

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020725AR\
 Data File : FF015496.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 16:50
 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 00:36:36 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...	7.995	2424427	20.398 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
6) S 2-Fluorobiphenyl (SURR)	8.871	1517869	19.987 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.97%
11) S ortho-Terphenyl (SURR)	11.933	2685346	20.362 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	2771852	20.013 ug/ml
2) T Naphthalene (C11.7)	6.275	2775054	20.147 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	2667565	20.067 ug/ml
5) T Acenaphthylene (C15.06)	8.670	2764695	20.447 ug/ml
7) T Acenaphthene (C15.5)	8.969	2758704	20.534 ug/ml
8) T Flouorene (C16.55)	9.759	2627636	20.233 ug/ml
9) T Phenanthrene (C19.36)	11.165	2426239	19.988 ug/ml
10) T Anthracene (C19.43)	11.240	2392686	19.963 ug/ml
12) T Fluoranthene (C21.85)	12.987	2451768	20.157 ug/ml
13) T Pyrene (C20.8)	13.285	2474747	20.336 ug/ml
14) T Benzo[a]anthracene (C...	15.168	2033010	18.643 ug/ml
15) T Chrysene (C27.41)	15.210	2503254	20.994 ug/ml
16) T benzo[b]fluoranthene ...	16.728	2252033	19.511 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	2490028	20.619 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	2335622	20.816 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	2073231	18.808 ug/mlm
20) T Dibenz[a,h]anthracene...	18.523	2512488	20.356 ug/ml
21) T Benzo[g,h,i]perylene ...	18.739	2523931	19.715 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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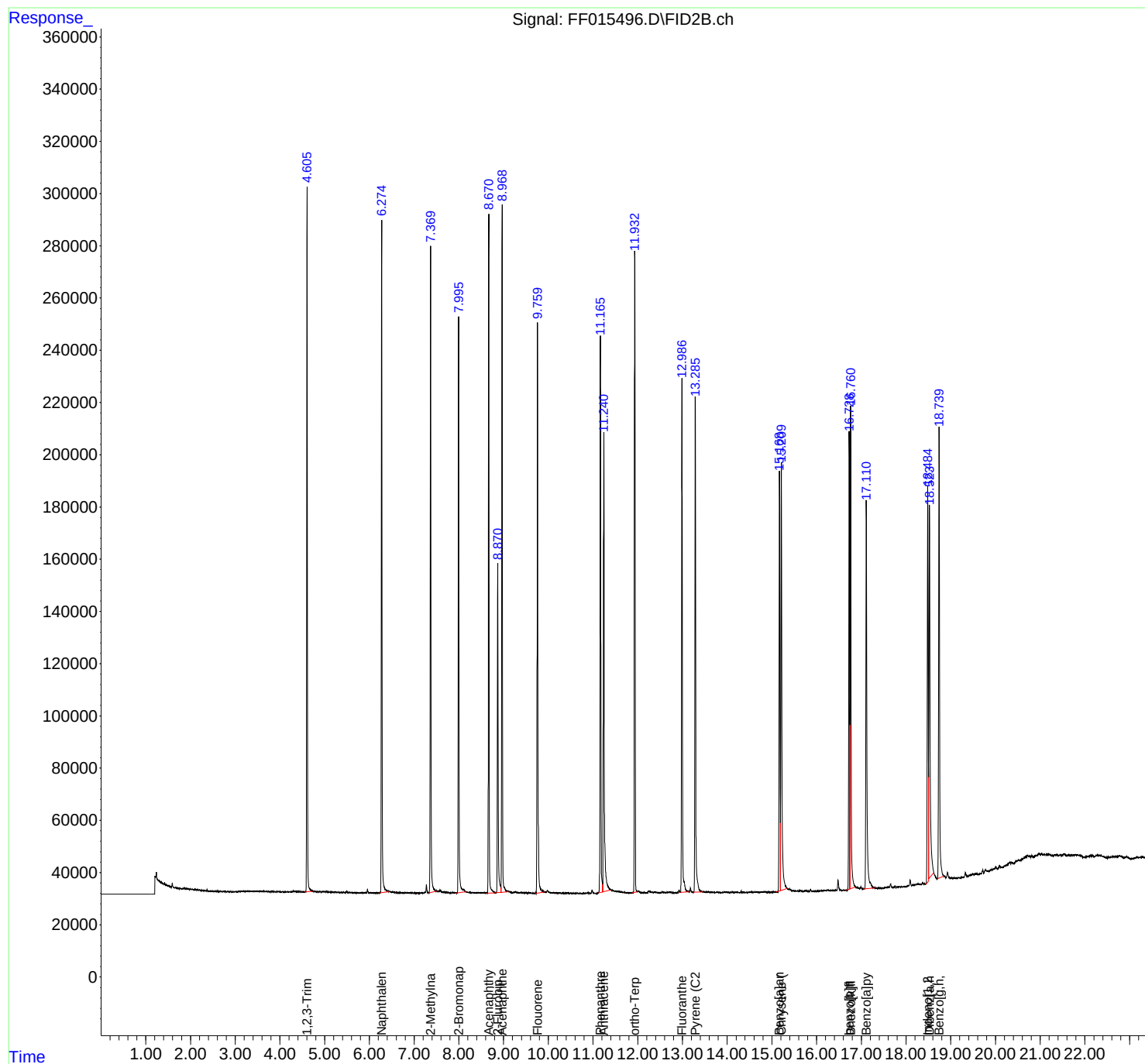
Instrument :
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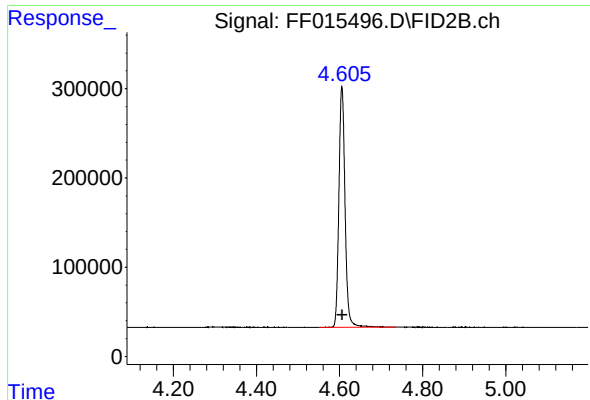
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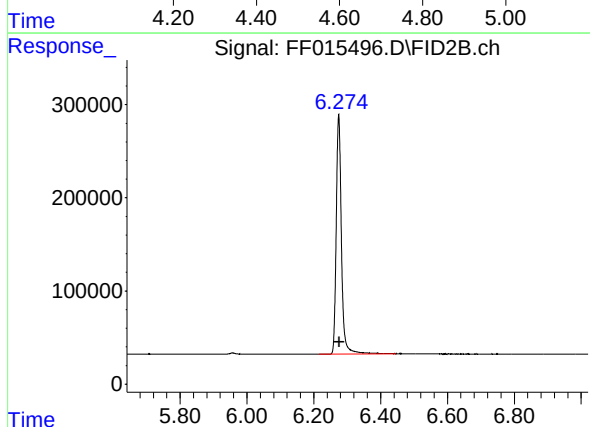
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.606 min
Delta R.T.: -0.001 min
Response: 2771852
Conc: 20.01 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD

