

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020725AR\
 Data File : FF015509.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2025 04:45
 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 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 10 00:41:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:23:26 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...	7.996	2418647	20.350 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
6) S 2-Fluorobiphenyl (SURR)	8.871	1509561	19.878 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.76%
11) S ortho-Terphenyl (SURR)	11.932	2687564	20.379 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	2800584	20.220 ug/ml
2) T Naphthalene (C11.7)	6.275	2781662	20.195 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2663741	20.038 ug/ml
5) T Acenaphthylene (C15.06)	8.670	2763909	20.441 ug/ml
7) T Acenaphthene (C15.5)	8.969	2780193	20.694 ug/ml
8) T Flouorene (C16.55)	9.758	2620490	20.178 ug/ml
9) T Phenanthrene (C19.36)	11.165	2409630	19.851 ug/ml
10) T Anthracene (C19.43)	11.241	2363732	19.722 ug/ml
12) T Fluoranthene (C21.85)	12.987	2442268	20.079 ug/ml
13) T Pyrene (C20.8)	13.285	2464814	20.254 ug/ml
14) T Benzo[a]anthracene (C...	15.167	2022351	18.545 ug/mlm
15) T Chrysene (C27.41)	15.210	2485727	20.847 ug/ml
16) T benzo[b]fluoranthene ...	16.729	2257432	19.558 ug/ml
17) T Bnezo[k]fluoranthene ...	16.760	2480762	20.542 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	2345875	20.908 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	2025179	18.372 ug/mlm
20) T Dibenz[a,h]anthracene...	18.523	2445694	19.815 ug/ml
21) T Benzo[g,h,i]perylene ...	18.739	2537252	19.819 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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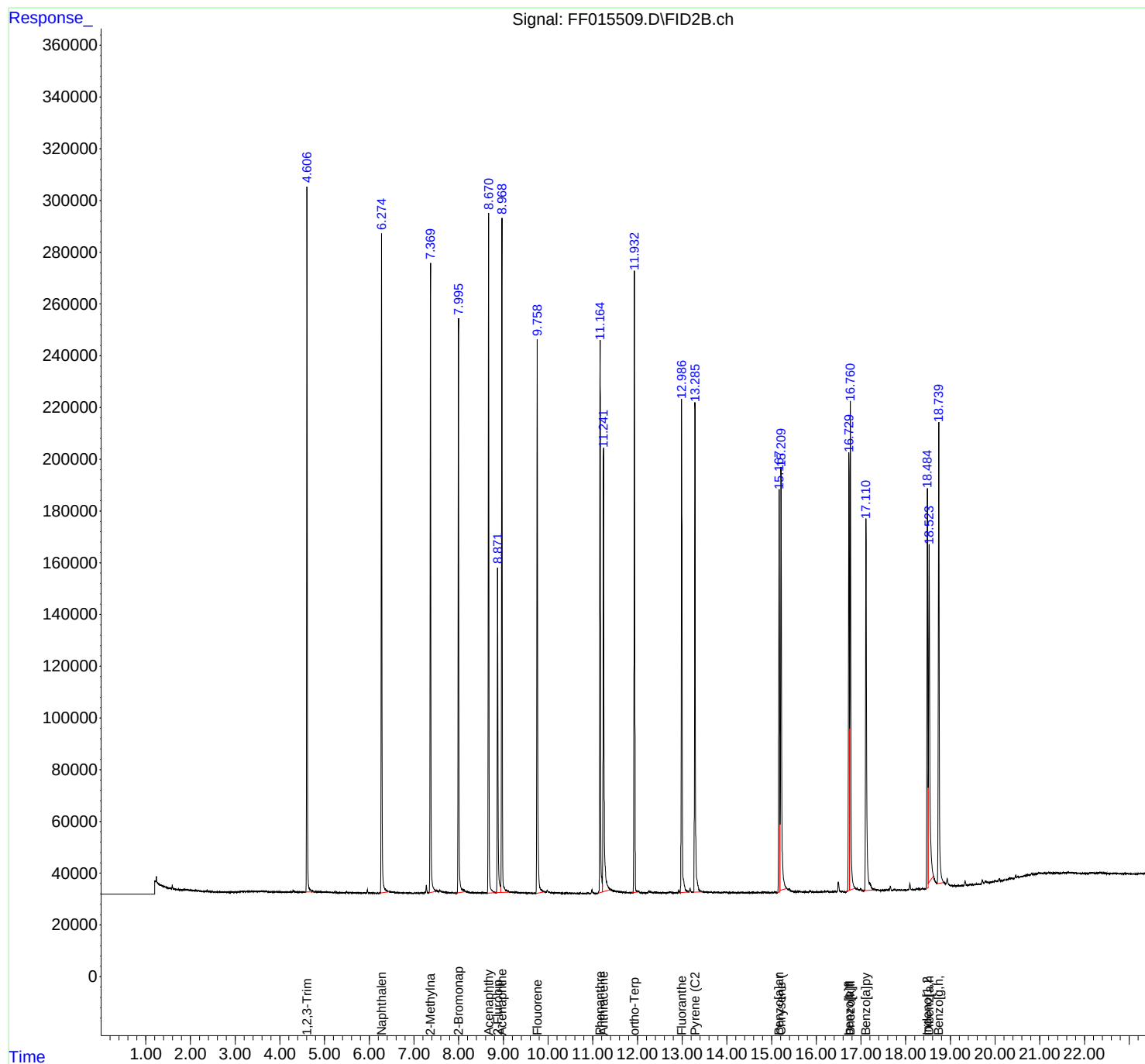
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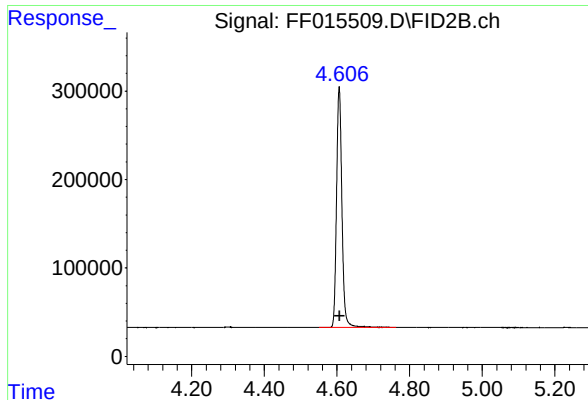
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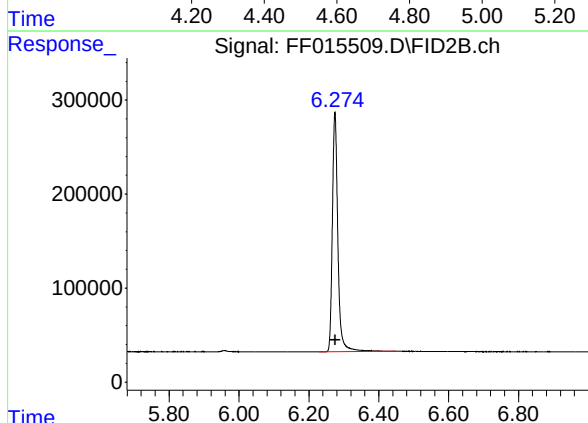
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2800584
Conc: 20.22 ug/ml

