41)	15.198	373580	2.405 ug/mlm
16) T benzo[b]fluoranthene ...	16.714	258600	1.747 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.747	319109	2.257 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.099	263033	1.851 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.471	209014	1.659 ug/mlm
20) T Dibenz[a,h]anthracene...	18.515	325886	2.203 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.722	255670	1.894 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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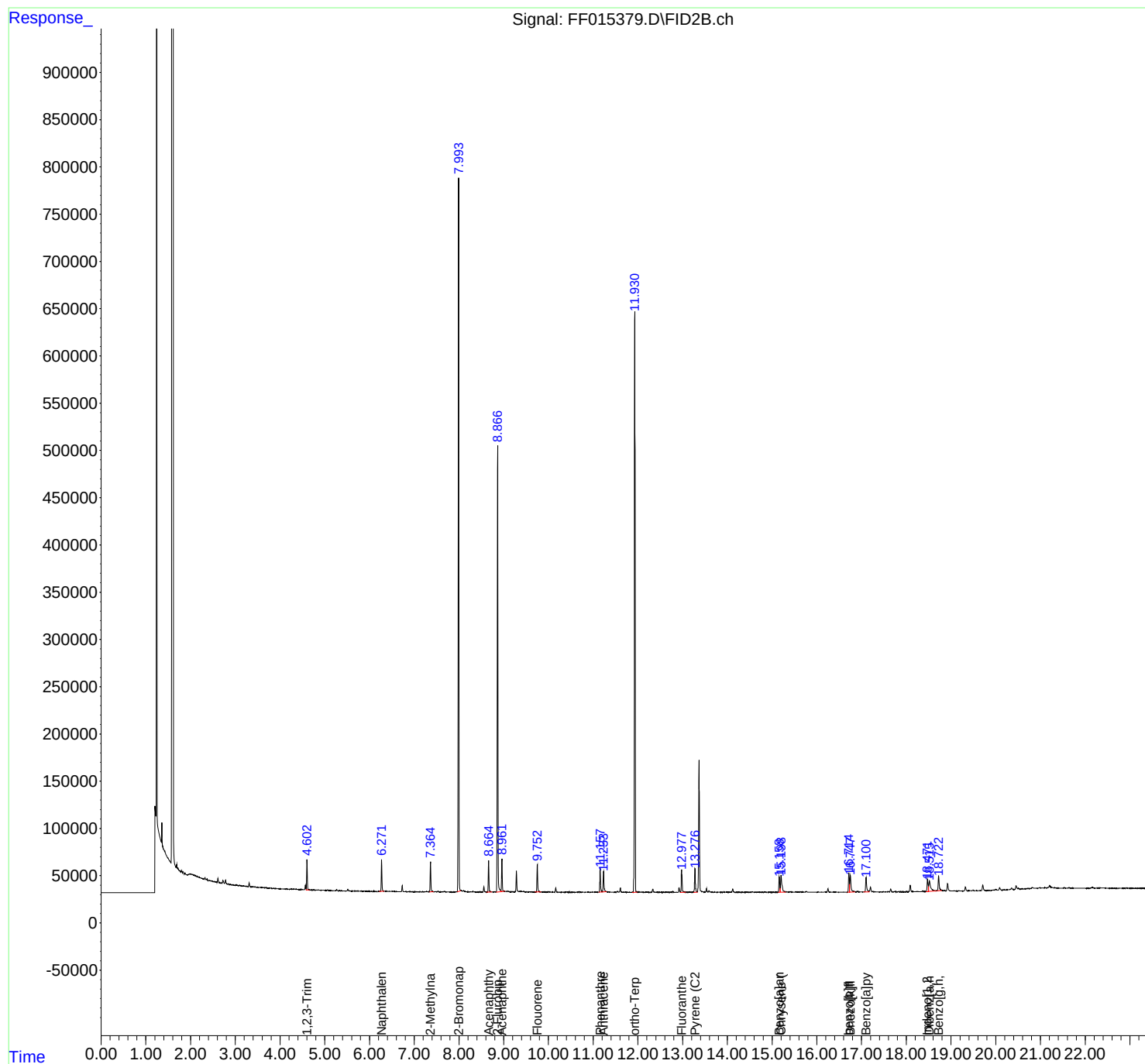
Instrument :
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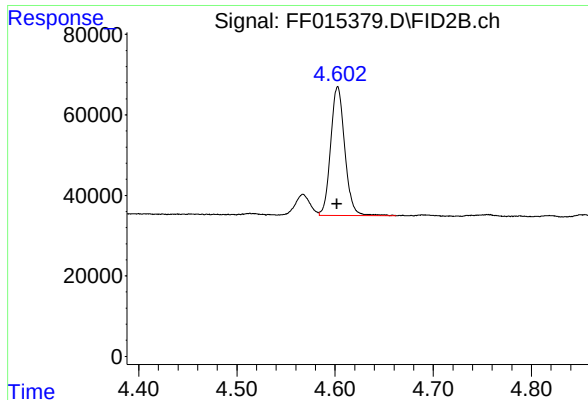
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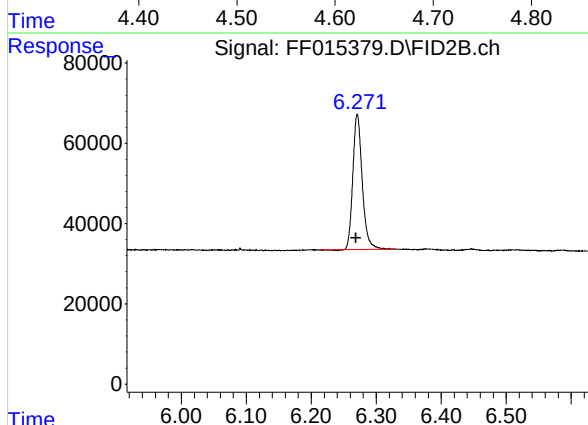
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 318069
Conc: 1.98 ug/ml

