

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110724AR\
 Data File : FF014969.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2024 21:36
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e
 Quant Time: Nov 08 08:50:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 2024
 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	2574861	19.348 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
6) S 2-Fluorobiphenyl (SURR)	8.871	1727823	19.373 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.75%
11) S ortho-Terphenyl (SURR)	11.932	2851560	19.361 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.612	2945312	19.352 ug/ml
2) T Naphthalene (C11.7)	6.277	3033334	19.328 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	3045283	19.412 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2946614	19.377 ug/ml
7) T Acenaphthene (C15.5)	8.970	2940935	19.382 ug/ml
8) T Fluorene (C16.55)	9.759	2869190	19.343 ug/ml
9) T Phenanthrene (C19.36)	11.165	2806879	19.353 ug/ml
10) T Anthracene (C19.43)	11.239	2679458	19.526 ug/ml
12) T Fluoranthene (C21.85)	12.985	2704799	19.354 ug/ml
13) T Pyrene (C20.8)	13.283	2671103	19.385 ug/ml
14) T Benzo[a]anthracene (C...	15.163	2565920	19.229 ug/ml
15) T Chrysene (C27.41)	15.205	2601826	19.165 ug/ml
16) T benzo[b]fluoranthene ...	16.721	2636503	19.180 ug/ml
17) T Bnezo[k]fluoranthene ...	16.754	2471706	19.215 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.102	2609282	19.244 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.474	2613025	19.012 ug/mlm
20) T Dibenz[a,h]anthracene...	18.512	2676387	18.090 ug/ml
21) T Benzo[g,h,i]perylene ...	18.730	2824586	19.300 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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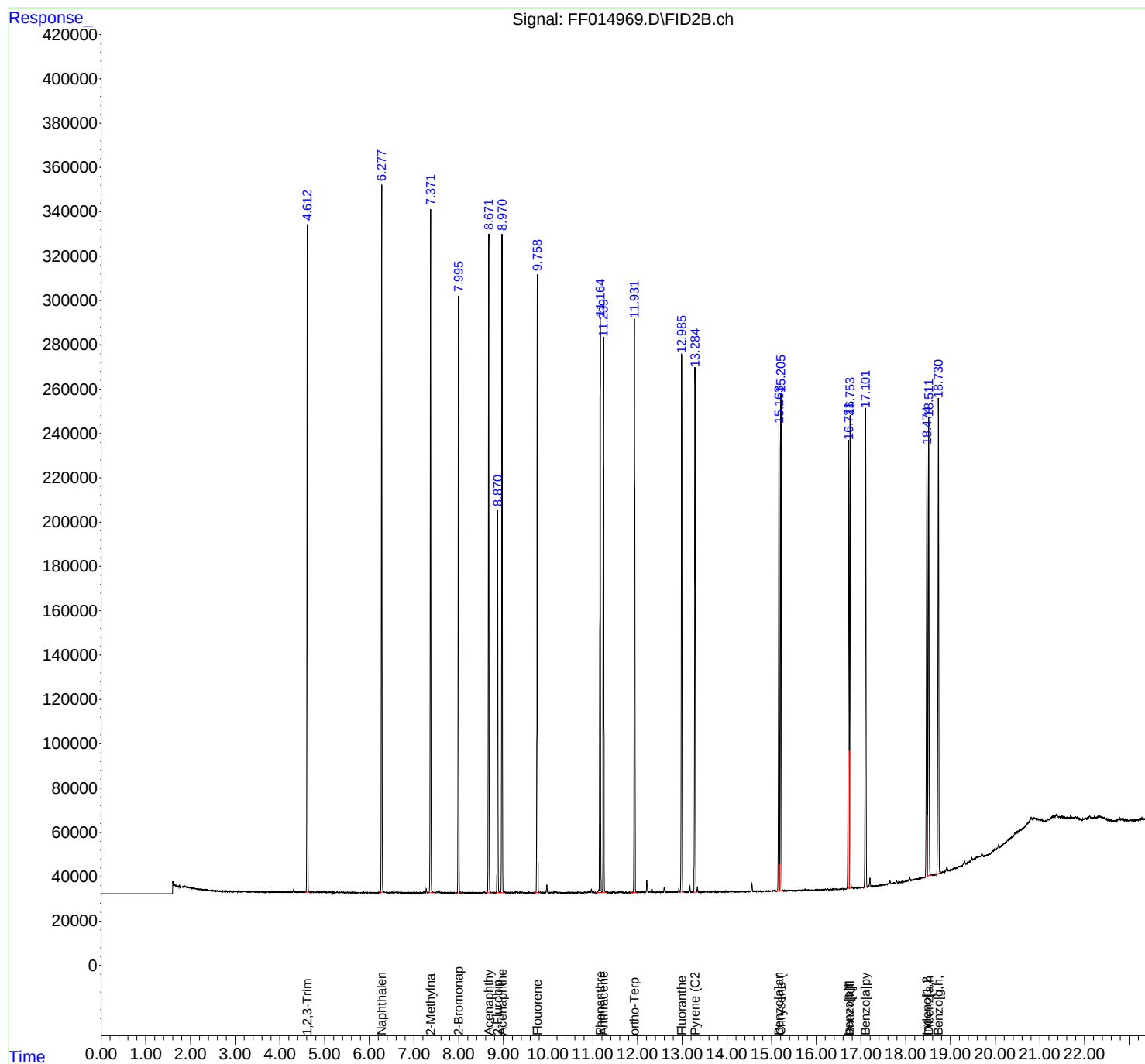
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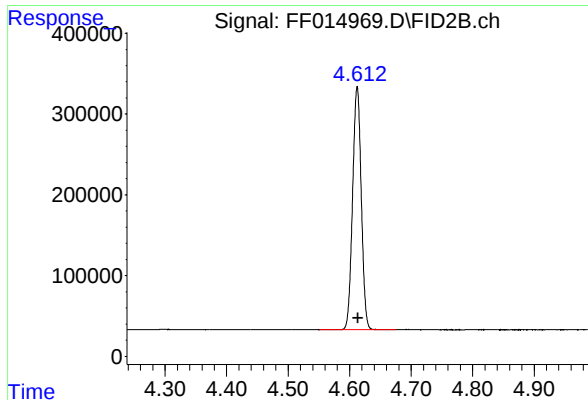
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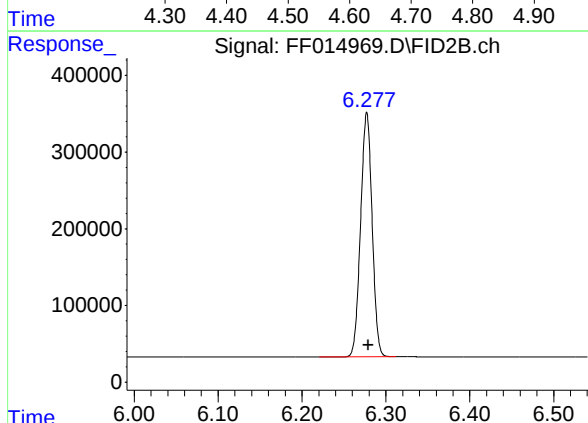
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 2945312
Conc: 19.35 ug/ml

