

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110724AR\
 Data File : FF014967.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2024 20:11
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

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 08:50:37 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...	7.996	2677459	20.119 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
6) S 2-Fluorobiphenyl (SURR)	8.872	1788884	20.057 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.11%
11) S ortho-Terphenyl (SURR)	11.933	2937292	19.943 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.613	3083180	20.258 ug/ml
2) T Naphthalene (C11.7)	6.279	3162444	20.151 ug/ml
3) T 2-Methylnaphthalene (...)	7.373	3171496	20.217 ug/ml
5) T Acenaphthylene (C15.06)	8.672	3054984	20.089 ug/ml
7) T Acenaphthene (C15.5)	8.971	3044860	20.067 ug/ml
8) T Fluorene (C16.55)	9.760	2965974	19.995 ug/ml
9) T Phenanthrene (C19.36)	11.166	2883607	19.882 ug/ml
10) T Anthracene (C19.43)	11.241	2756127	20.084 ug/ml
12) T Fluoranthene (C21.85)	12.986	2778509	19.881 ug/ml
13) T Pyrene (C20.8)	13.286	2741087	19.893 ug/ml
14) T Benzo[a]anthracene (C...	15.164	2628452	19.698 ug/ml
15) T Chrysene (C27.41)	15.207	2665304	19.633 ug/ml
16) T benzo[b]fluoranthene ...	16.723	2691646	19.581 ug/ml
17) T Bnezo[k]fluoranthene ...	16.755	2538092	19.731 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.103	2679045	19.758 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.474	2668215	19.414 ug/mlm
20) T Dibenz[a,h]anthracene...	18.513	2742319	18.535 ug/ml
21) T Benzo[g,h,i]perylene ...	18.732	2893039	19.768 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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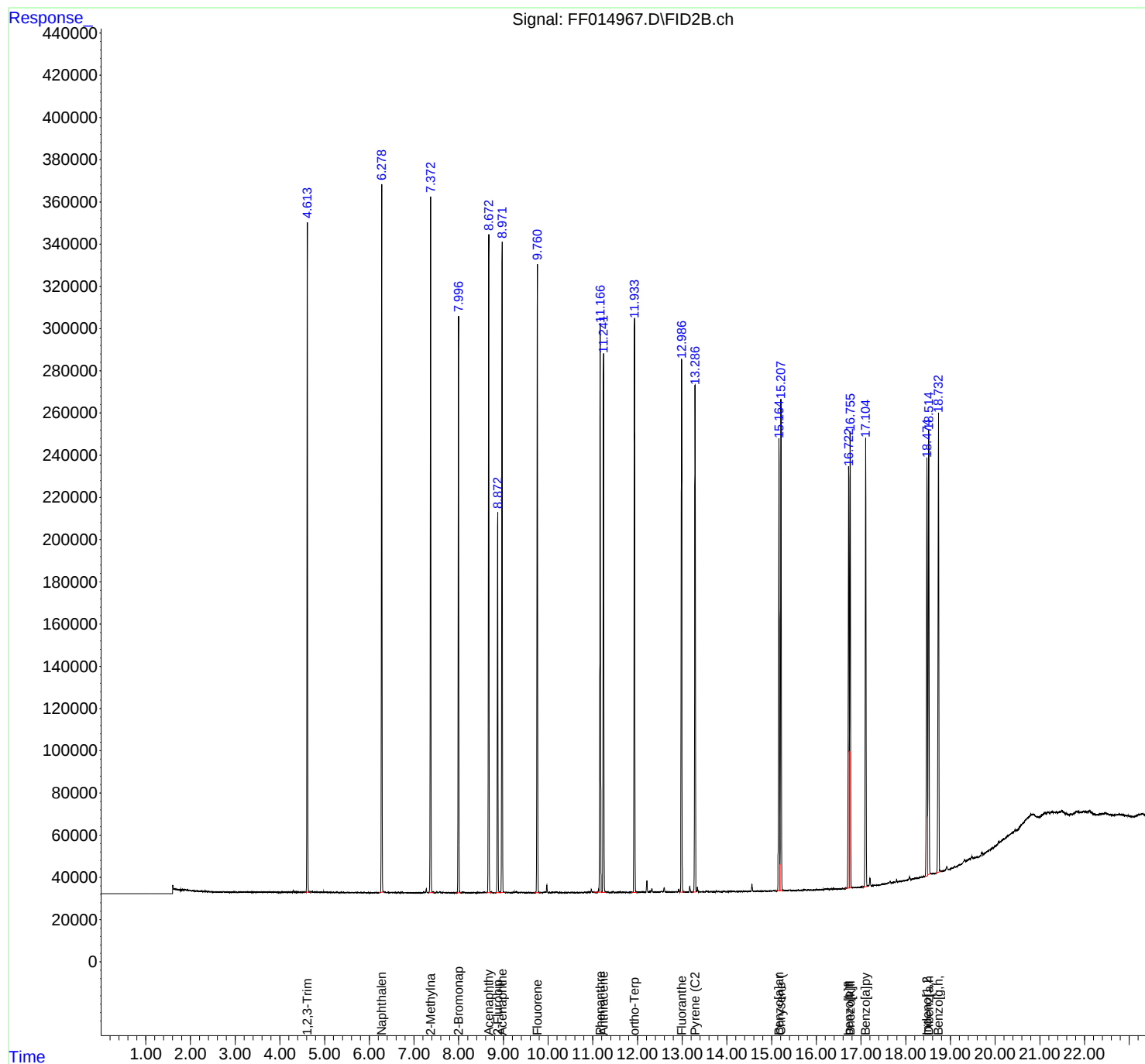
Instrument :
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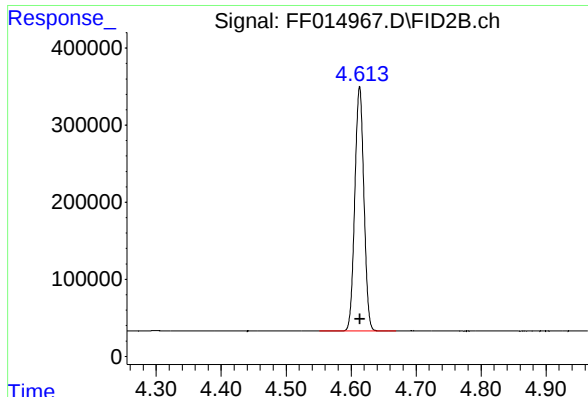
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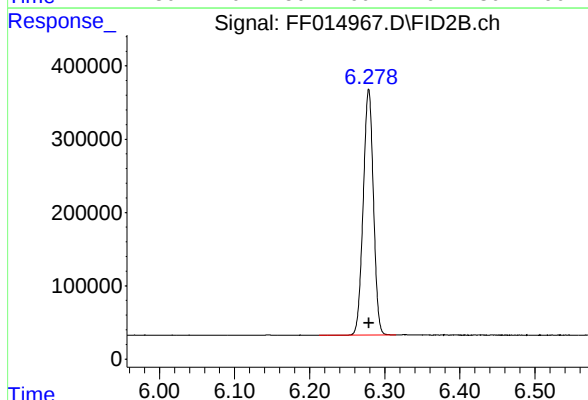
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 3083180
Conc: 20.26 ug/ml