Instrument : FID_F
ClientSampleId : MDL-WATER-03-QT1-2025

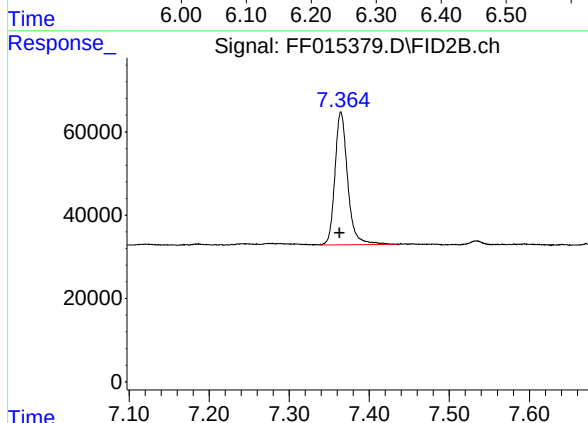
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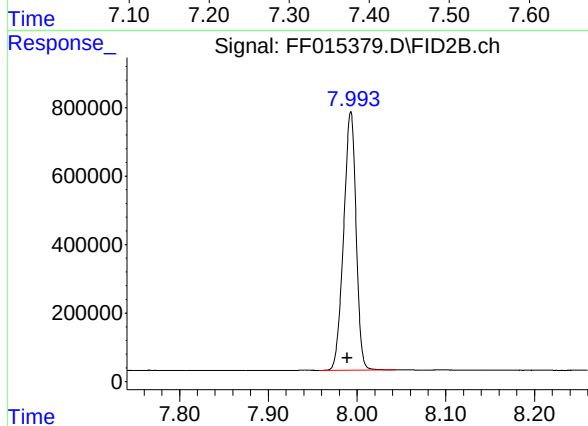
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 339534
Conc: 2.12 ug/ml



