

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AR\
 Data File : FG015224.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 16:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Jan 30 02:55:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

01/30/2025
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 Jodhani

Compound	R.T.	Response	Conc Units
-----01/30/2025			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.981	2892027	21.909 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
6) S 2-Fluorobiphenyl (SURR)	8.857	1969329	23.331 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.66%
11) S ortho-Terphenyl (SURR)	11.936	3257882	18.925 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.573	3098941	19.320 ug/ml
2) T Naphthalene (C11.7)	6.250	3232653	20.162 ug/ml
3) T 2-Methylnaphthalene (...)	7.351	3182767	20.015 ug/ml
5) T Acenaphthylene (C15.06)	8.657	3232865	20.345 ug/ml
7) T Acenaphthene (C15.5)	8.958	3187525	19.548 ug/ml
8) T Flouorene (C16.55)	9.750	3222745	20.468 ug/ml
9) T Phenanthrene (C19.36)	11.161	3109137	19.473 ug/ml
10) T Anthracene (C19.43)	11.236	2630663	17.818 ug/ml
12) T Fluoranthene (C21.85)	12.988	3088148	18.667 ug/ml
13) T Pyrene (C20.8)	13.287	3058729	18.884 ug/ml
14) T Benzo[a]anthracene (C...	15.173	2838046	19.024 ug/ml
15) T Chrysene (C27.41)	15.215	2888215	18.594 ug/mlm
16) T benzo[b]fluoranthene ...	16.735	2874685	19.425 ug/ml
17) T Bnezo[k]fluoranthene ...	16.768	2925308	20.690 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.115	2736812	19.262 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.489	2697630	21.408 ug/ml
20) T Dibenz[a,h]anthracene...	18.530	3135366	21.192 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.747	2858153	21.173 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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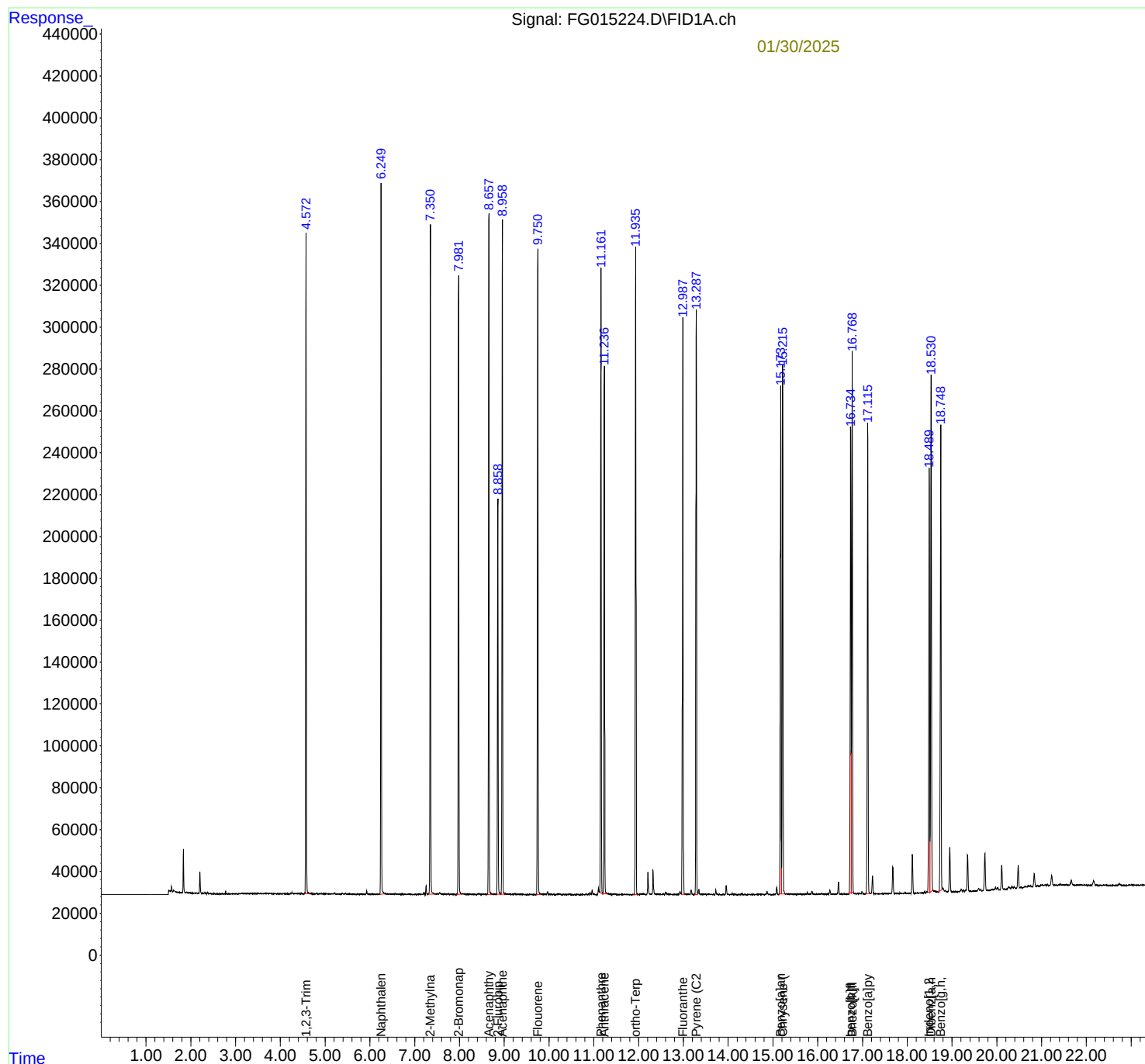
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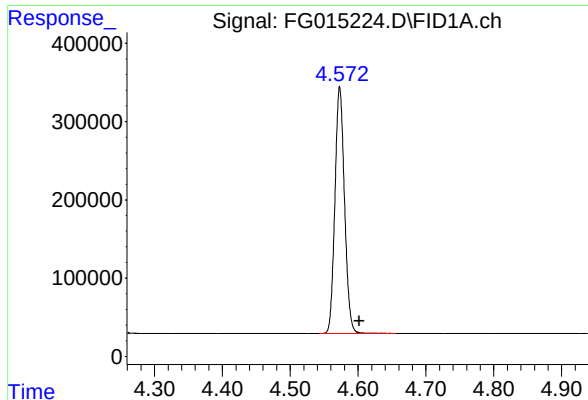
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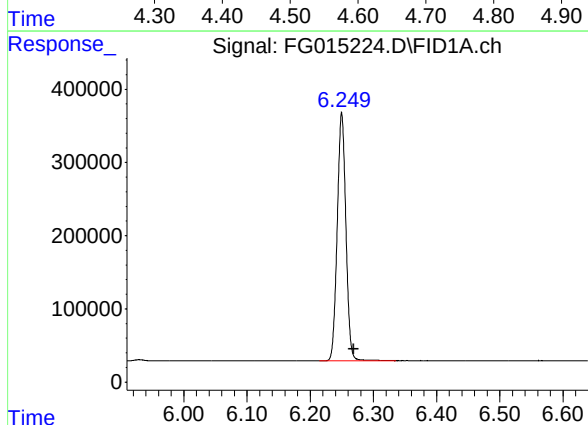
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.573 min
Delta R.T.: -0.029 min
Response: 3098941
Conc: 19.32 ug/ml