Instrument :
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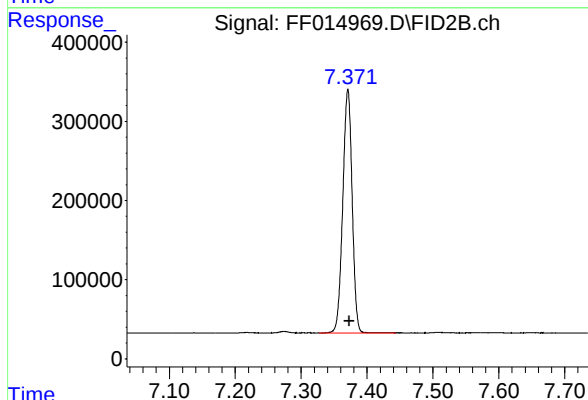
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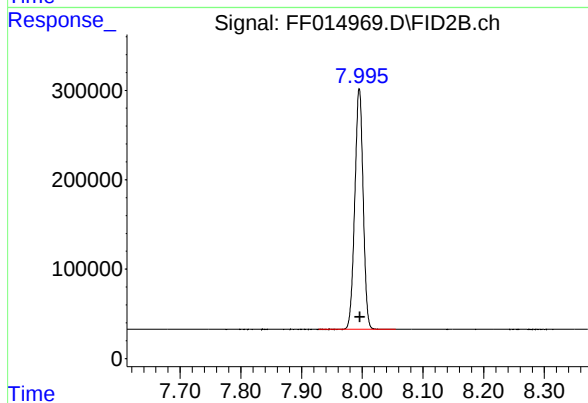
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 3033334
Conc: 19.33 ug/ml



