

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021025AR\
 Data File : FF015516.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 11:14
 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 02/11/2025
 Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e
 Quant Time: Feb 11 02:34:10 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	2656053	22.347 ug/ml
Spiked Amount 50.000		Recovery =	44.69%
6) S 2-Fluorobiphenyl (SURR)	8.871	1644575	21.656 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.31%
11) S ortho-Terphenyl (SURR)	11.933	2963173	22.468 ug/ml
Spiked Amount 50.000		Recovery =	44.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	3094165	22.340 ug/ml
2) T Naphthalene (C11.7)	6.275	3045160	22.108 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2909420	21.887 ug/ml
5) T Acenaphthylene (C15.06)	8.670	3020819	22.341 ug/ml
7) T Acenaphthene (C15.5)	8.969	3035097	22.591 ug/ml
8) T Fluorene (C16.55)	9.758	2865104	22.062 ug/ml
9) T Phenanthrene (C19.36)	11.165	2645984	21.798 ug/ml
10) T Anthracene (C19.43)	11.240	2557282	21.336 ug/ml
12) T Fluoranthene (C21.85)	12.987	2719698	22.360 ug/ml
13) T Pyrene (C20.8)	13.285	2738396	22.502 ug/ml
14) T Benzo[a]anthracene (C...	15.168	2212855	20.292 ug/ml
15) T Chrysene (C27.41)	15.210	2697920	22.627 ug/ml
16) T benzo[b]fluoranthene ...	16.729	2511379	21.758 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	2717434	22.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	2474330	22.053 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	2136963	19.386 ug/mlm
20) T Dibenz[a,h]anthracene...	18.522	2915256	23.619 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.739	2776504	21.688 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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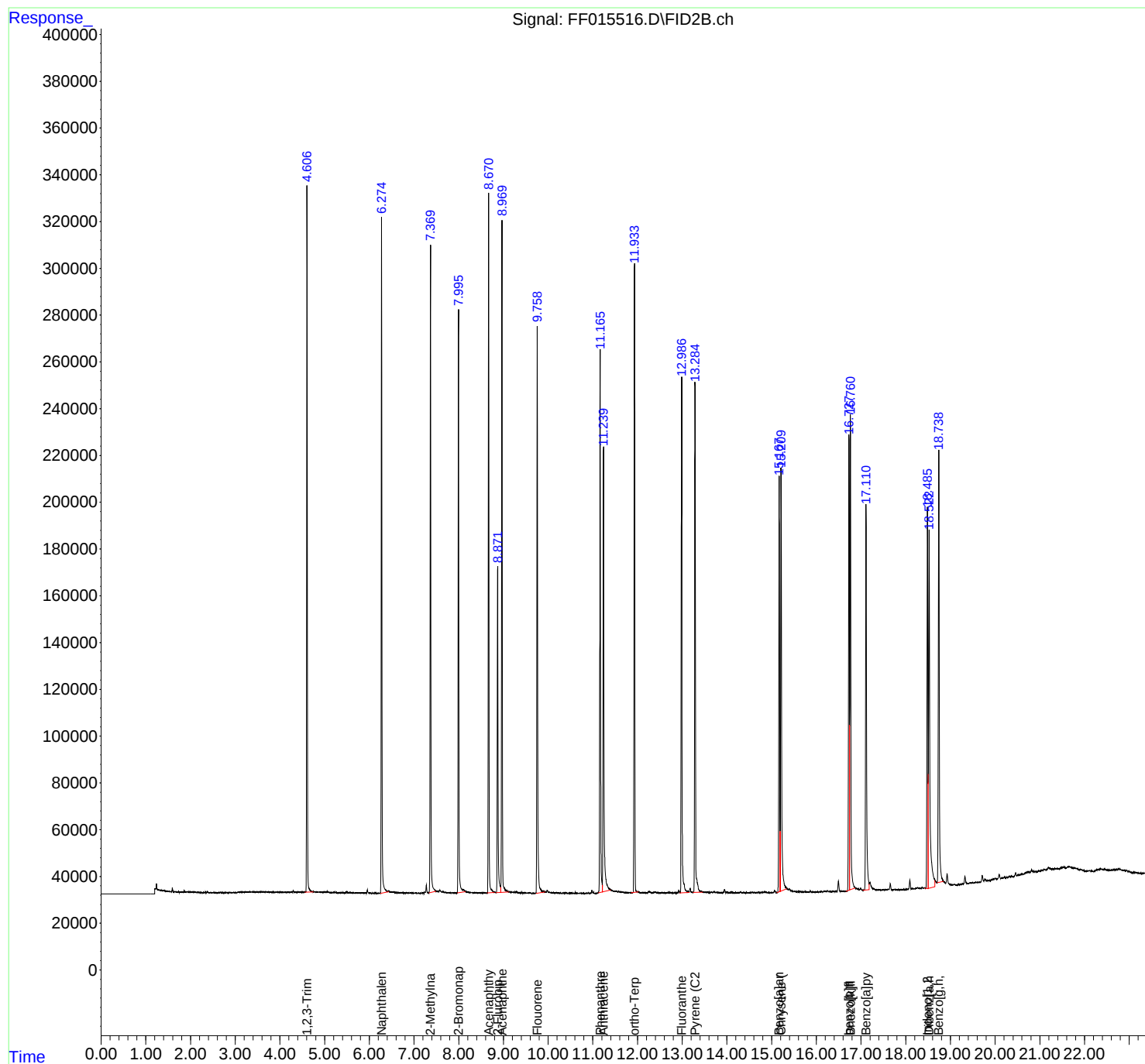
Instrument :
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20 PPM AROMATIC HC STD

