

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120925AR\
 Data File : FF016872.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2025 11:58
 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 :Rahul Chavli 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 03:40:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 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...	8.000	2161494	18.851 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
6) S 2-Fluorobiphenyl (SURR)	8.876	1359703	19.183 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.37%
11) S ortho-Terphenyl (SURR)	11.942	2767492	18.807 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.595	2531825	18.427 ug/ml
2) T Naphthalene (C11.7)	6.270	2555492	18.790 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2559561	18.911 ug/ml
5) T Acenaphthylene (C15.06)	8.675	2573711	18.815 ug/ml
7) T Acenaphthene (C15.5)	8.974	2634586	18.358 ug/ml
8) T Flouorene (C16.55)	9.764	2518500	18.972 ug/ml
9) T Phenanthrene (C19.36)	11.172	2509514	19.323 ug/ml
10) T Anthracene (C19.43)	11.248	2574804	20.235 ug/ml
12) T Fluoranthene (C21.85)	12.996	2574968	19.619 ug/ml
13) T Pyrene (C20.8)	13.295	2464736	18.715 ug/ml
14) T Benzo[a]anthracene (C...	15.180	2177534	20.229 ug/ml
15) T Chrysene (C27.41)	15.223	2525716	18.255 ug/ml
16) T benzo[b]fluoranthene ...	16.744	2097761	17.761 ug/ml
17) T Bnezo[k]fluoranthene ...	16.776	2176259	16.886 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.125	2045954	17.009 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.503	1638472	16.570 ug/ml
20) T Dibenz[a,h]anthracene...	18.540	2245105	14.216 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.757	1985115	15.629 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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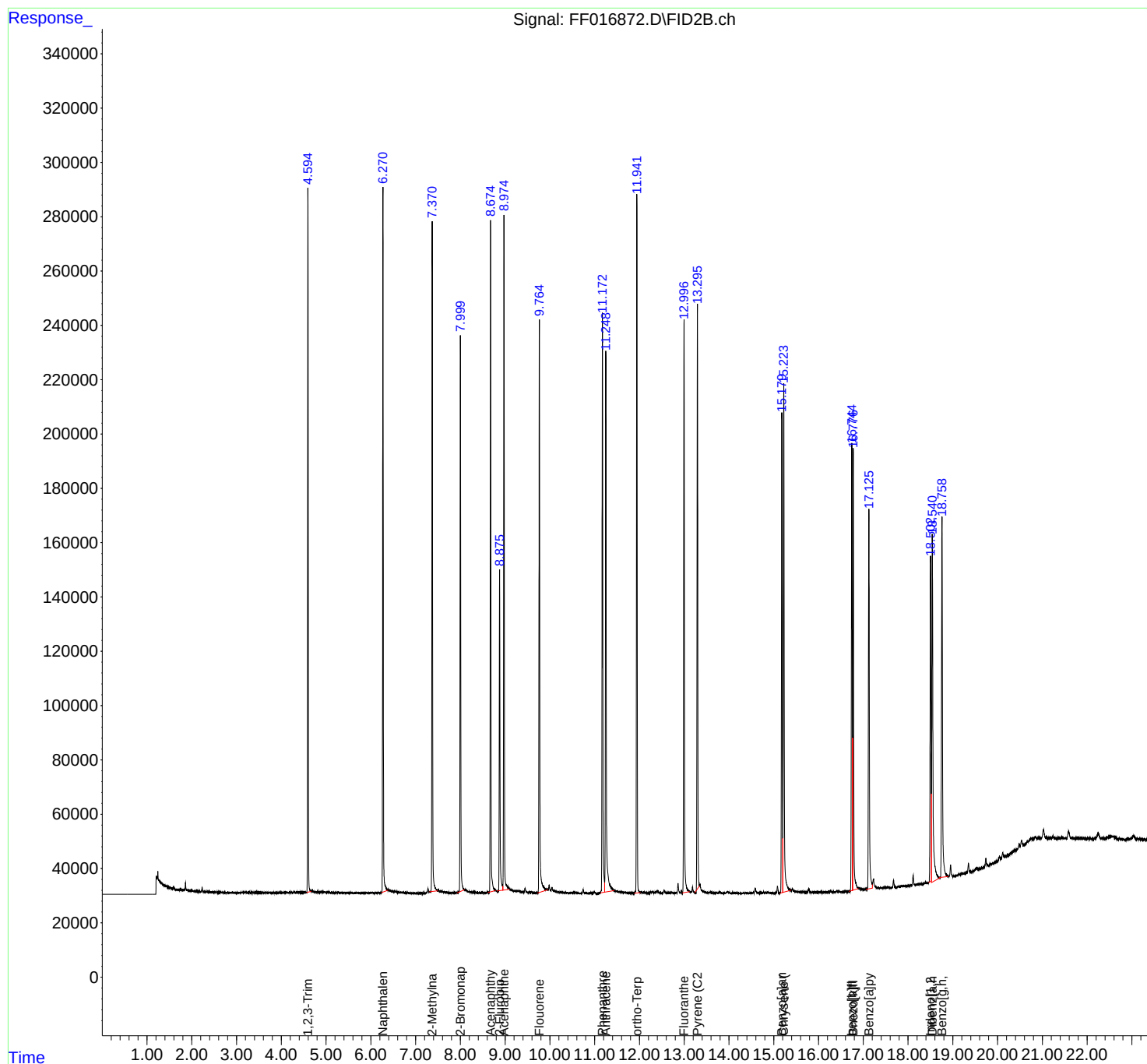
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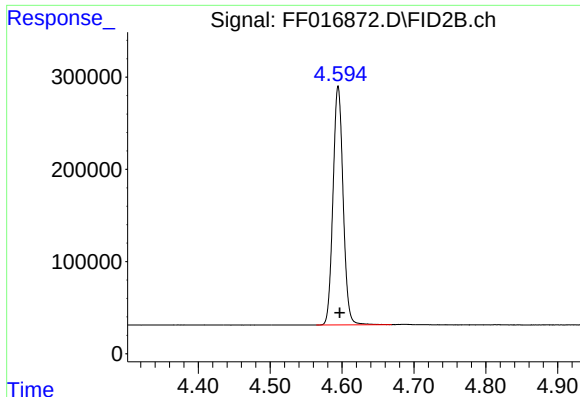
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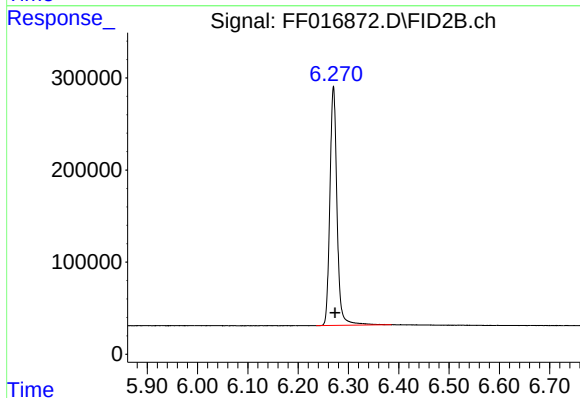
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.595 min
Delta R.T.: -0.002 min
Response: 2531825
Conc: 18.43 ug/ml