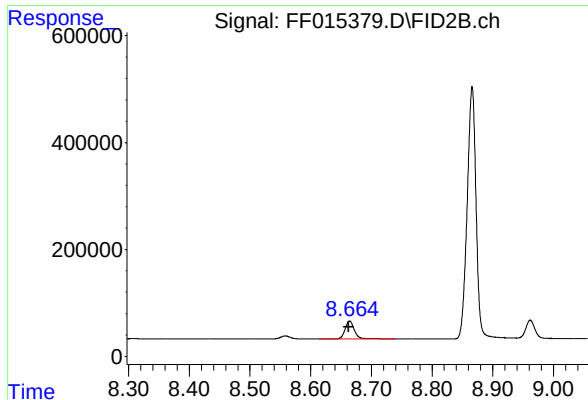
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.001 min
Response: 350899
Conc: 2.21 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.993 min
Delta R.T.: 0.004 min
Response: 7348211
Conc: 55.67 ug/ml



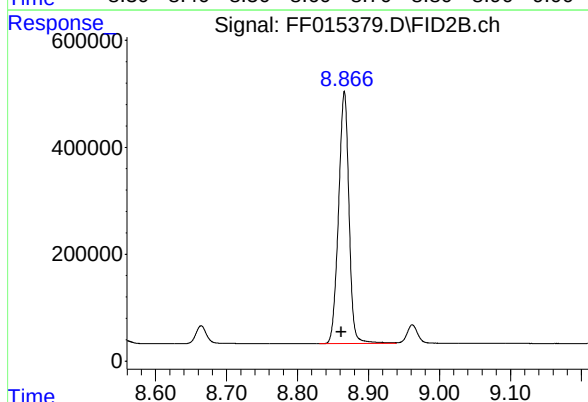
#5 Acenaphthylene (C15.06)

R.T.: 8.664 min
Delta R.T.: 0.002 min
Response: 357402
Conc: 2.25 ug/ml

Instrument : FID_F
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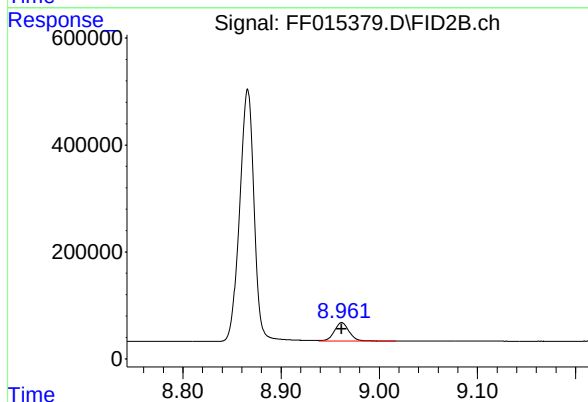
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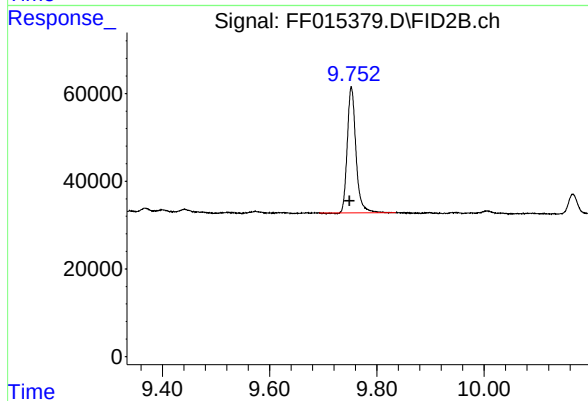
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.004 min
Response: 4829443
Conc: 57.22 ug/ml



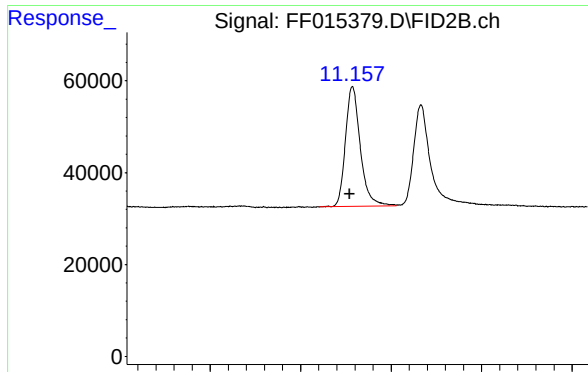
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 365631
Conc: 2.24 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.753 min
Delta R.T.: 0.003 min
Response: 323497
Conc: 2.05 ug/ml