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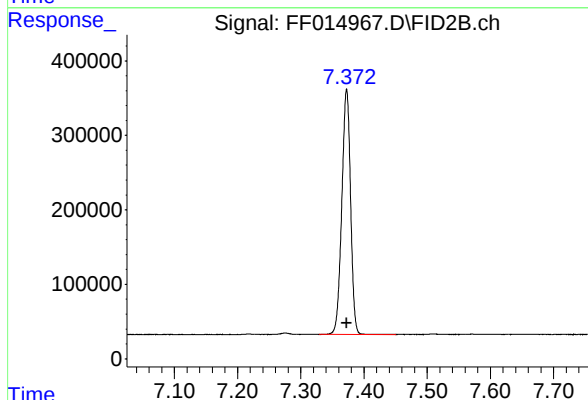
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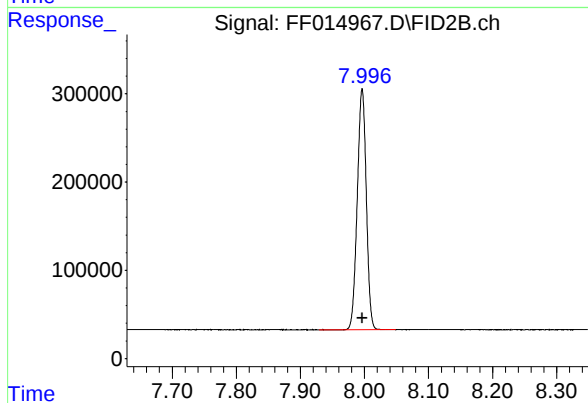
#2 Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 3162444
Conc: 20.15 ug/ml



