

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013025AR\
 Data File : FF015377.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 01:57
 Operator : YP\AJ
 Sample : Q1168-03
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-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 04:17:57 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	7394301	56.017 ug/ml
Spiked Amount 50.000		Recovery =	112.03%
6) S 2-Fluorobiphenyl (SURR)	8.866	4855240	57.521 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.04%
11) S ortho-Terphenyl (SURR)	11.930	6871971	39.920 ug/ml
Spiked Amount 50.000		Recovery =	79.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	320288	1.997 ug/ml
2) T Naphthalene (C11.7)	6.271	343557	2.143 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	354600	2.230 ug/ml
5) T Acenaphthylene (C15.06)	8.664	357447	2.250 ug/ml
7) T Acenaphthene (C15.5)	8.962	367185	2.252 ug/ml
8) T Fluorene (C16.55)	9.752	327387	2.079 ug/ml
9) T Phenanthrene (C19.36)	11.158	299716	1.877 ug/ml
10) T Anthracene (C19.43)	11.233	278673	1.887 ug/ml
12) T Fluoranthene (C21.85)	12.978	318556	1.926 ug/ml
13) T Pyrene (C20.8)	13.275	317471	1.960 ug/ml
14) T Benzo[a]anthracene (C...	15.158	230356	1.544 ug/mlm
15) T Chrysene (C27.41)	15.199	358777	2.310 ug/mlm
16) T benzo[b]fluoranthene ...	16.714	269322	1.820 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.747	329409	2.330 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.099	265578	1.869 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.473	206447	1.638 ug/mlm
20) T Dibenz[a,h]anthracene...	18.518	331950	2.244 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.721	263249	1.950 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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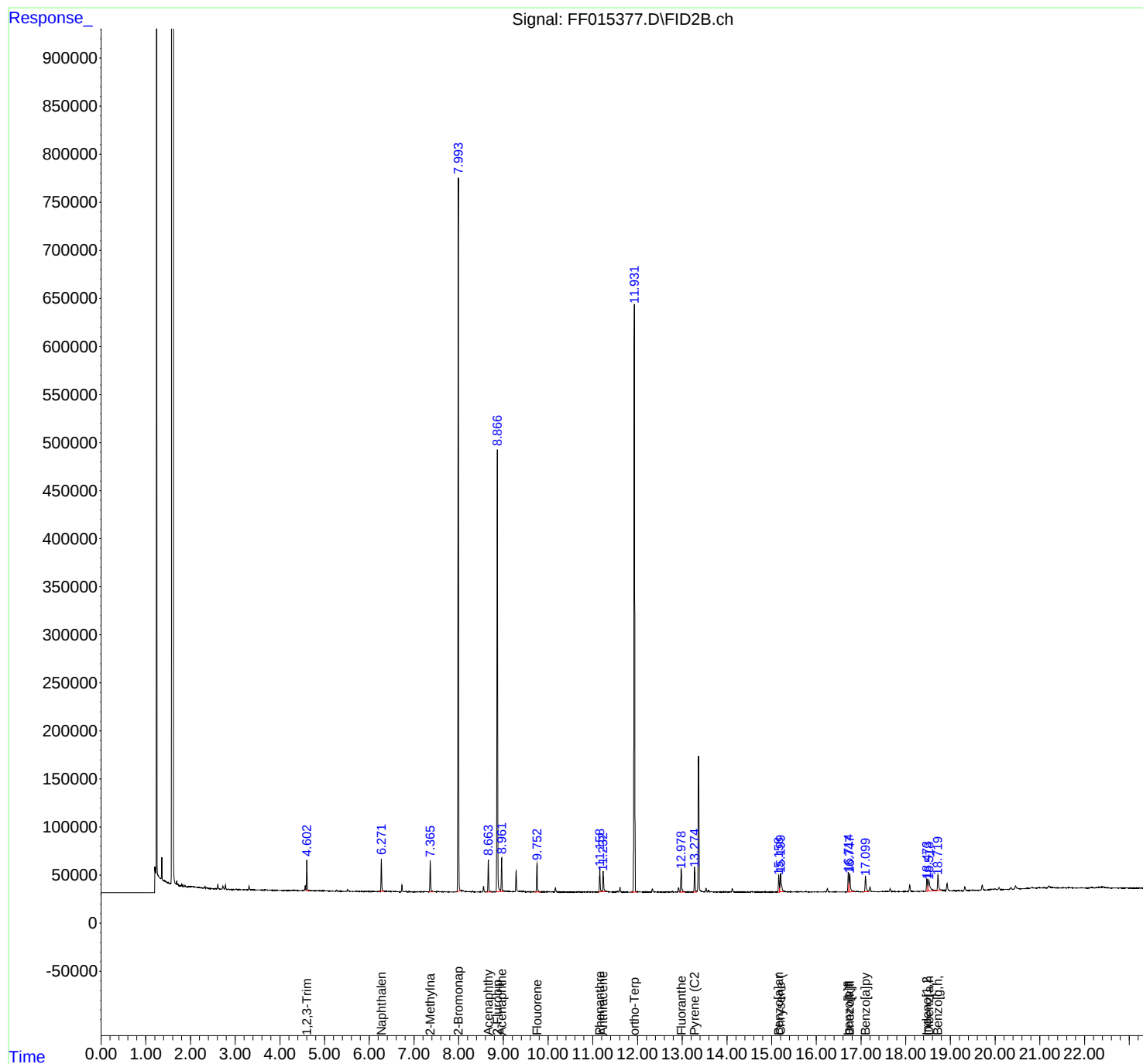
Instrument :
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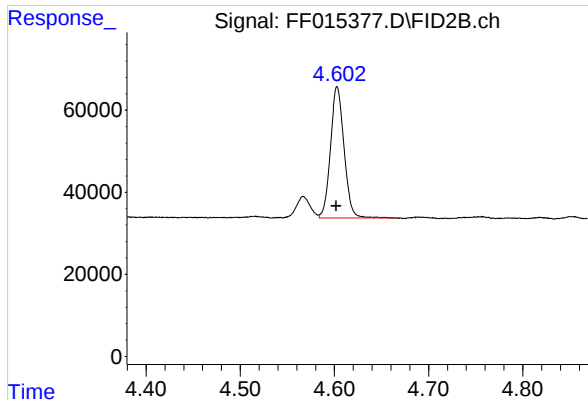
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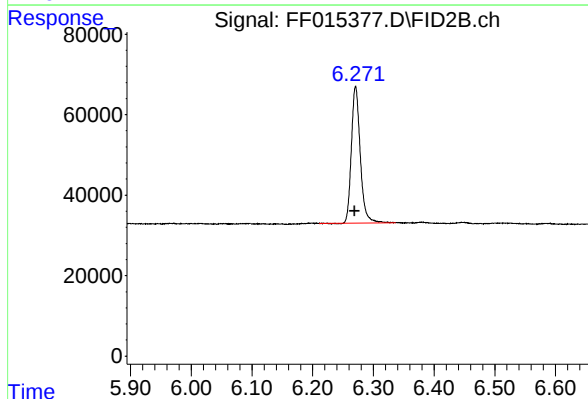
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.603 min
Delta R.T.: 0.001 min
Response: 320288
Conc: 2.00 ug/ml