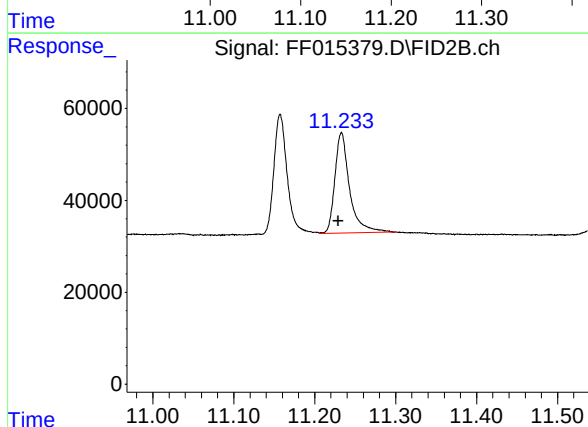
#9 Phenanthrene (C19.36)

R.T.: 11.157 min
Delta R.T.: 0.003 min
Response: 297039
Conc: 1.86 ug/ml

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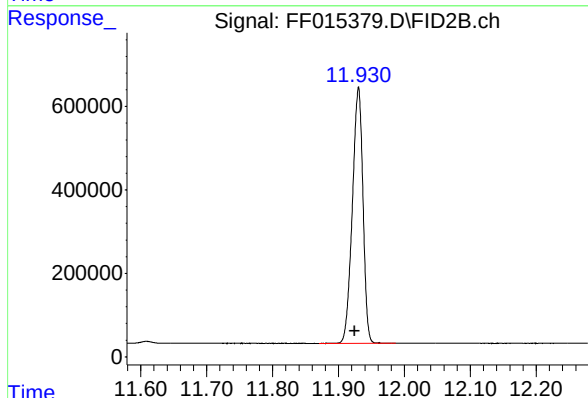
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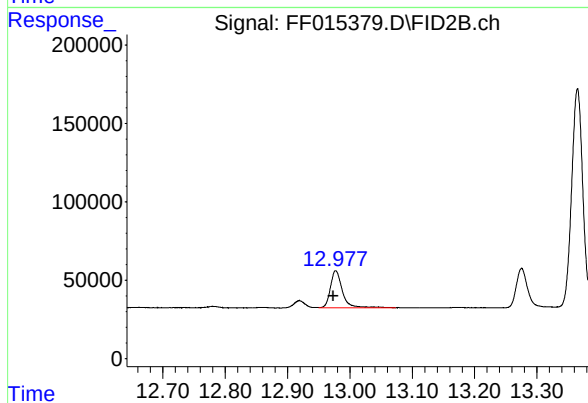
#10 Anthracene (C19.43)

R.T.: 11.233 min
Delta R.T.: 0.004 min
Response: 276166
Conc: 1.87 ug/ml



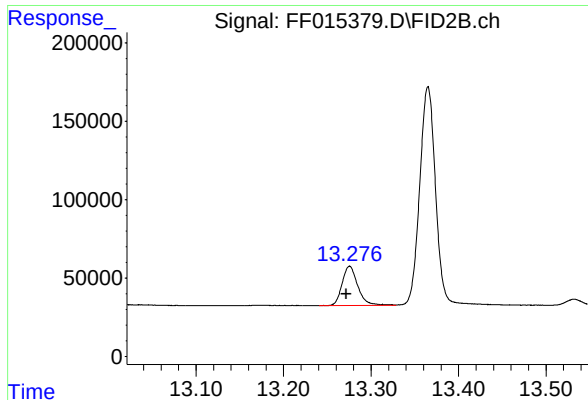
#11 ortho-Terphenyl (SURRE)