Instrument :
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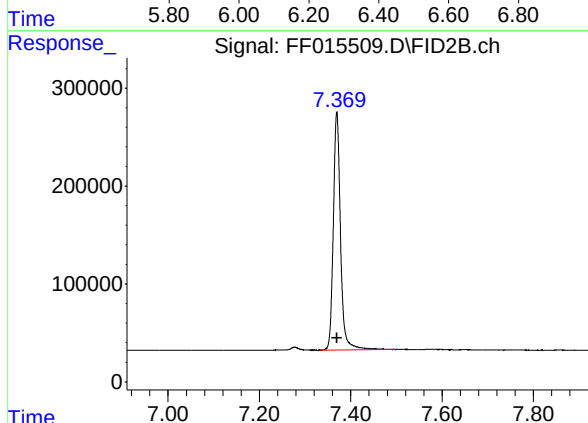
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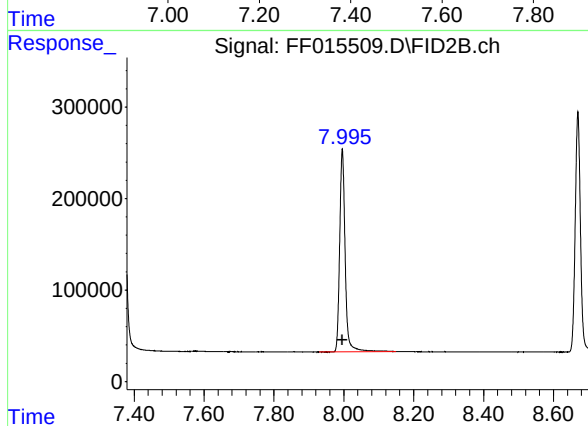
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 2781662
Conc: 20.20 ug/ml