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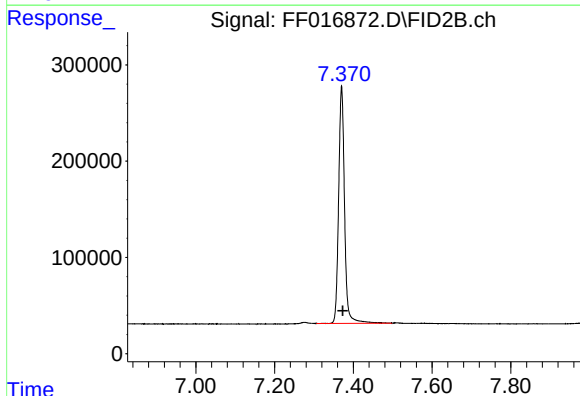
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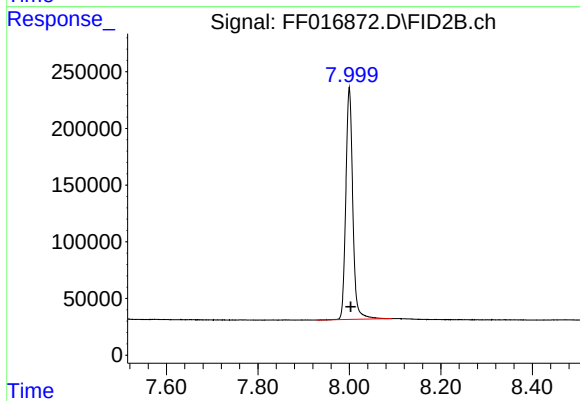
#2 Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 2555492
Conc: 18.79 ug/ml