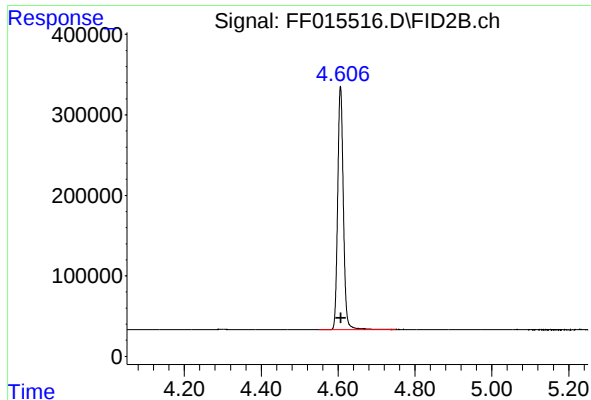
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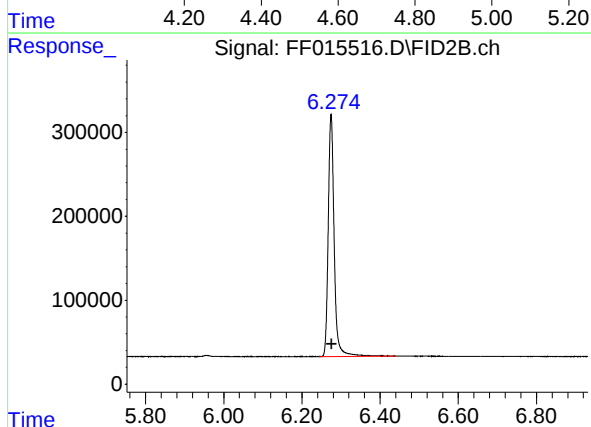
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 3094165
Conc: 22.34 ug/ml

Instrument : FID_F
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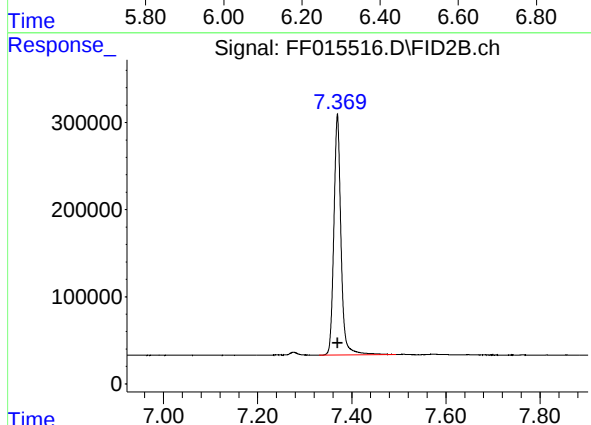
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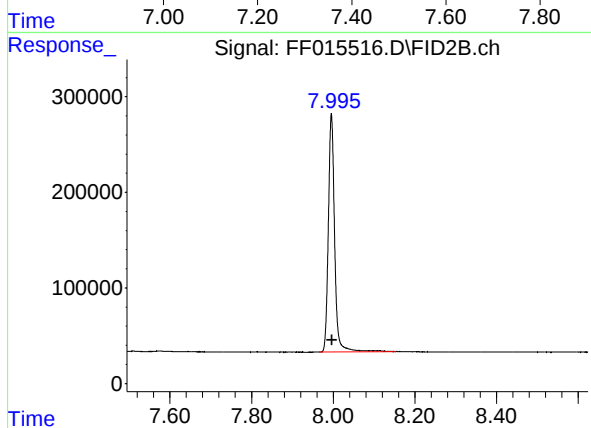
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 3045160
Conc: 22.11 ug/ml