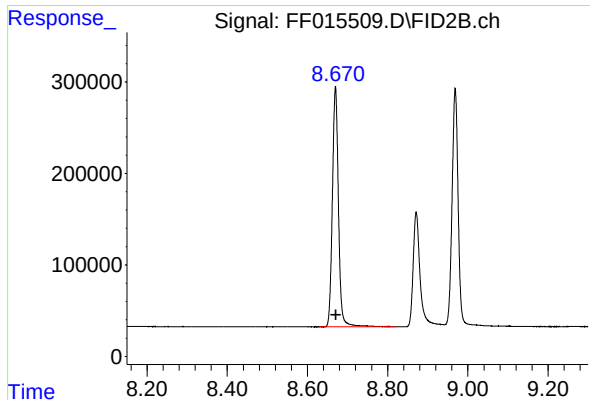
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2663741
Conc: 20.04 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2418647
Conc: 20.35 ug/ml



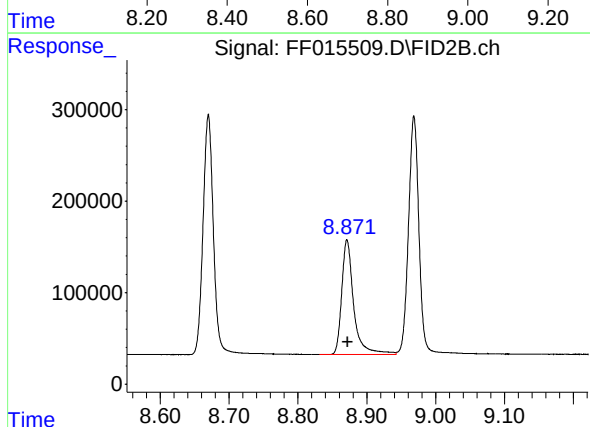
#5 Acenaphthylene (C15.06)

R.T.: 8.670 min
Delta R.T.: -0.001 min
Response: 2763909
Conc: 20.44 ug/ml

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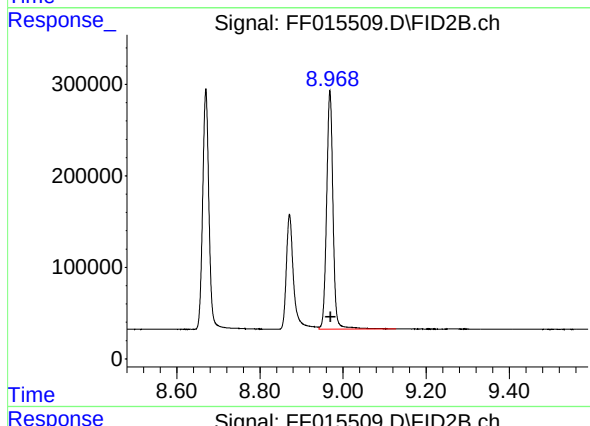
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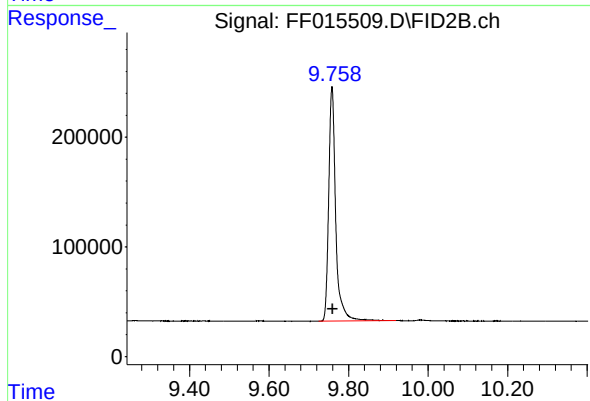
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 1509561
Conc: 19.88 ug/ml