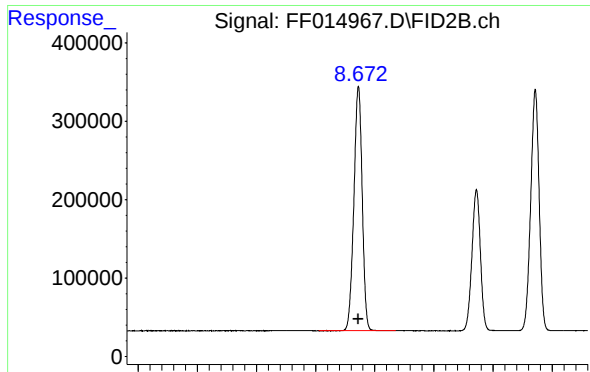
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 3171496
Conc: 20.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2677459
Conc: 20.12 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 3054984
Conc: 20.09 ug/ml

Instrument :

FID_F

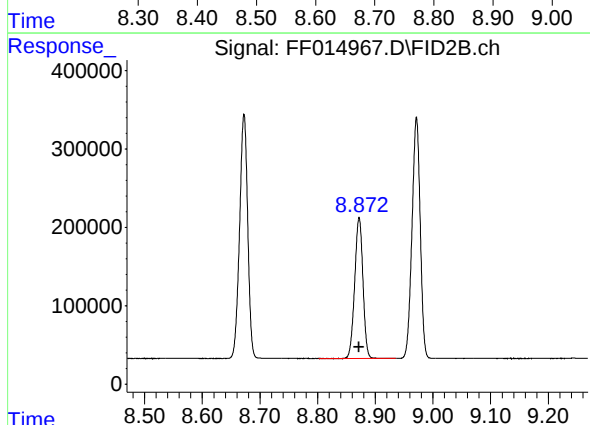
ClientSampleId :

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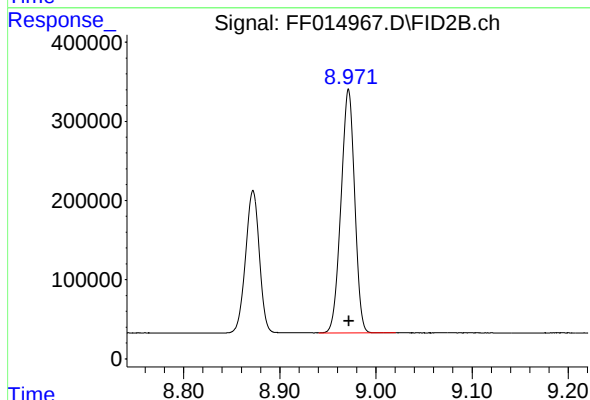
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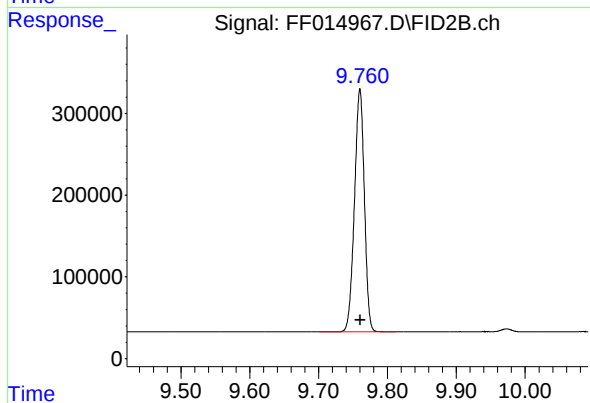
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 1788884
Conc: 20.06 ug/ml