R.T.: 11.930 min
Delta R.T.: 0.006 min
Response: 6850732
Conc: 39.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.977 min
Delta R.T.: 0.004 min
Response: 315914
Conc: 1.91 ug/ml



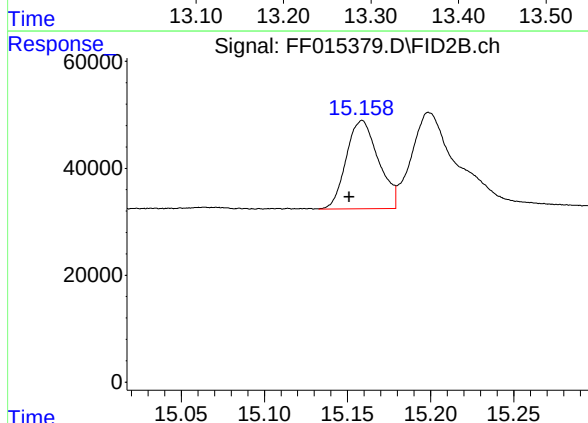
#13 Pyrene (C20.8)

R.T.: 13.276 min
Delta R.T.: 0.004 min
Response: 314103
Conc: 1.94 ug/ml

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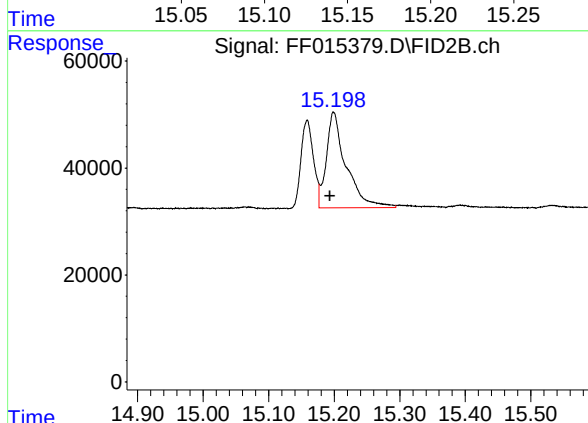
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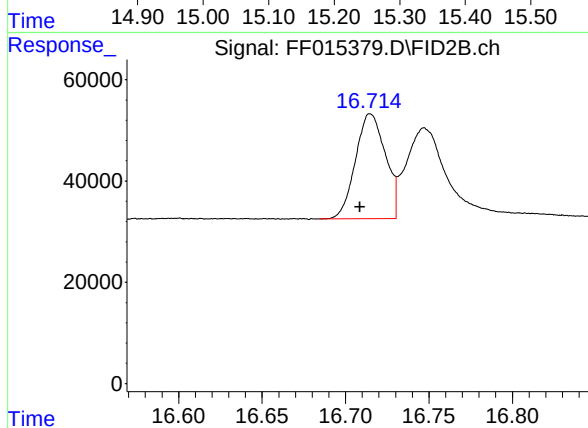
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: 0.007 min
Response: 224486
Conc: 1.50 ug/ml m



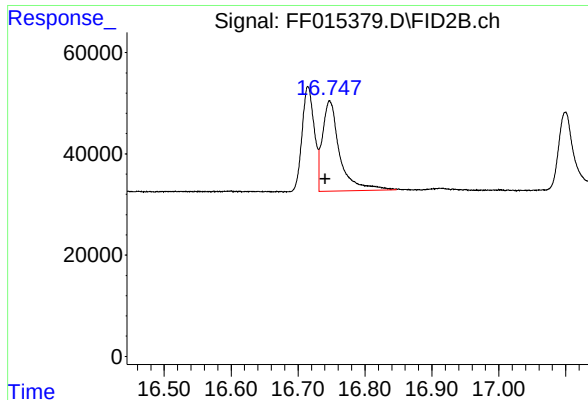
#15 Chrysene (C27.41)