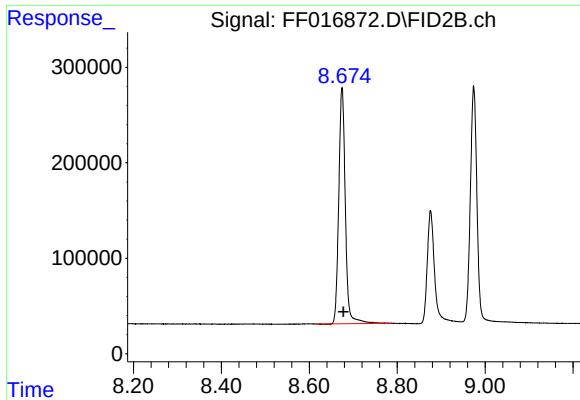
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: -0.003 min
Response: 2559561
Conc: 18.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.000 min
Delta R.T.: -0.003 min
Response: 2161494
Conc: 18.85 ug/ml



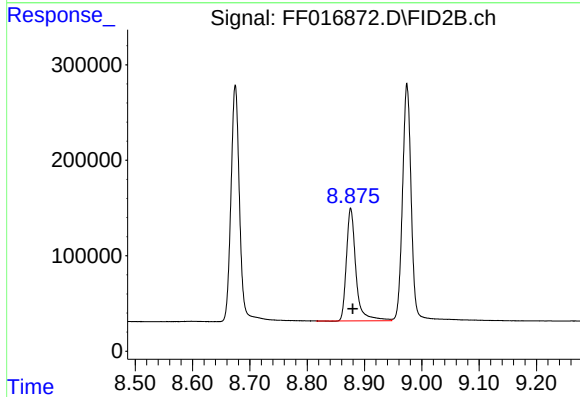
#5 Acenaphthylene (C15.06)

R.T.: 8.675 min
Delta R.T.: -0.003 min
Response: 2573711
Conc: 18.82 ug/ml

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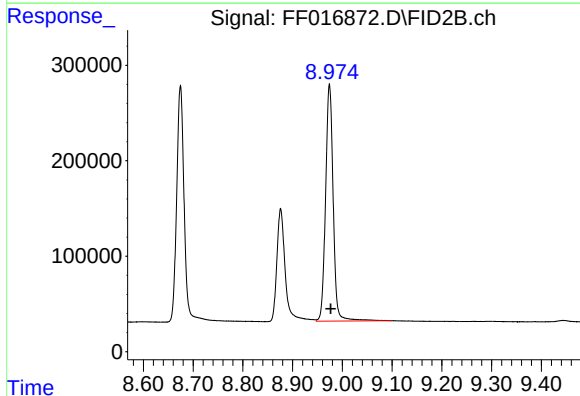
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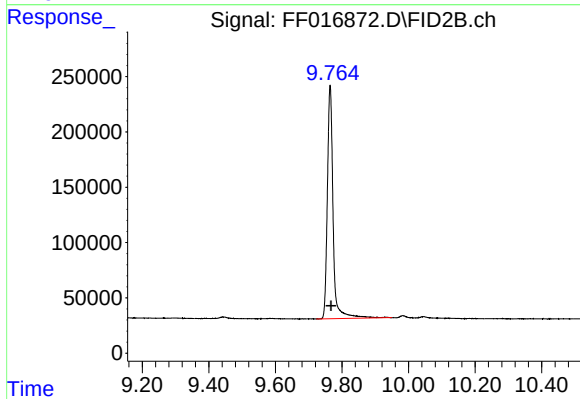
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: -0.003 min
Response: 1359703
Conc: 19.18 ug/ml