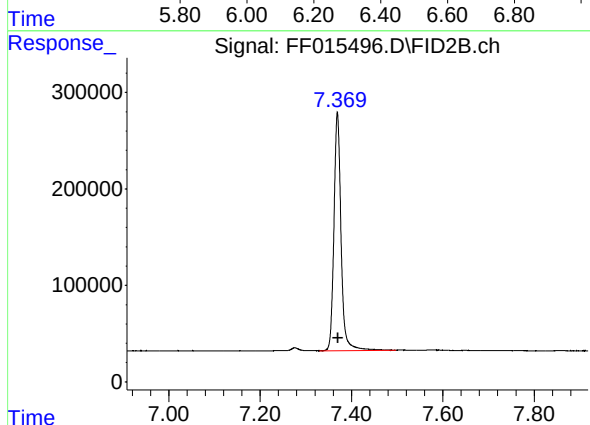
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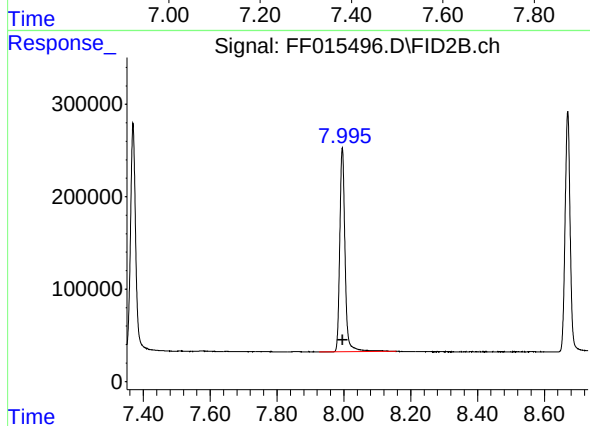
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 2775054
Conc: 20.15 ug/ml