Instrument : FID_F
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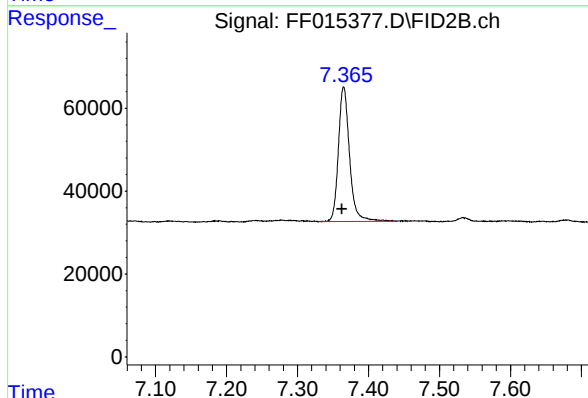
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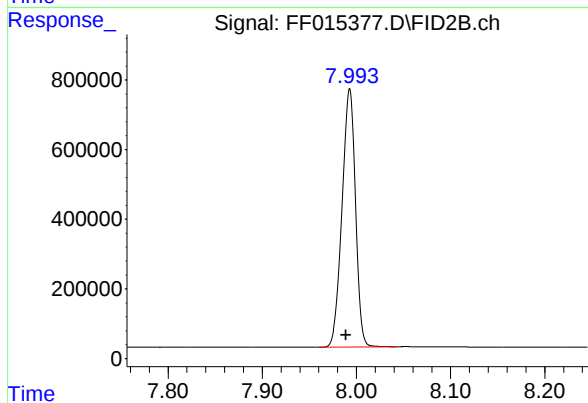
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 343557
Conc: 2.14 ug/ml