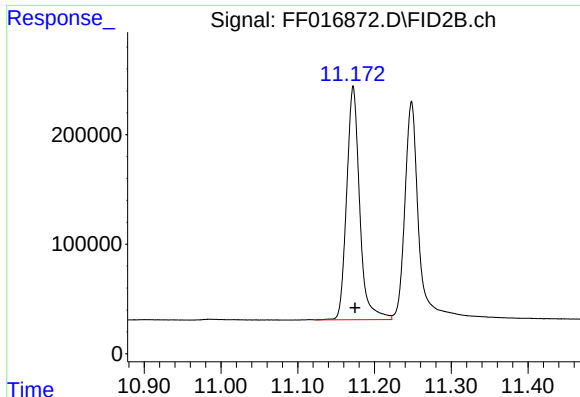
#7 Acenaphthene (C15.5)

R.T.: 8.974 min
Delta R.T.: -0.003 min
Response: 2634586
Conc: 18.36 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.764 min
Delta R.T.: -0.003 min
Response: 2518500
Conc: 18.97 ug/ml



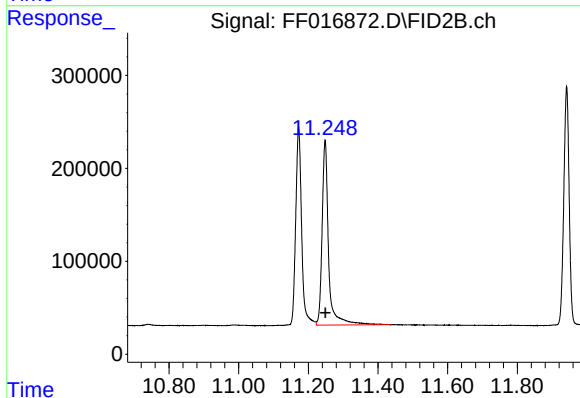
#9 Phenanthrene (C19.36)

R.T.: 11.172 min
Delta R.T.: -0.002 min
Response: 2509514
Conc: 19.32 ug/ml

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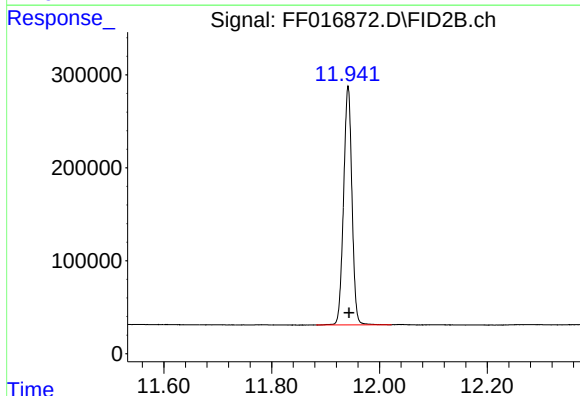
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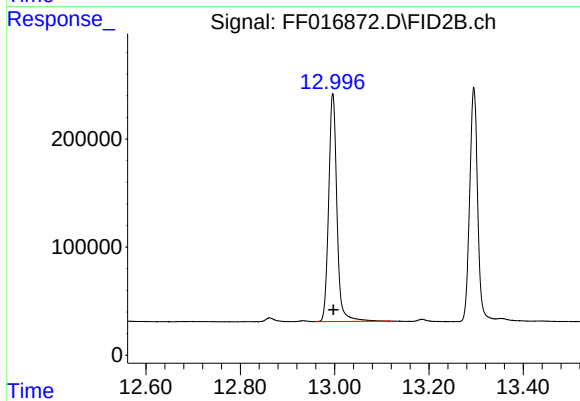
#10 Anthracene (C19.43)