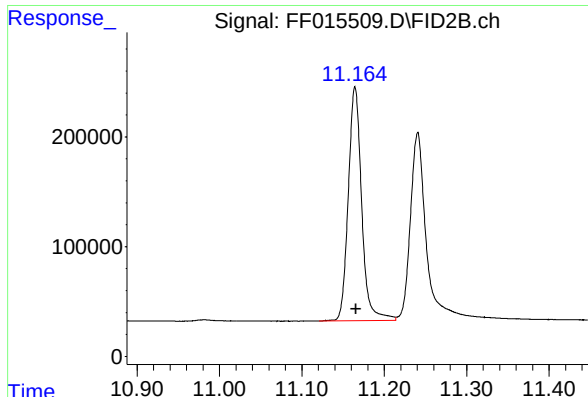
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: -0.001 min
Response: 2780193
Conc: 20.69 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.758 min
Delta R.T.: -0.002 min
Response: 2620490
Conc: 20.18 ug/ml



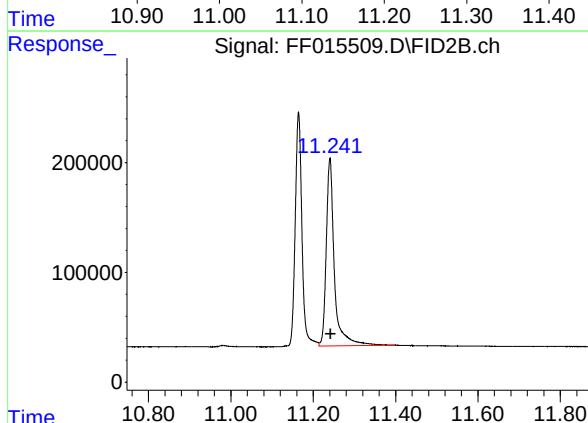
#9 Phenanthrene (C19.36)

R.T.: 11.165 min
Delta R.T.: -0.001 min
Response: 2409630
Conc: 19.85 ug/ml

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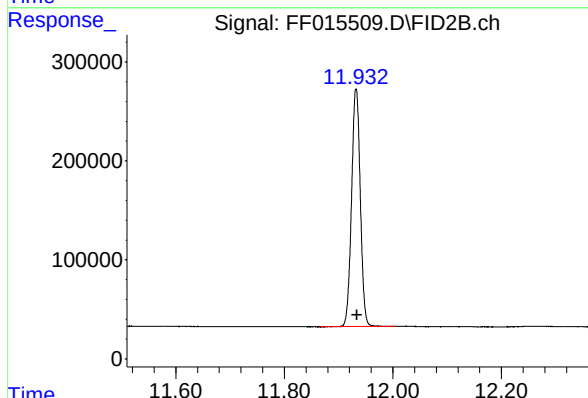
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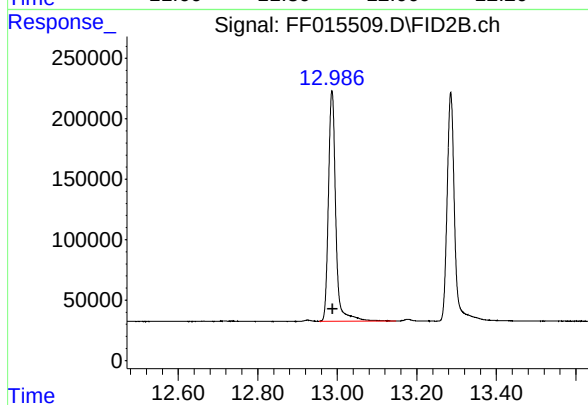
#10 Anthracene (C19.43)