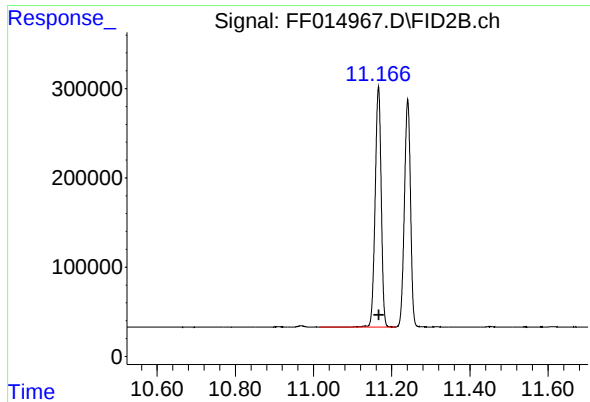
#7 Acenaphthene (C15.5)

R.T.: 8.971 min
Delta R.T.: 0.000 min
Response: 3044860
Conc: 20.07 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 2965974
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.166 min
Delta R.T.: -0.001 min
Response: 2883607
Conc: 19.88 ug/ml

Instrument :

FID_F

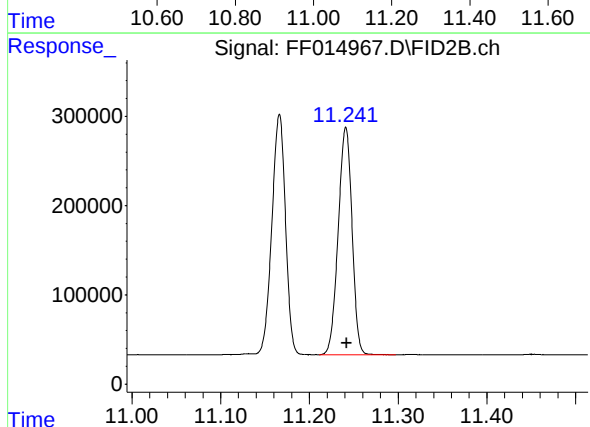
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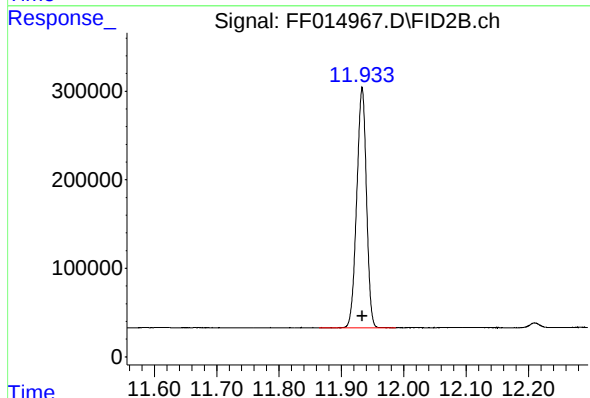
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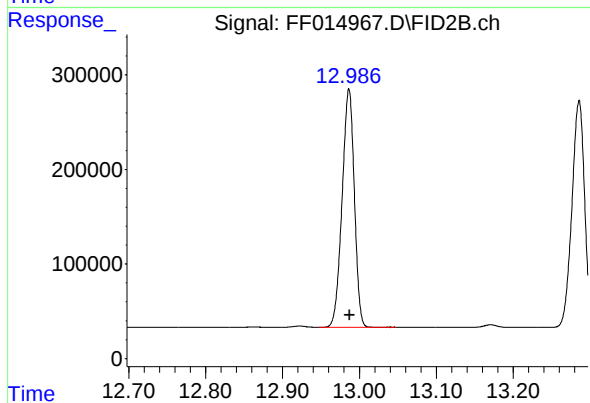
#10 Anthracene (C19.43)