R.T.: 11.248 min
Delta R.T.: -0.001 min
Response: 2574804
Conc: 20.23 ug/ml



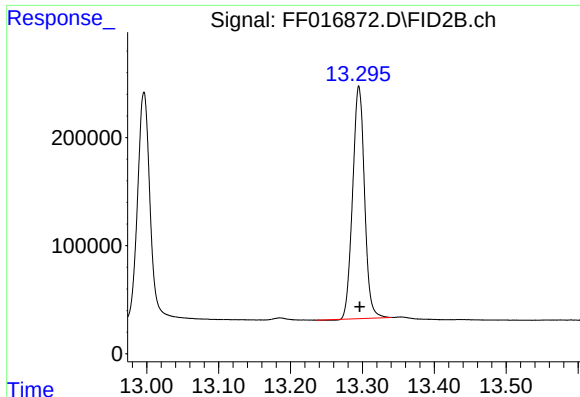
#11 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.002 min
Response: 2767492
Conc: 18.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.996 min
Delta R.T.: -0.002 min
Response: 2574968
Conc: 19.62 ug/ml



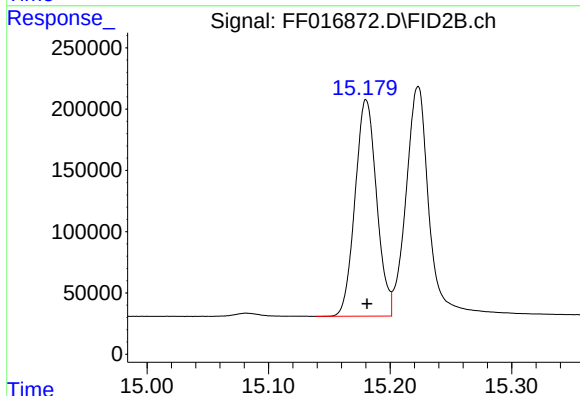
#13 Pyrene (C20.8)

R.T.: 13.295 min
Delta R.T.: -0.001 min
Response: 2464736
Conc: 18.71 ug/ml

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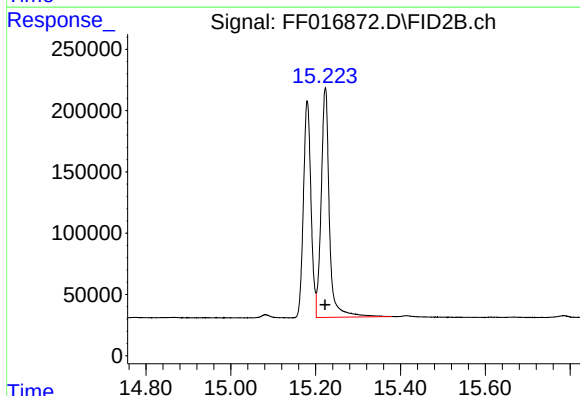
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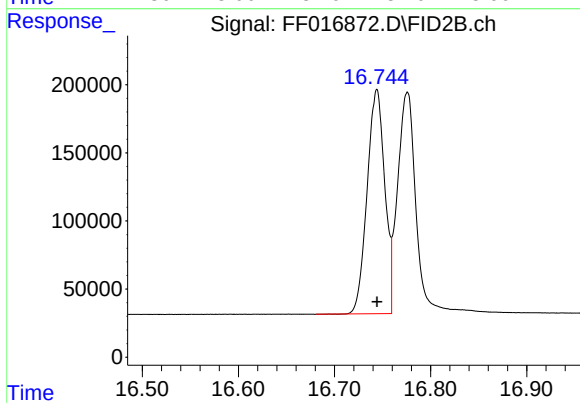
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.180 min
Delta R.T.: 0.000 min
Response: 2177534
Conc: 20.23 ug/ml



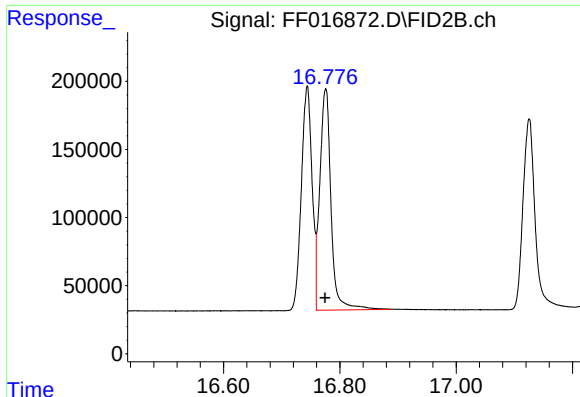
#15 Chrysene (C27.41)