R.T.: 11.241 min
Delta R.T.: -0.001 min
Response: 2363732
Conc: 19.72 ug/ml



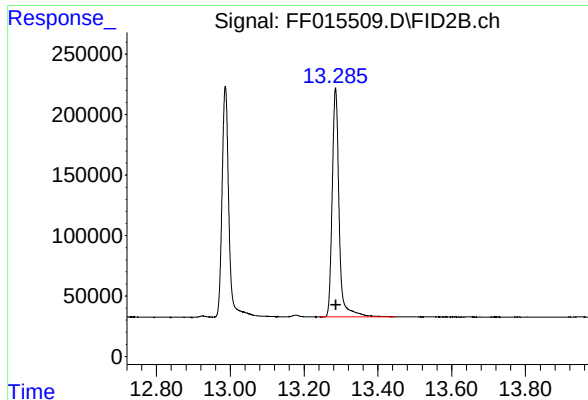
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.002 min
Response: 2687564
Conc: 20.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.987 min
Delta R.T.: -0.002 min
Response: 2442268
Conc: 20.08 ug/ml



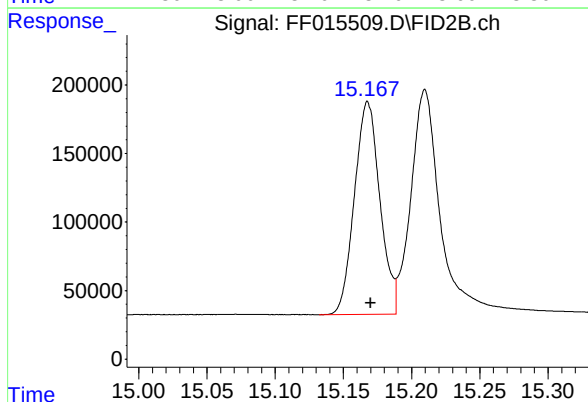
#13 Pyrene (C20.8)

R.T.: 13.285 min
Delta R.T.: -0.002 min
Response: 2464814
Conc: 20.25 ug/ml

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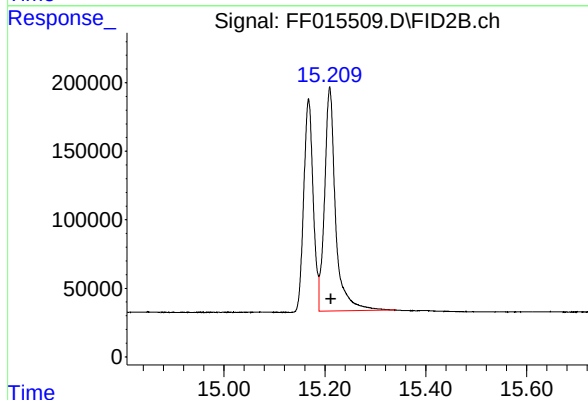
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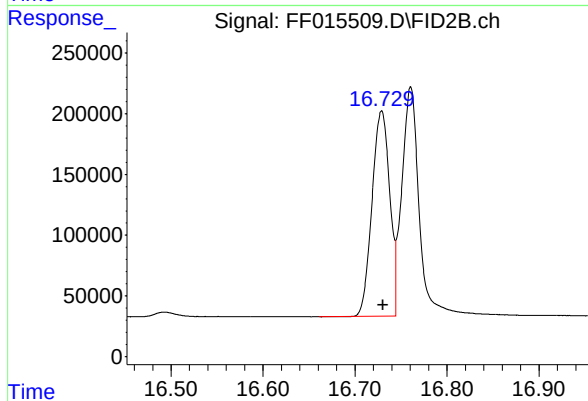
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.167 min
Delta R.T.: -0.003 min
Response: 2022351
Conc: 18.55 ug/ml



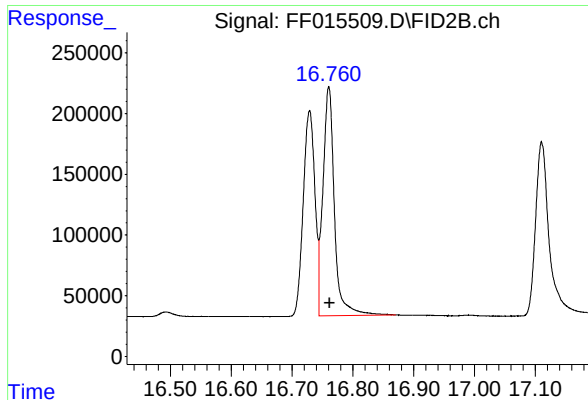
#15 Chrysene (C27.41)