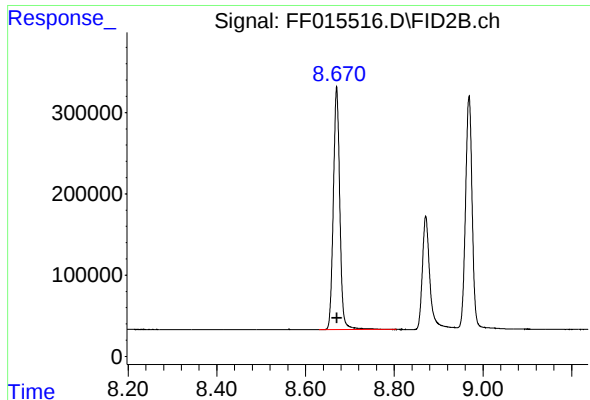
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2909420
Conc: 21.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2656053
Conc: 22.35 ug/ml



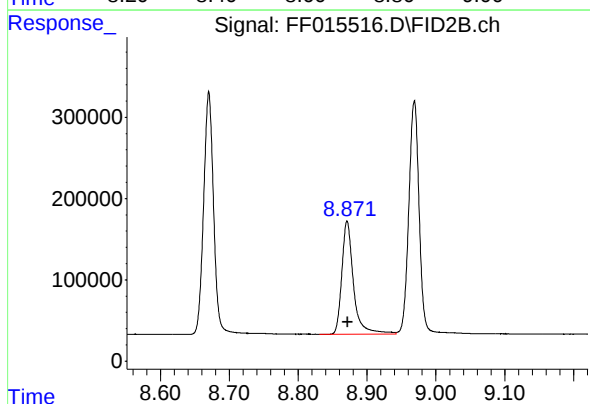
#5 Acenaphthylene (C15.06)

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 3020819
Conc: 22.34 ug/ml

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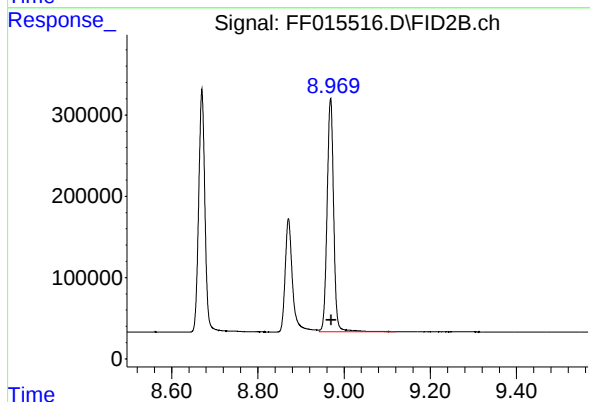
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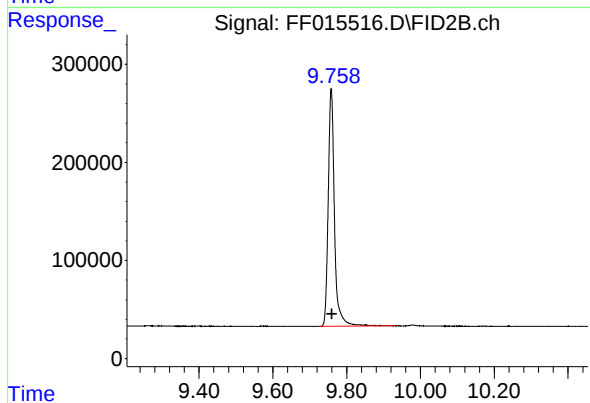
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 1644575
Conc: 21.66 ug/ml