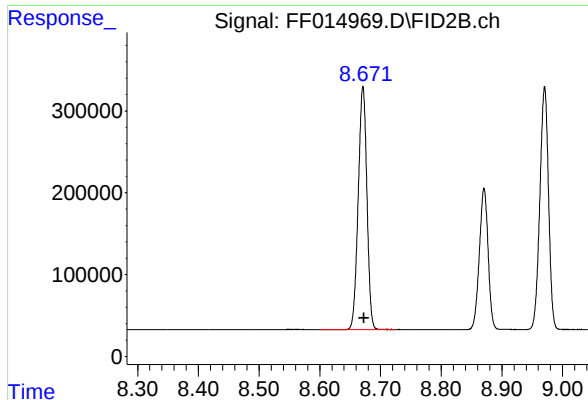
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.002 min
Response: 3045283
Conc: 19.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 2574861
Conc: 19.35 ug/ml



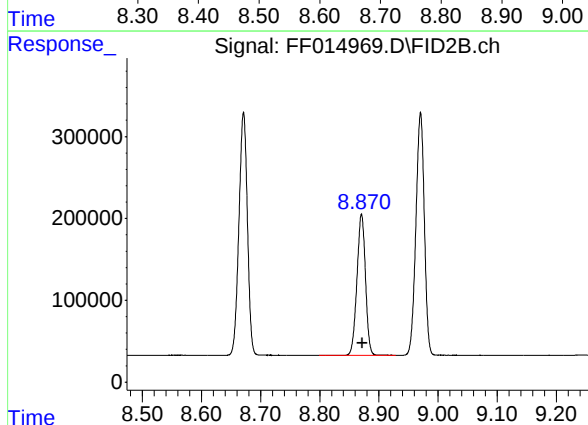
#5 Acenaphthylene (C15.06)

R.T.: 8.671 min
Delta R.T.: -0.002 min
Response: 2946614
Conc: 19.38 ug/ml

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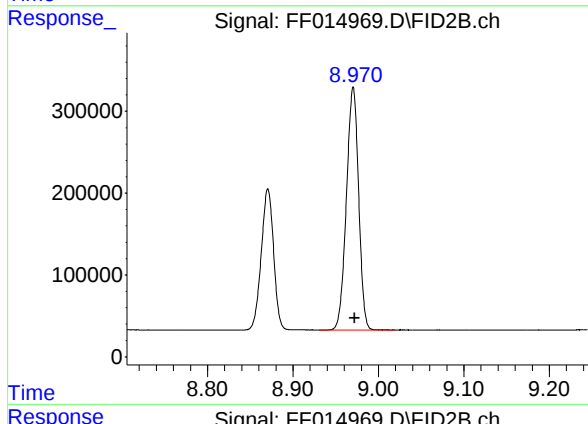
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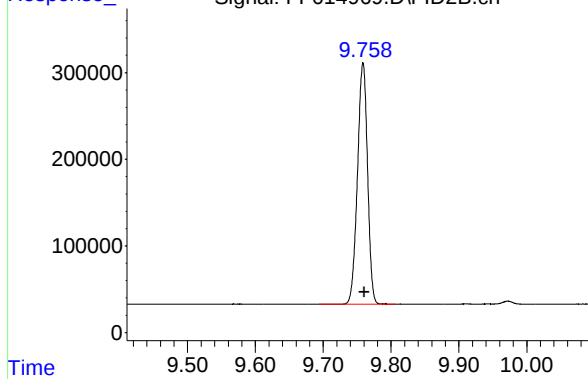
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: -0.001 min
Response: 1727823
Conc: 19.37 ug/ml