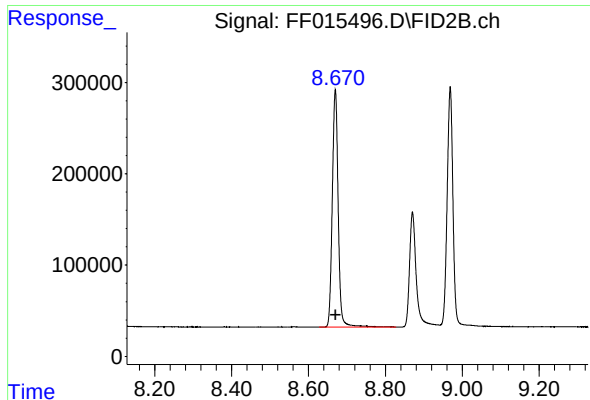
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 2667565
Conc: 20.07 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 2424427
Conc: 20.40 ug/ml



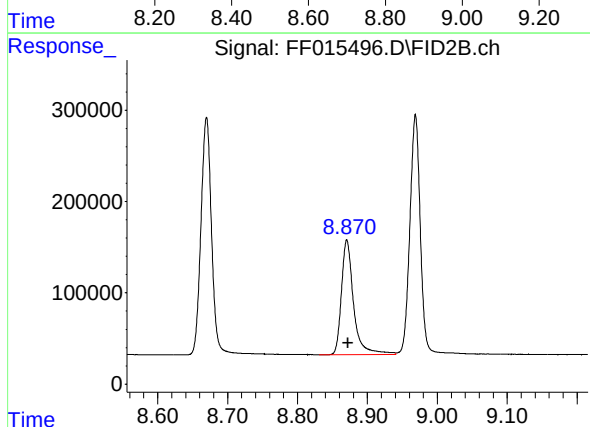
#5 Acenaphthylene (C15.06)

R.T.: 8.670 min
Delta R.T.: -0.001 min
Response: 2764695
Conc: 20.45 ug/ml

Instrument :
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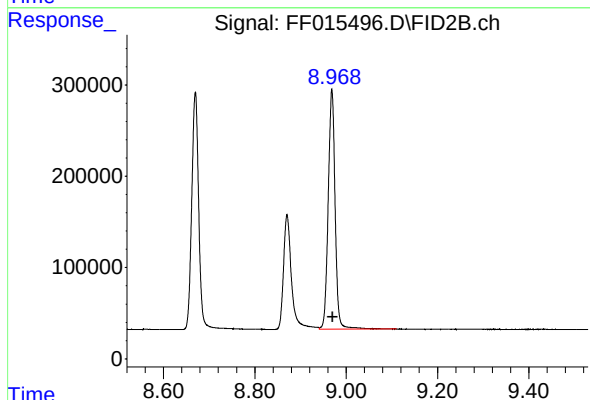
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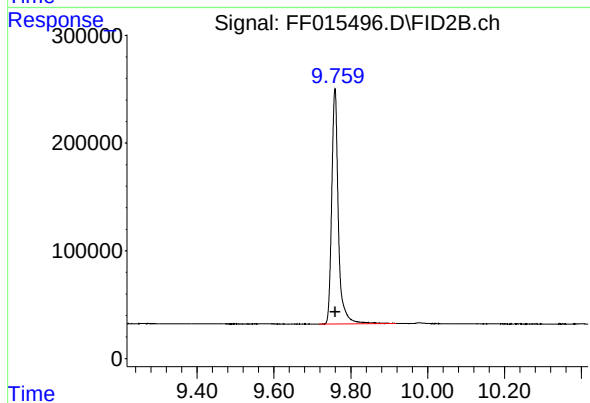
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: -0.001 min
Response: 1517869
Conc: 19.99 ug/ml