R.T.: 15.223 min
Delta R.T.: 0.000 min
Response: 2525716
Conc: 18.26 ug/ml



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

R.T.: 16.744 min
Delta R.T.: 0.000 min
Response: 2097761
Conc: 17.76 ug/ml



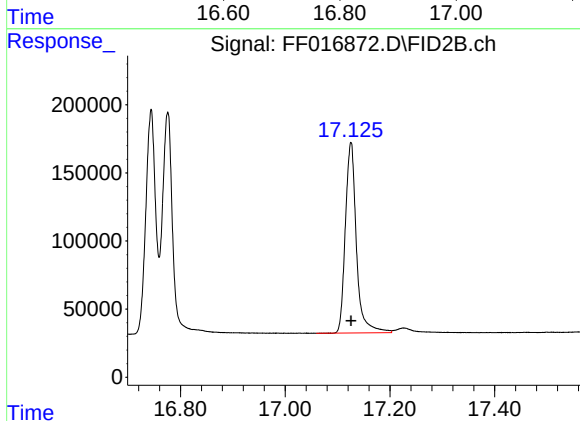
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.776 min
Delta R.T.: 0.000 min
Response: 2176259
Conc: 16.89 ug/ml

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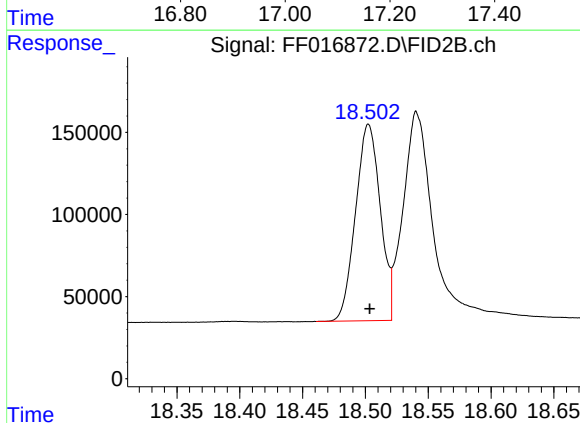
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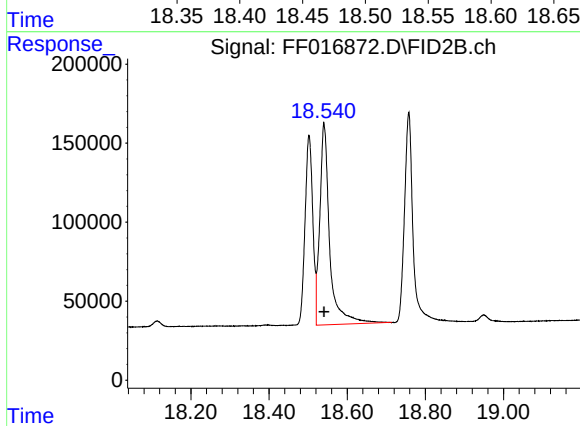
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.125 min
Delta R.T.: 0.000 min
Response: 2045954
Conc: 17.01 ug/ml



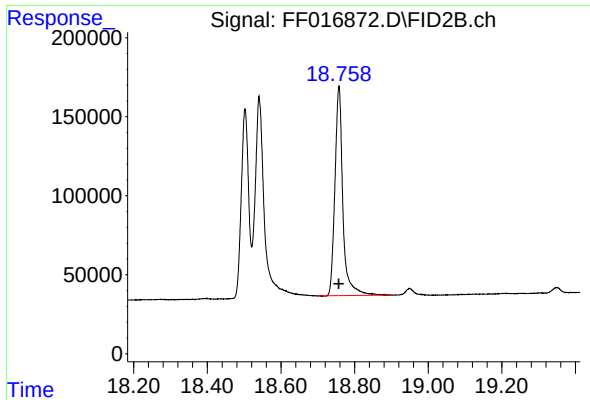
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.503 min
Delta R.T.: -0.001 min
Response: 1638472
Conc: 16.57 ug/ml



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

R.T.: 18.540 min
Delta R.T.: -0.001 min
Response: 2245105
Conc: 14.22 ug/ml m



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

R.T.: 18.757 min
Delta R.T.: 0.000 min
Response: 1985115
Conc: 15.63 ug/ml

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