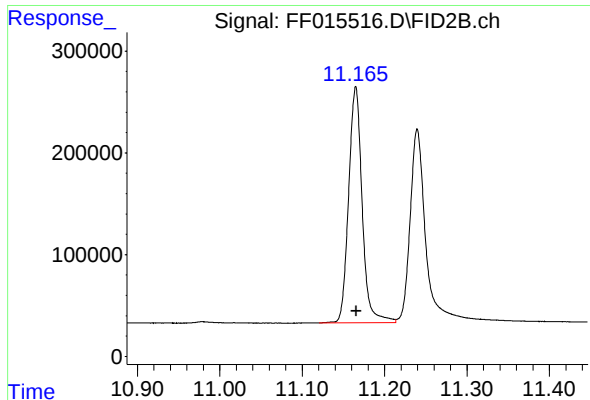
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: -0.001 min
Response: 3035097
Conc: 22.59 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.758 min
Delta R.T.: -0.002 min
Response: 2865104
Conc: 22.06 ug/ml



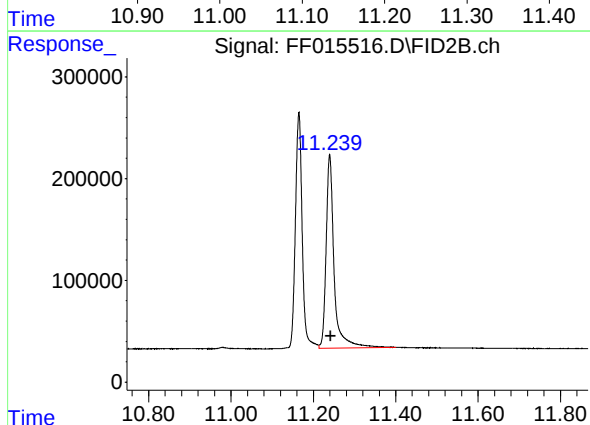
#9 Phenanthrene (C19.36)

R.T.: 11.165 min
Delta R.T.: 0.000 min
Response: 2645984
Conc: 21.80 ug/ml

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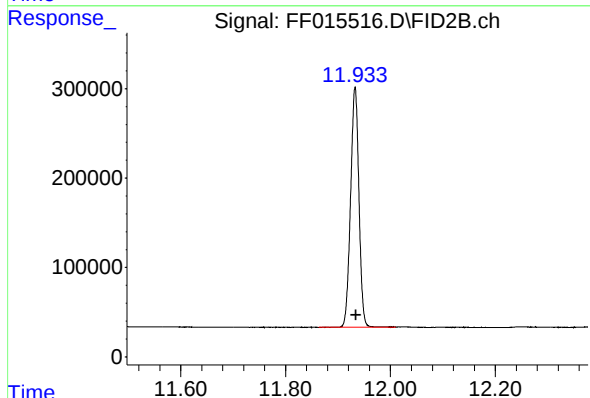
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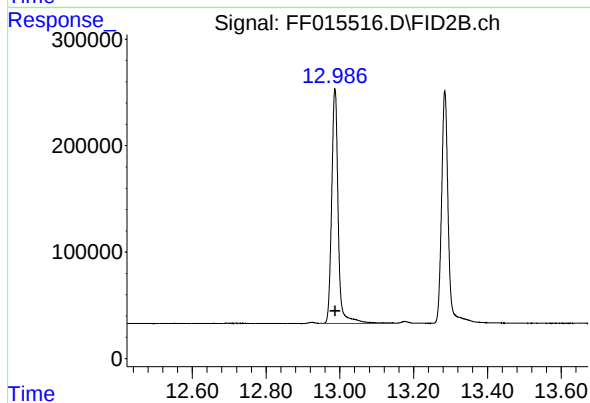
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: -0.002 min
Response: 2557282
Conc: 21.34 ug/ml