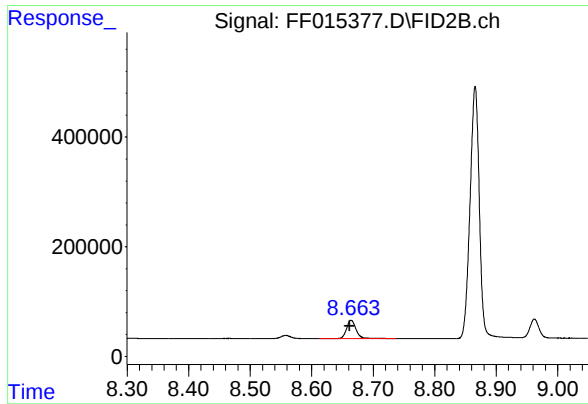
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.002 min
Response: 354600
Conc: 2.23 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.993 min
Delta R.T.: 0.004 min
Response: 7394301
Conc: 56.02 ug/ml



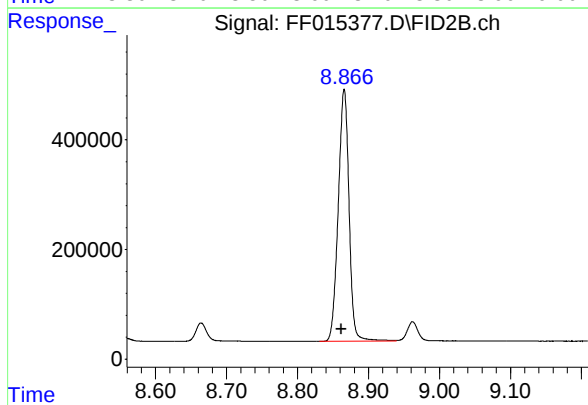
#5 Acenaphthylene (C15.06)

R.T.: 8.664 min
Delta R.T.: 0.002 min
Response: 357447
Conc: 2.25 ug/ml

Instrument :
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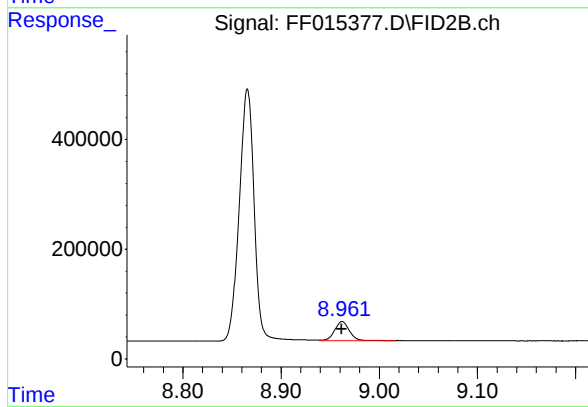
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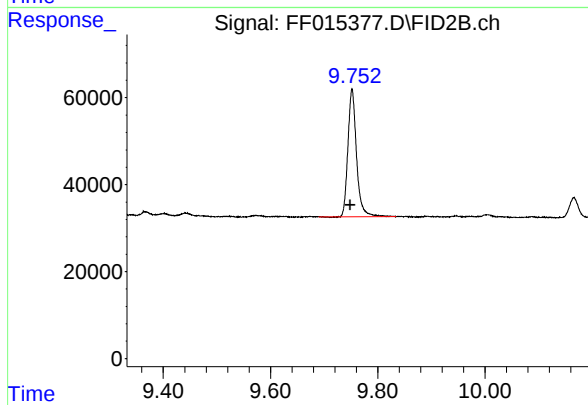
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.004 min
Response: 4855240
Conc: 57.52 ug/ml