R.T.: 11.241 min
Delta R.T.: -0.001 min
Response: 2756127
Conc: 20.08 ug/ml



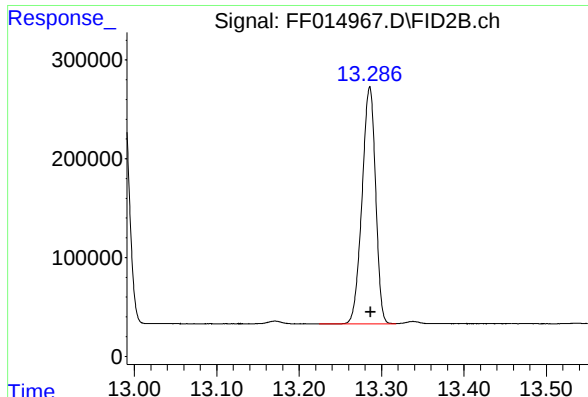
#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 2937292
Conc: 19.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.986 min
Delta R.T.: -0.001 min
Response: 2778509
Conc: 19.88 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.286 min
Delta R.T.: -0.001 min
Response: 2741087
Conc: 19.89 ug/ml

Instrument :

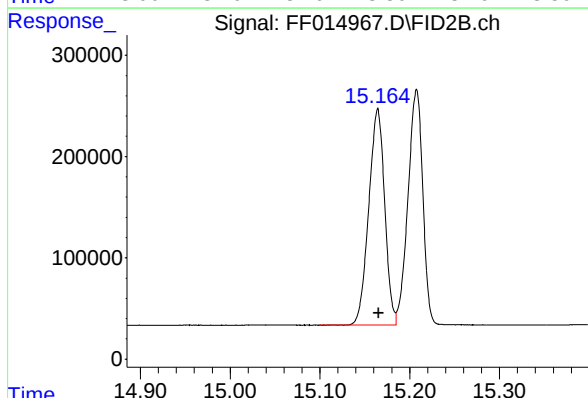
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ClientSampleId :

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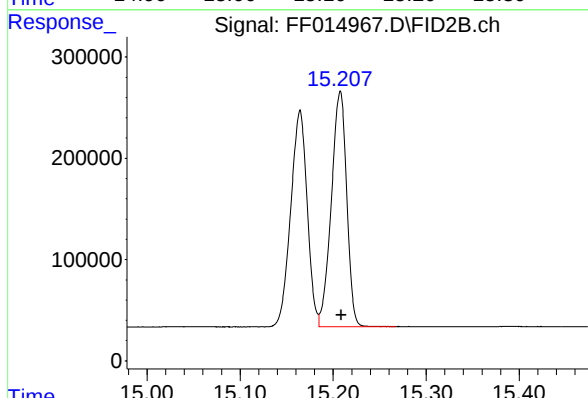
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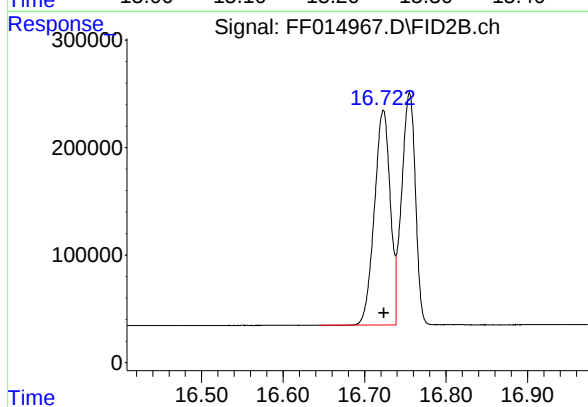
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.164 min
Delta R.T.: -0.001 min
Response: 2628452
Conc: 19.70 ug/ml



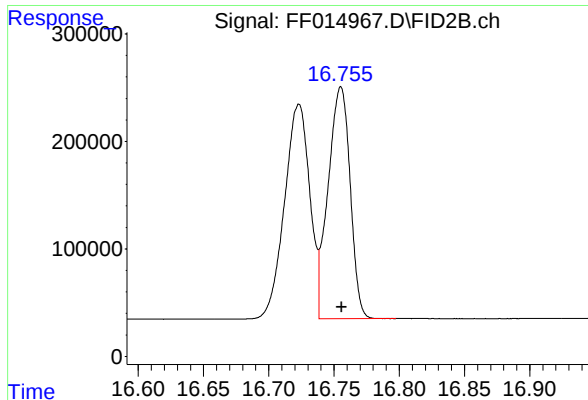
#15 Chrysene (C27.41)