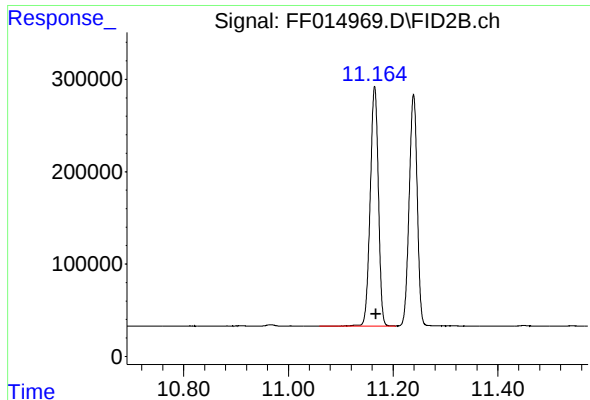
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: -0.002 min
Response: 2940935
Conc: 19.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.759 min
Delta R.T.: -0.002 min
Response: 2869190
Conc: 19.34 ug/ml



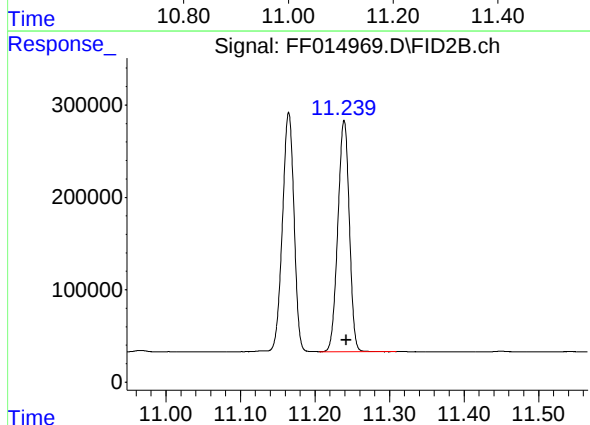
#9 Phenanthrene (C19.36)

R.T.: 11.165 min
Delta R.T.: -0.002 min
Response: 2806879
Conc: 19.35 ug/ml

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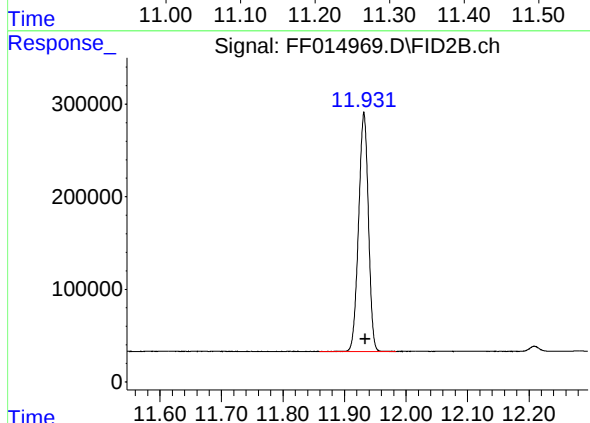
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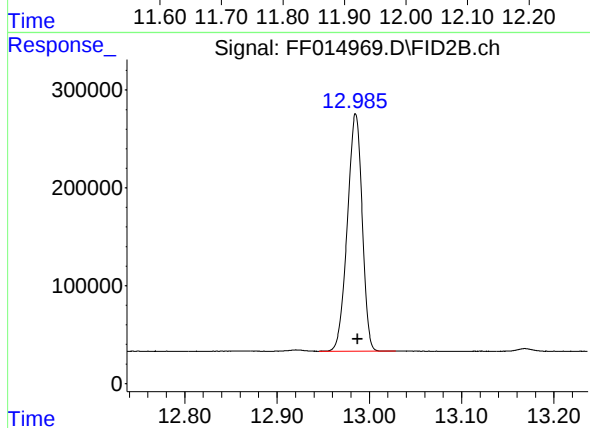
#10 Anthracene (C19.43)