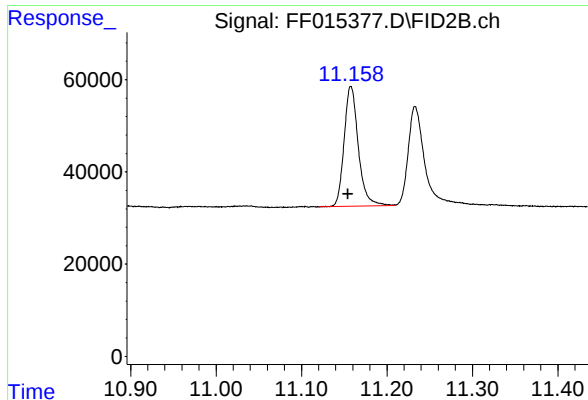
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 367185
Conc: 2.25 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.752 min
Delta R.T.: 0.003 min
Response: 327387
Conc: 2.08 ug/ml



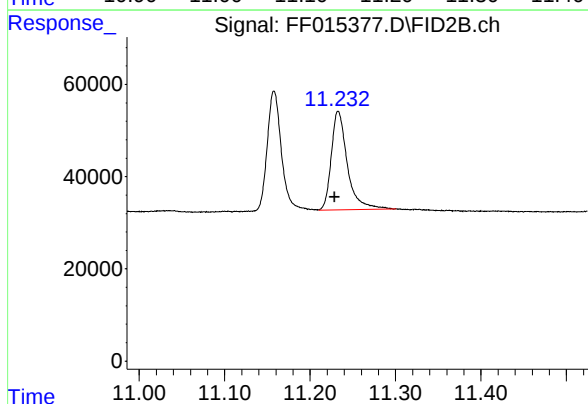
#9 Phenanthrene (C19.36)

R.T.: 11.158 min
Delta R.T.: 0.004 min
Response: 299716
Conc: 1.88 ug/ml

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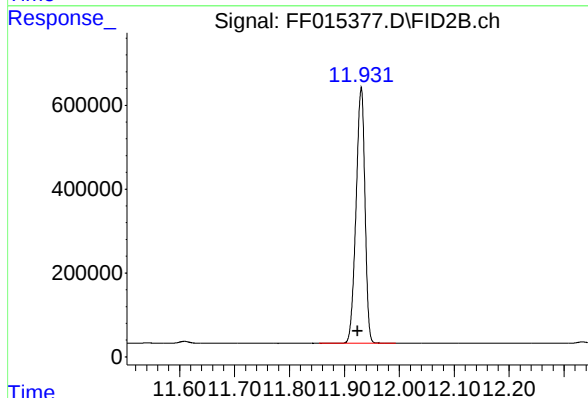
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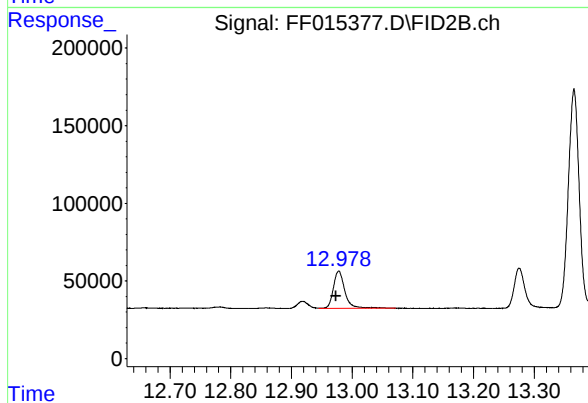
#10 Anthracene (C19.43)