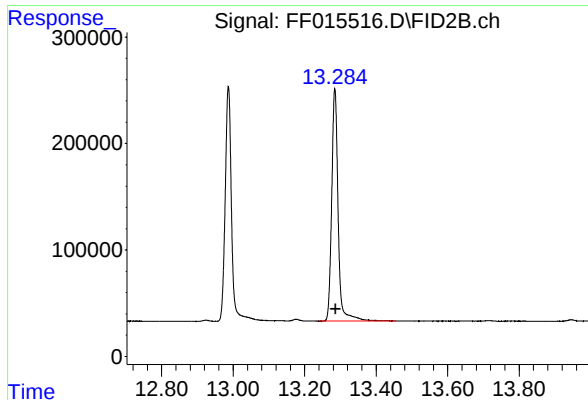
#11 ortho-Terphenyl (SURRE)

R.T.: 11.933 min
Delta R.T.: -0.001 min
Response: 2963173
Conc: 22.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.987 min
Delta R.T.: -0.002 min
Response: 2719698
Conc: 22.36 ug/ml



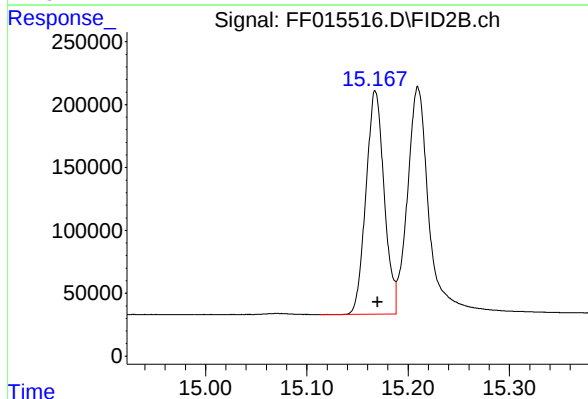
#13 Pyrene (C20.8)

R.T.: 13.285 min
Delta R.T.: -0.003 min
Response: 2738396
Conc: 22.50 ug/ml

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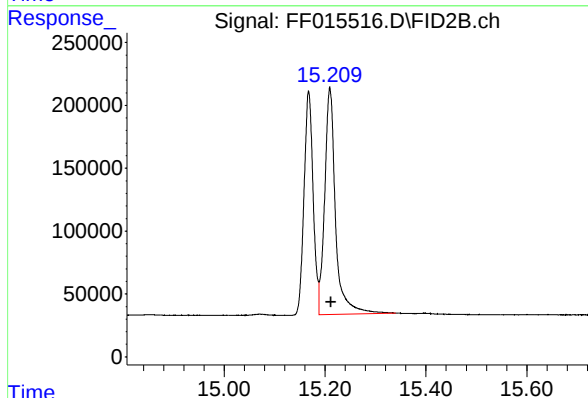
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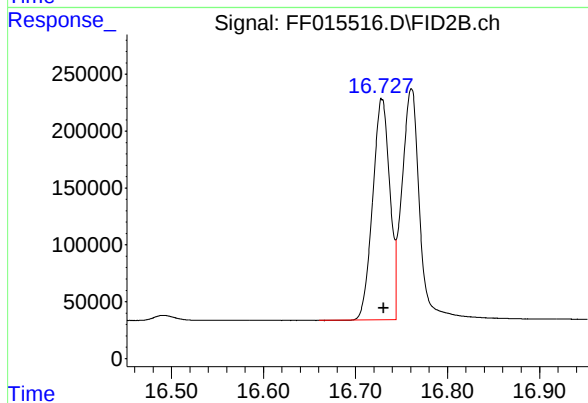
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.168 min
Delta R.T.: -0.002 min
Response: 2212855
Conc: 20.29 ug/ml



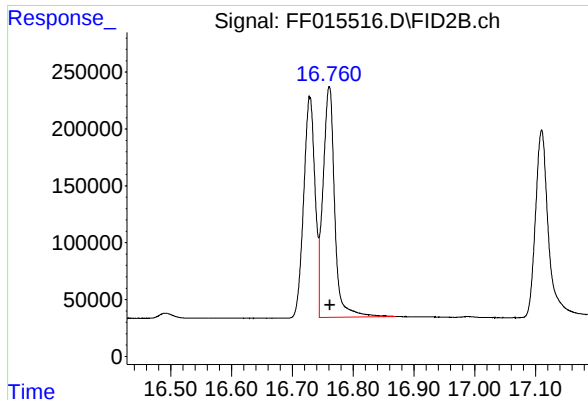
#15 Chrysene (C27.41)