R.T.: 15.207 min
Delta R.T.: -0.001 min
Response: 2665304
Conc: 19.63 ug/ml



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

R.T.: 16.723 min
Delta R.T.: 0.000 min
Response: 2691646
Conc: 19.58 ug/ml



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

R.T.: 16.755 min
Delta R.T.: 0.000 min
Response: 2538092
Conc: 19.73 ug/ml

Instrument :

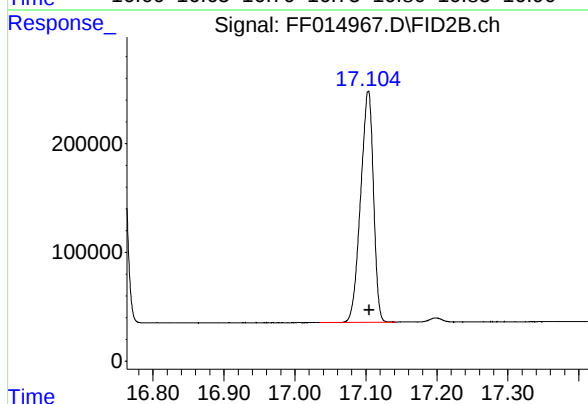
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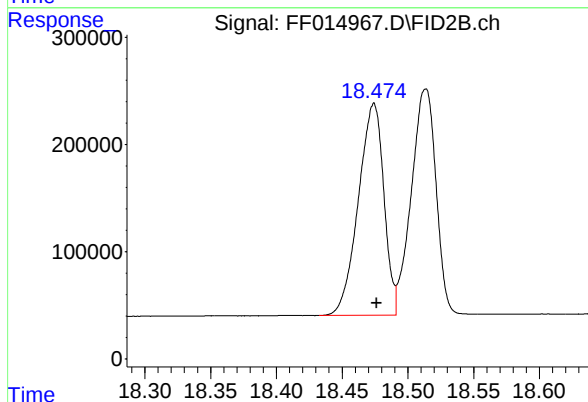
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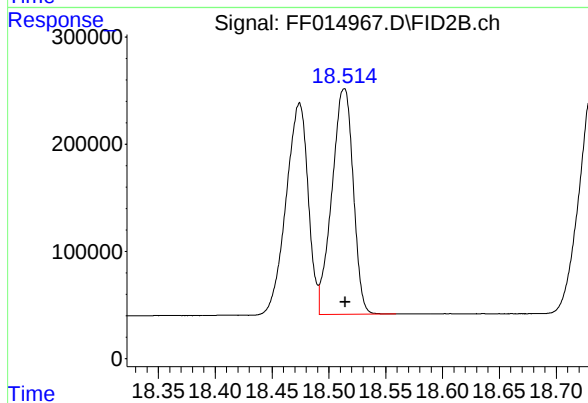
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.103 min
Delta R.T.: -0.002 min
Response: 2679045
Conc: 19.76 ug/ml



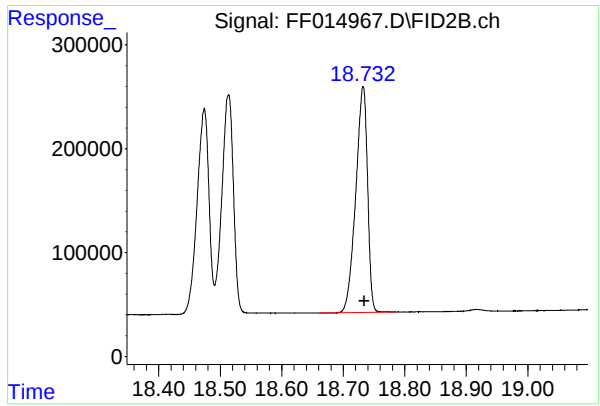
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.474 min
Delta R.T.: -0.002 min
Response: 2668215
Conc: 19.41 ug/ml m



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

R.T.: 18.513 min
Delta R.T.: -0.001 min
Response: 2742319
Conc: 18.54 ug/ml



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

R.T.: 18.732 min
Delta R.T.: -0.002 min
Response: 2893039
Conc: 19.77 ug/ml

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