R.T.: 11.233 min
Delta R.T.: 0.004 min
Response: 278673
Conc: 1.89 ug/ml



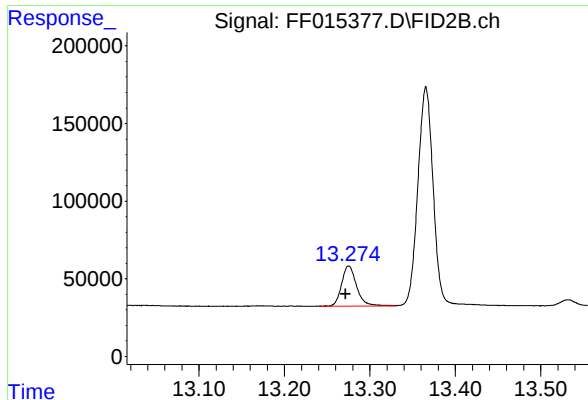
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.006 min
Response: 6871971
Conc: 39.92 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.978 min
Delta R.T.: 0.005 min
Response: 318556
Conc: 1.93 ug/ml



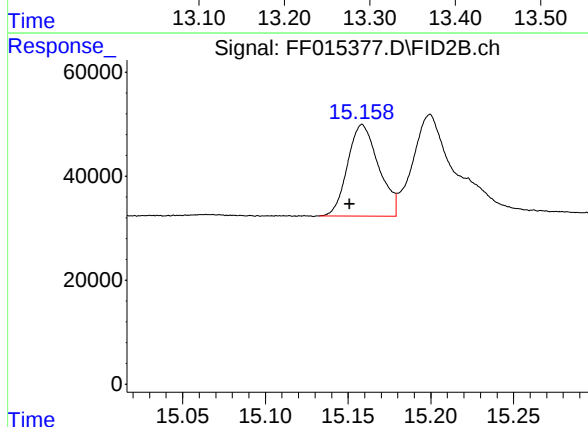
#13 Pyrene (C20.8)

R.T.: 13.275 min
Delta R.T.: 0.004 min
Response: 317471
Conc: 1.96 ug/ml

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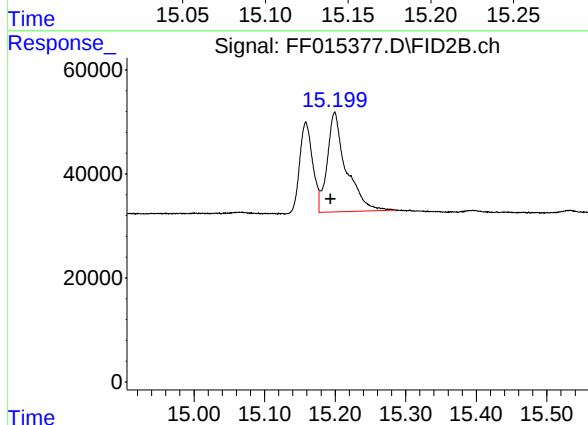
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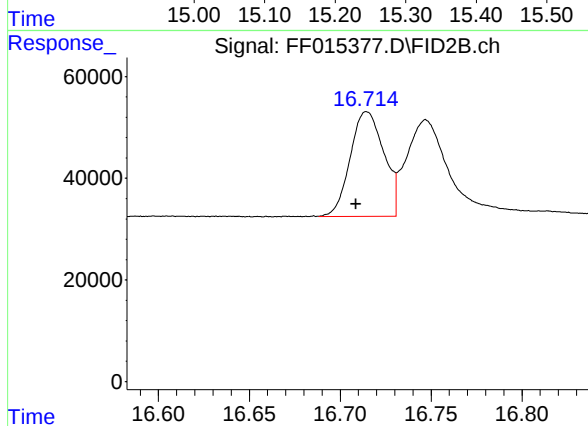
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: 0.007 min
Response: 230356
Conc: 1.54 ug/ml m



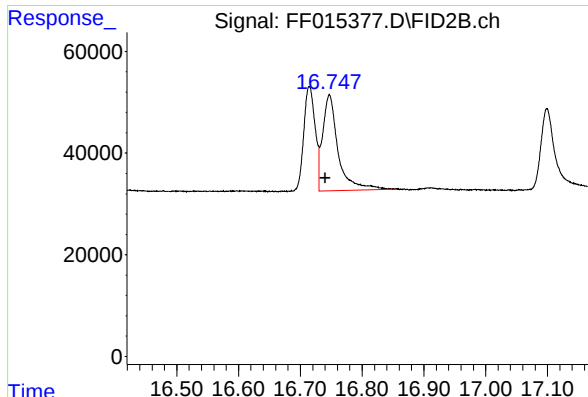
#15 Chrysene (C27.41)