R.T.: 15.198 min
Delta R.T.: 0.005 min
Response: 373580
Conc: 2.41 ug/ml m



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

R.T.: 16.714 min
Delta R.T.: 0.005 min
Response: 258600
Conc: 1.75 ug/ml m



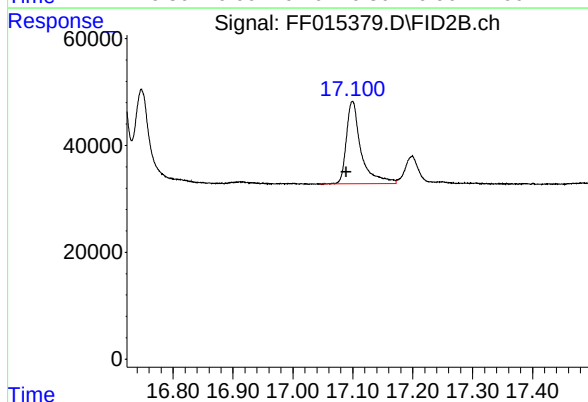
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.747 min
Delta R.T.: 0.006 min
Response: 319109
Conc: 2.26 ug/ml

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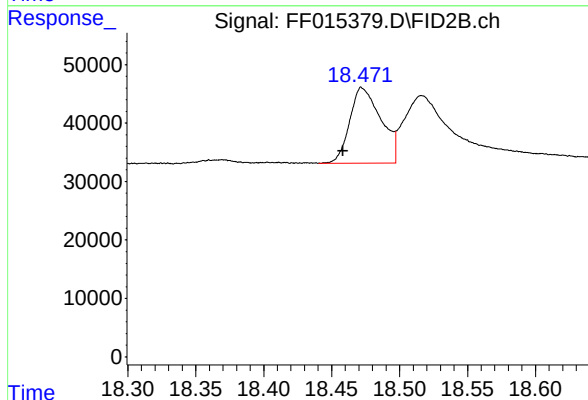
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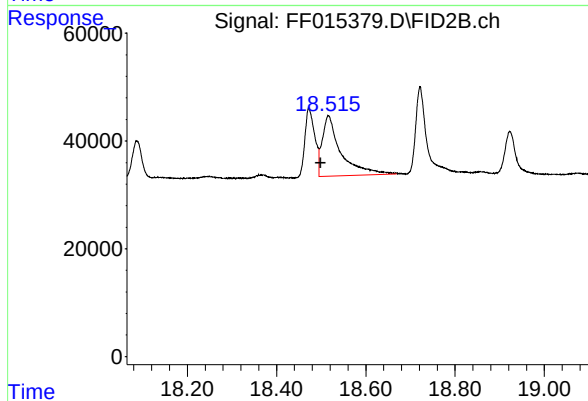
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.099 min
Delta R.T.: 0.011 min
Response: 263033
Conc: 1.85 ug/ml



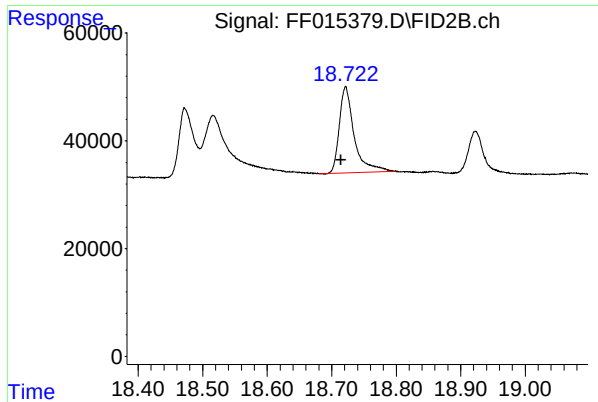
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.471 min
Delta R.T.: 0.013 min
Response: 209014
Conc: 1.66 ug/ml m



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

R.T.: 18.515 min
Delta R.T.: 0.017 min
Response: 325886
Conc: 2.20 ug/ml m



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

R.T.: 18.722 min
Delta R.T.: 0.007 min
Response: 255670
Conc: 1.89 ug/ml

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