R.T.: 15.210 min
Delta R.T.: -0.002 min
Response: 2697920
Conc: 22.63 ug/ml



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

R.T.: 16.729 min
Delta R.T.: -0.002 min
Response: 2511379
Conc: 21.76 ug/ml



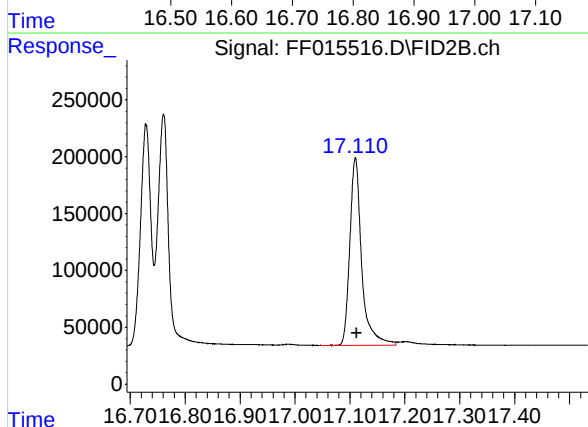
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.761 min
Delta R.T.: -0.001 min
Response: 2717434
Conc: 22.50 ug/ml

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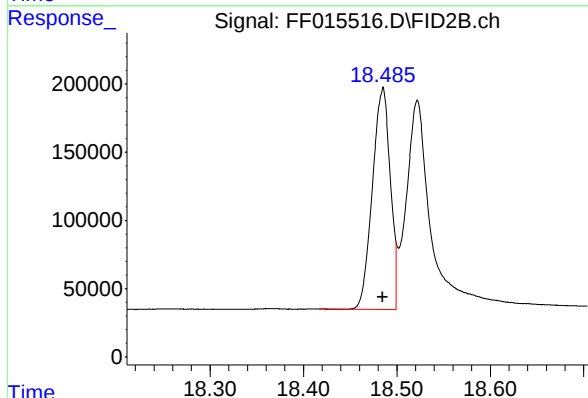
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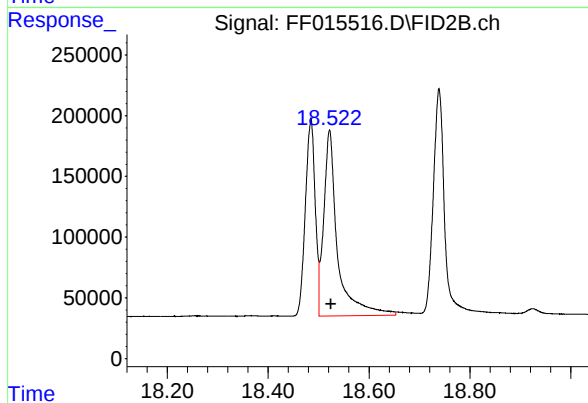
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.110 min
Delta R.T.: -0.002 min
Response: 2474330
Conc: 22.05 ug/ml



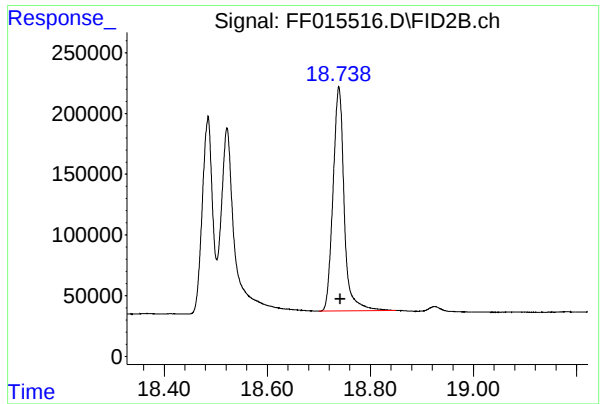
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: 0.000 min
Response: 2136963
Conc: 19.39 ug/ml m



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

R.T.: 18.522 min
Delta R.T.: -0.003 min
Response: 2915256
Conc: 23.62 ug/ml m



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

R.T.: 18.739 min
Delta R.T.: -0.002 min
Response: 2776504
Conc: 21.69 ug/ml

Instrument :

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ClientSampleId :

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