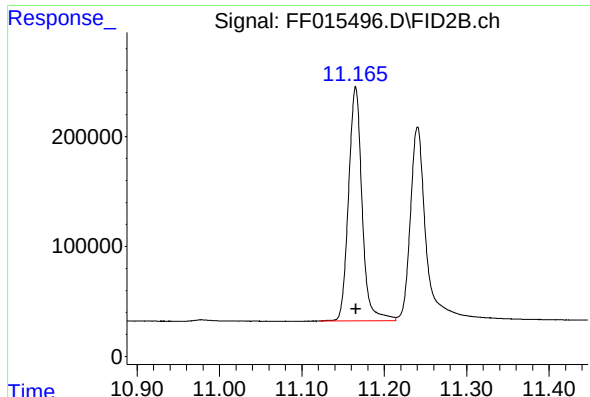
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: -0.001 min
Response: 2758704
Conc: 20.53 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.759 min
Delta R.T.: -0.001 min
Response: 2627636
Conc: 20.23 ug/ml



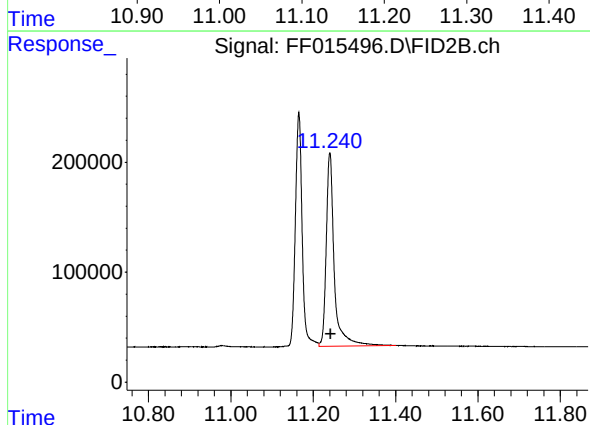
#9 Phenanthrene (C19.36)

R.T.: 11.165 min
Delta R.T.: 0.000 min
Response: 2426239
Conc: 19.99 ug/ml

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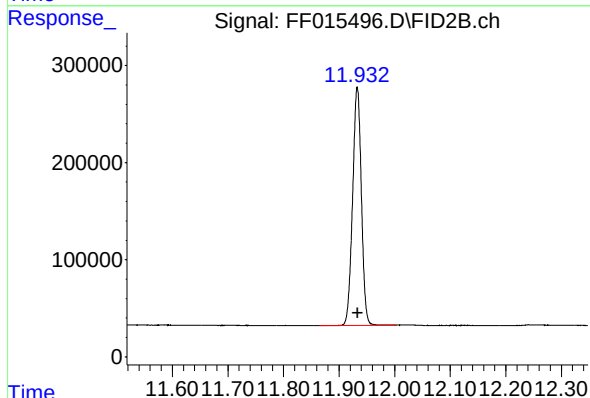
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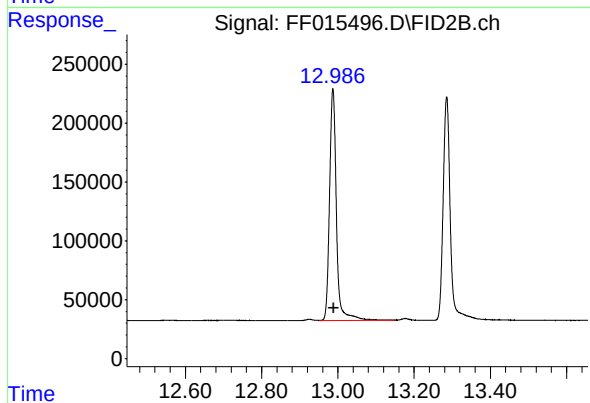
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: -0.002 min
Response: 2392686
Conc: 19.96 ug/ml