R.T.: 11.239 min
Delta R.T.: -0.003 min
Response: 2679458
Conc: 19.53 ug/ml



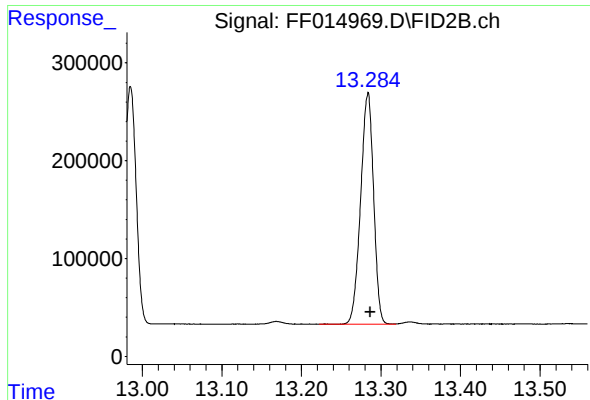
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.002 min
Response: 2851560
Conc: 19.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.985 min
Delta R.T.: -0.002 min
Response: 2704799
Conc: 19.35 ug/ml



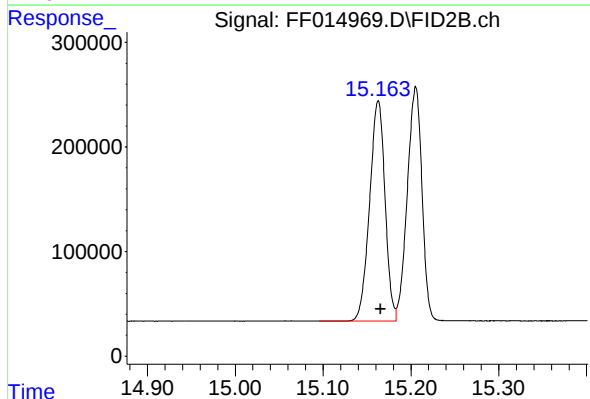
#13 Pyrene (C20.8)

R.T.: 13.283 min
Delta R.T.: -0.003 min
Response: 2671103
Conc: 19.39 ug/ml

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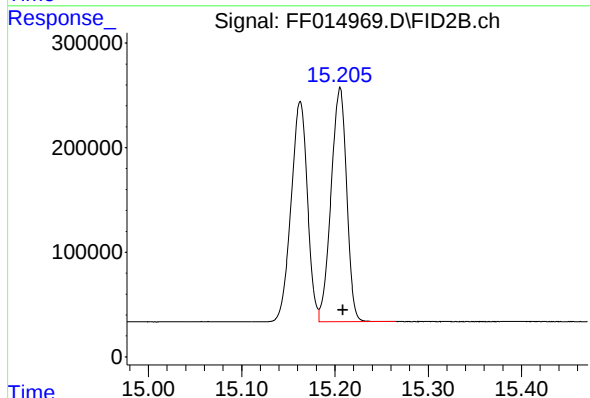
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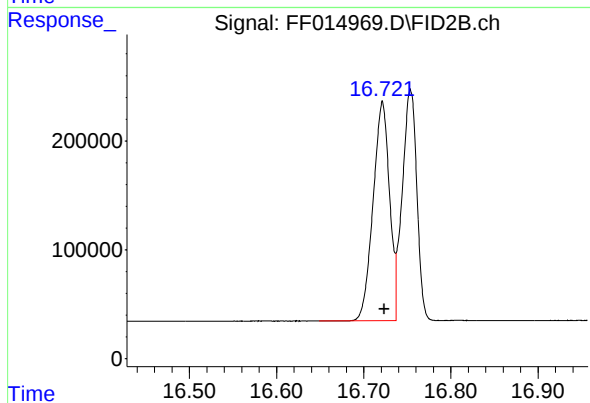
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.163 min
Delta R.T.: -0.003 min
Response: 2565920
Conc: 19.23 ug/ml



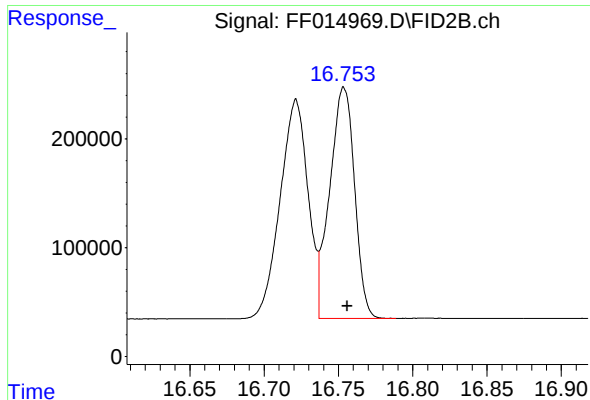
#15 Chrysene (C27.41)