R.T.: 15.210 min
Delta R.T.: -0.002 min
Response: 2485727
Conc: 20.85 ug/ml



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

R.T.: 16.729 min
Delta R.T.: -0.002 min
Response: 2257432
Conc: 19.56 ug/ml



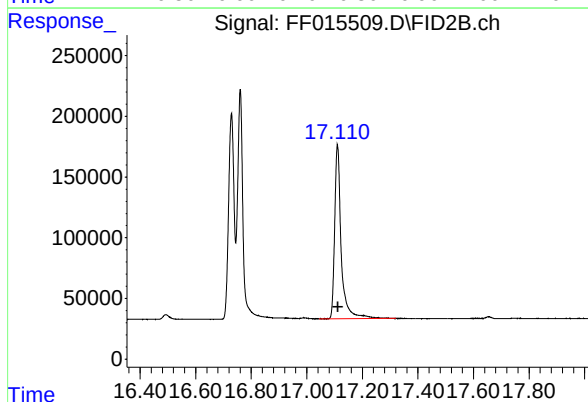
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.760 min
Delta R.T.: -0.001 min
Response: 2480762
Conc: 20.54 ug/ml

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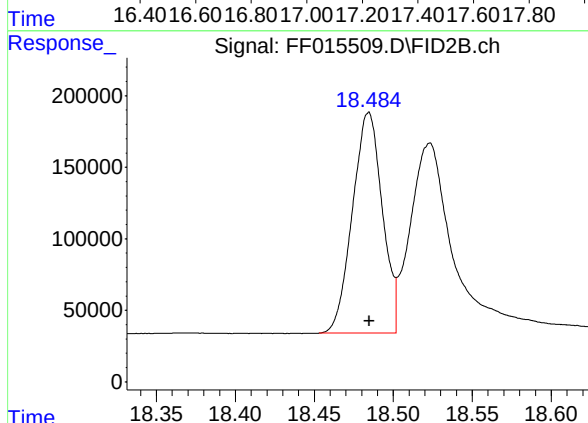
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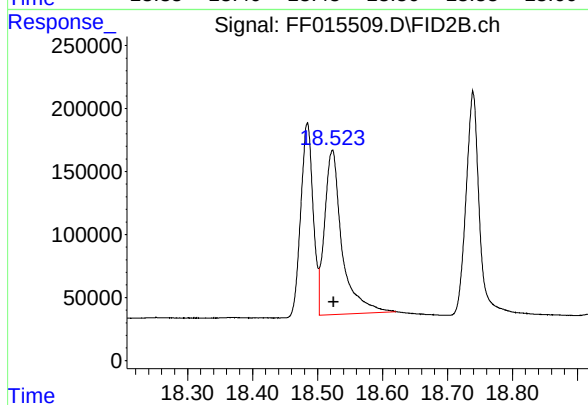
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: -0.002 min
Response: 2345875
Conc: 20.91 ug/ml



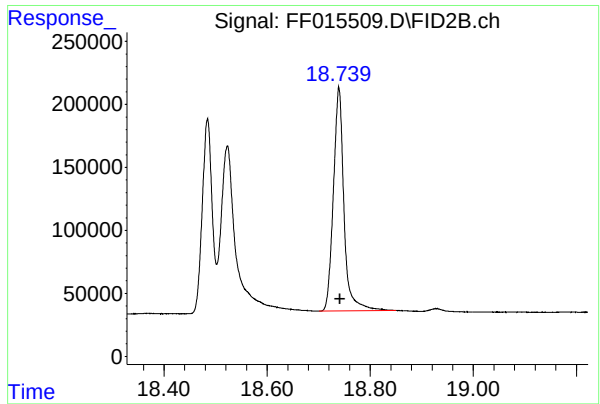
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.000 min
Response: 2025179
Conc: 18.37 ug/ml m



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

R.T.: 18.523 min
Delta R.T.: -0.002 min
Response: 2445694
Conc: 19.81 ug/ml



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

R.T.: 18.739 min
Delta R.T.: -0.002 min
Response: 2537252
Conc: 19.82 ug/ml

Instrument :

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