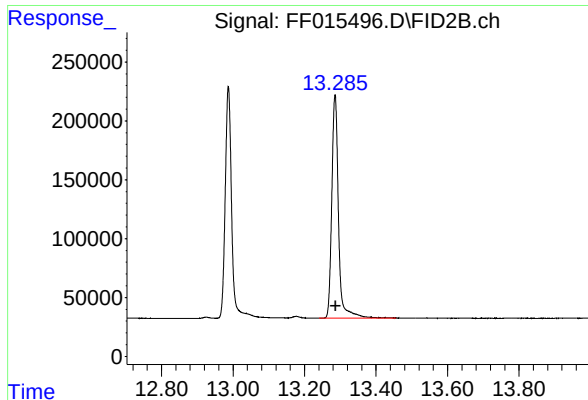
#11 ortho-Terphenyl (SURRE)

R.T.: 11.933 min
Delta R.T.: -0.001 min
Response: 2685346
Conc: 20.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.987 min
Delta R.T.: -0.001 min
Response: 2451768
Conc: 20.16 ug/ml



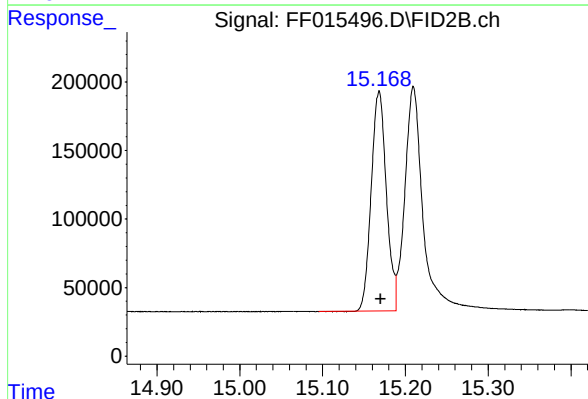
#13 Pyrene (C20.8)

R.T.: 13.285 min
Delta R.T.: -0.002 min
Response: 2474747
Conc: 20.34 ug/ml

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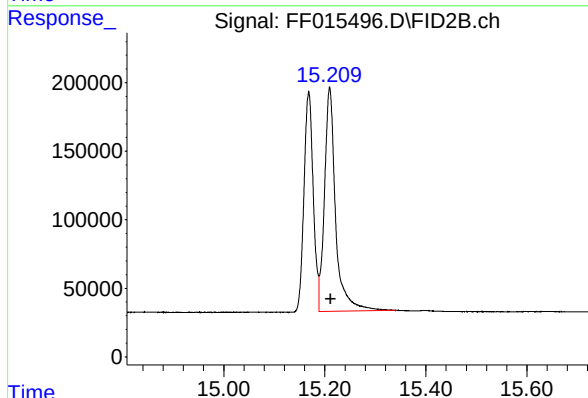
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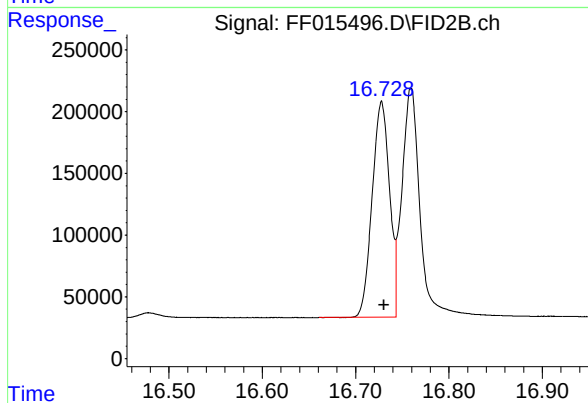
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.168 min
Delta R.T.: -0.002 min
Response: 2033010
Conc: 18.64 ug/ml



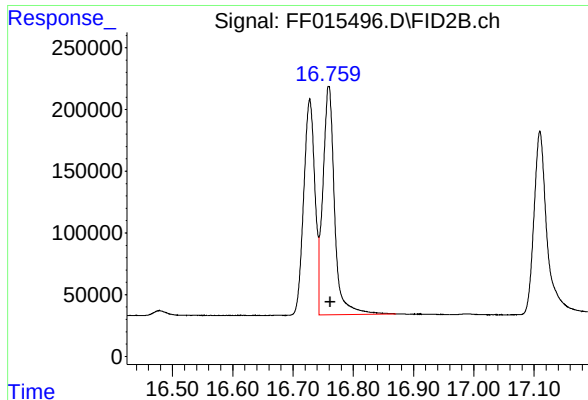
#15 Chrysene (C27.41)