R.T.: 15.205 min
Delta R.T.: -0.004 min
Response: 2601826
Conc: 19.17 ug/ml



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

R.T.: 16.721 min
Delta R.T.: -0.002 min
Response: 2636503
Conc: 19.18 ug/ml



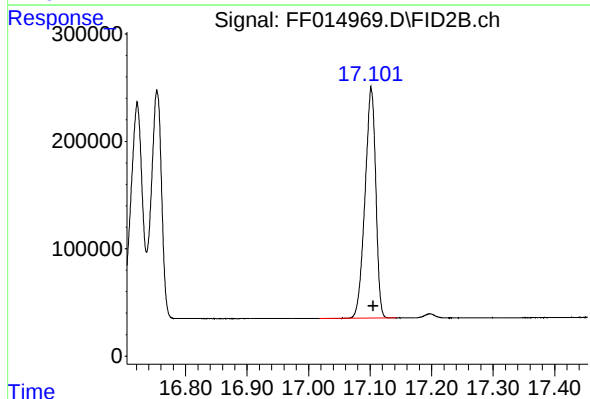
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.754 min
Delta R.T.: -0.002 min
Response: 2471706
Conc: 19.22 ug/ml

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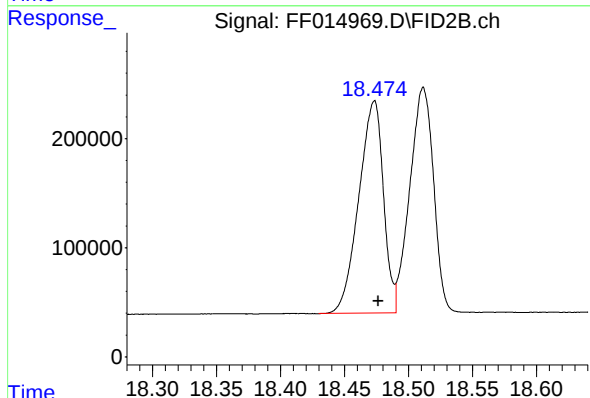
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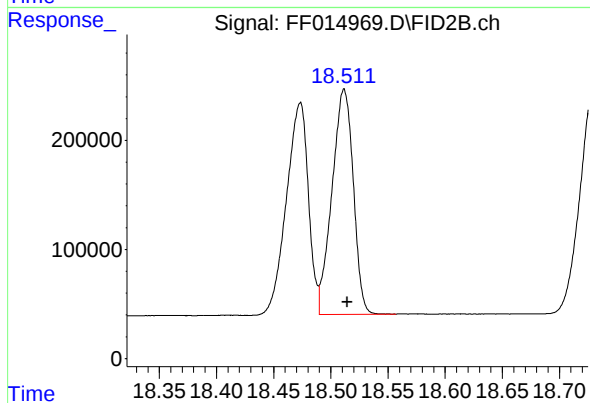
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.102 min
Delta R.T.: -0.003 min
Response: 2609282
Conc: 19.24 ug/ml



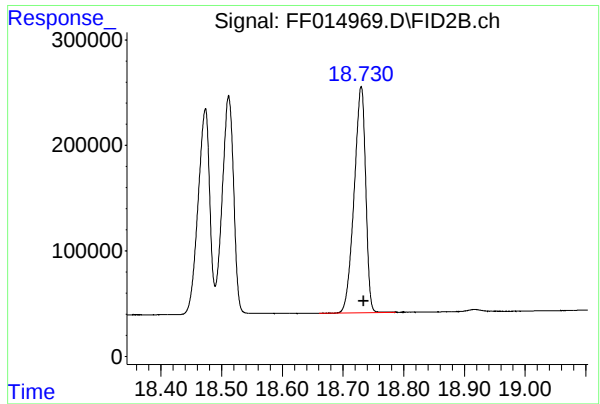
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.474 min
Delta R.T.: -0.003 min
Response: 2613025
Conc: 19.01 ug/ml m



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

R.T.: 18.512 min
Delta R.T.: -0.003 min
Response: 2676387
Conc: 18.09 ug/ml



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

R.T.: 18.730 min
Delta R.T.: -0.004 min
Response: 2824586
Conc: 19.30 ug/ml

Instrument :

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