R.T.: 15.199 min
Delta R.T.: 0.006 min
Response: 358777
Conc: 2.31 ug/ml m



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

R.T.: 16.714 min
Delta R.T.: 0.005 min
Response: 269322
Conc: 1.82 ug/ml m



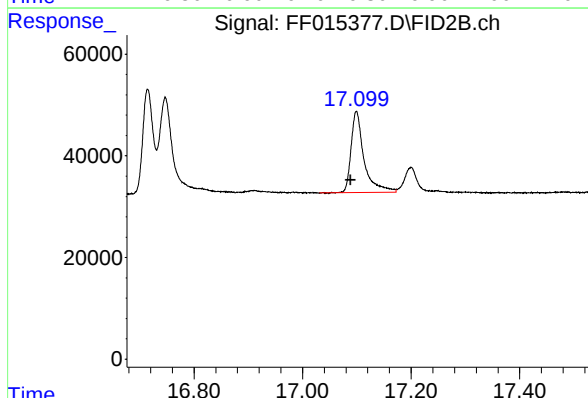
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.747 min
Delta R.T.: 0.006 min
Response: 329409
Conc: 2.33 ug/ml

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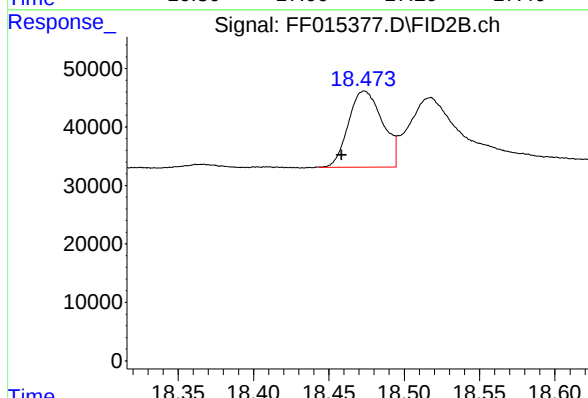
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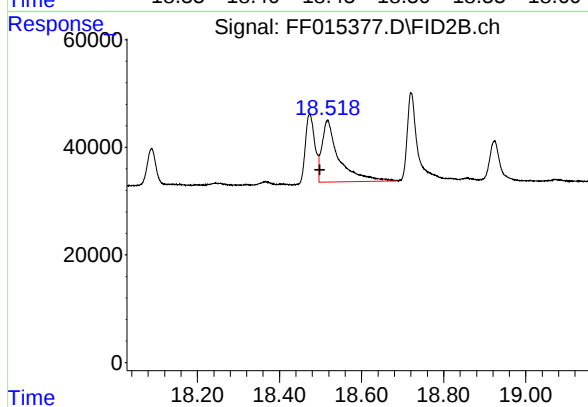
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.099 min
Delta R.T.: 0.010 min
Response: 265578
Conc: 1.87 ug/ml



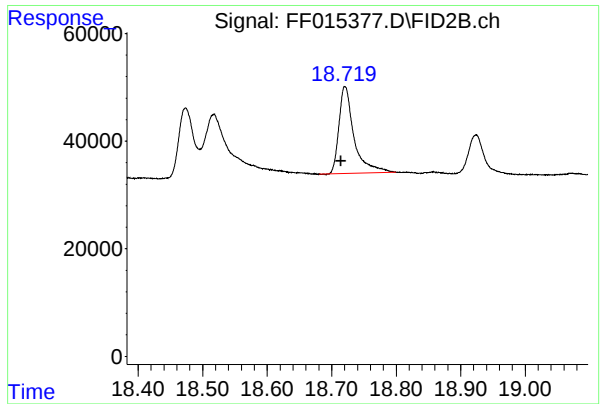
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.473 min
Delta R.T.: 0.014 min
Response: 206447
Conc: 1.64 ug/ml m



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

R.T.: 18.518 min
Delta R.T.: 0.019 min
Response: 331950
Conc: 2.24 ug/ml m



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

R.T.: 18.721 min
Delta R.T.: 0.006 min
Response: 263249
Conc: 1.95 ug/ml

Instrument :

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