R.T.: 15.210 min
Delta R.T.: -0.002 min
Response: 2503254
Conc: 20.99 ug/ml



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

R.T.: 16.728 min
Delta R.T.: -0.003 min
Response: 2252033
Conc: 19.51 ug/ml



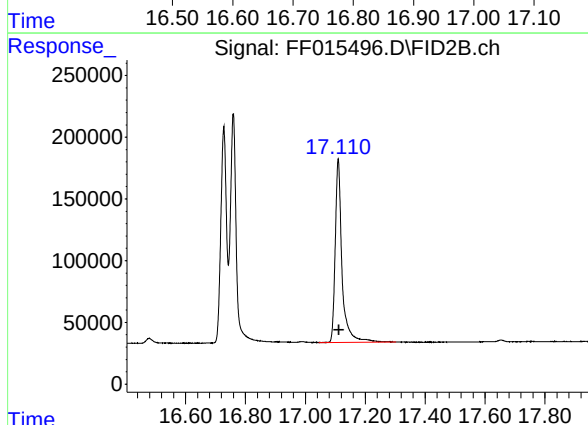
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.759 min
Delta R.T.: -0.002 min
Response: 2490028
Conc: 20.62 ug/ml

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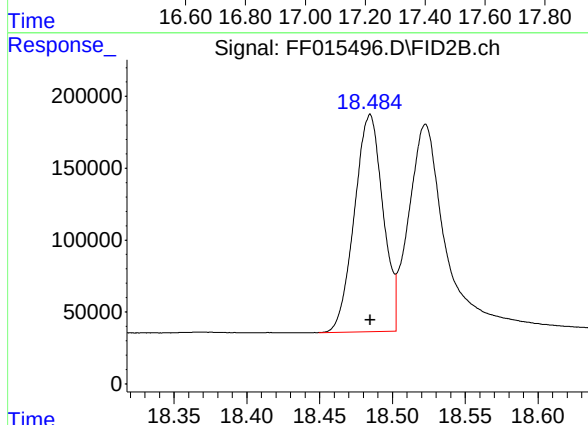
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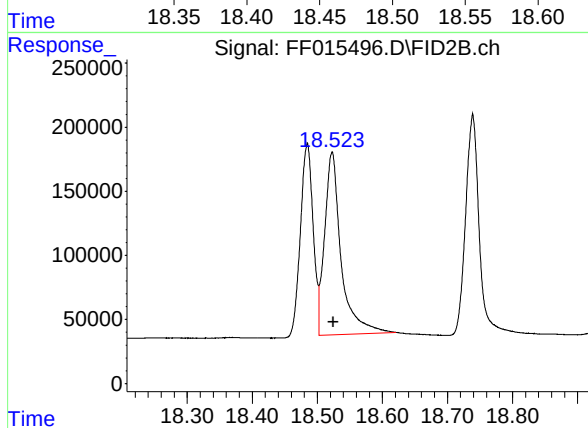
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.110 min
Delta R.T.: -0.002 min
Response: 2335622
Conc: 20.82 ug/ml



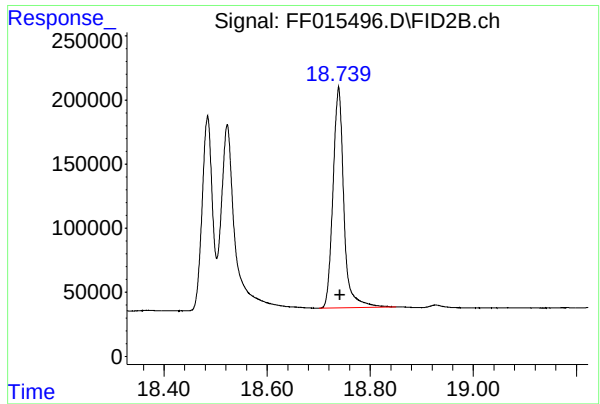
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.000 min
Response: 2073231
Conc: 18.81 ug/ml m



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

R.T.: 18.523 min
Delta R.T.: -0.002 min
Response: 2512488
Conc: 20.36 ug/ml



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

R.T.: 18.739 min
Delta R.T.: -0.003 min
Response: 2523931
Conc: 19.71 ug/ml

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