Instrument :
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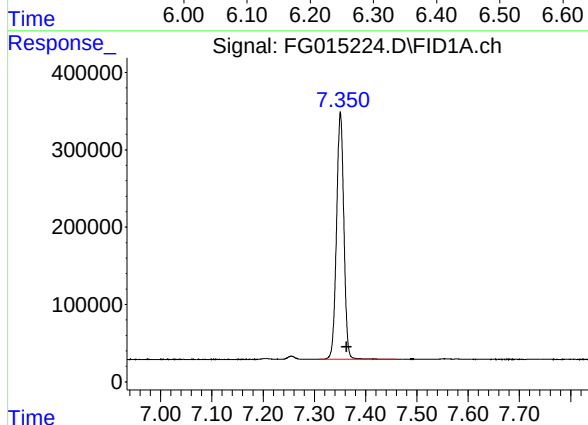


#2 Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.019 min
Response: 3232653
Conc: 20.16 ug/ml

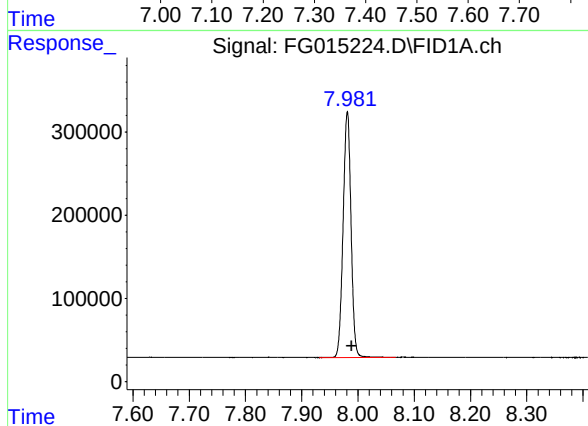
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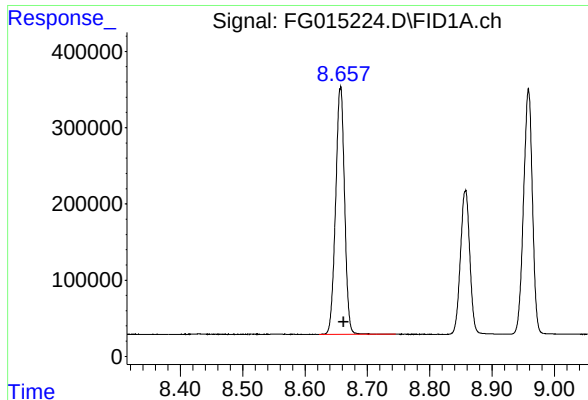
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.351 min
Delta R.T.: -0.012 min
Response: 3182767
Conc: 20.02 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.981 min
Delta R.T.: -0.008 min
Response: 2892027
Conc: 21.91 ug/ml



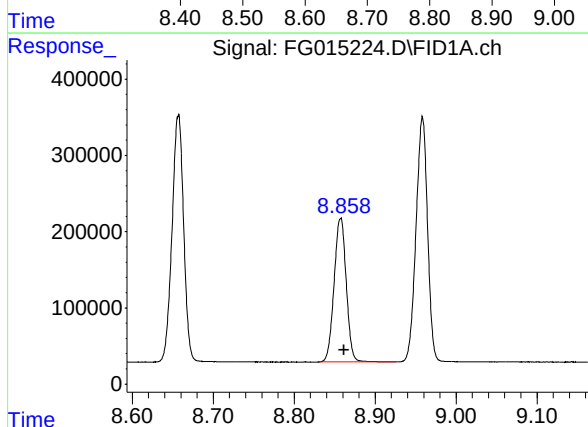
#5 Acenaphthylene (C15.06)

R.T.: 8.657 min
Delta R.T.: -0.005 min
Response: 3232865
Conc: 20.35 ug/ml

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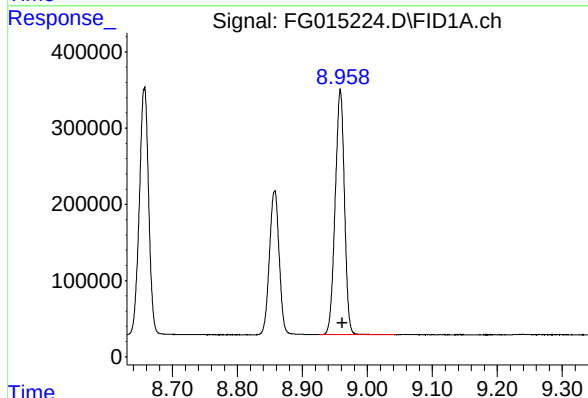


#6 2-Fluorobiphenyl (SURR)

R.T.: 8.857 min
Delta R.T.: -0.004 min
Response: 1969329
Conc: 23.33 ug/ml

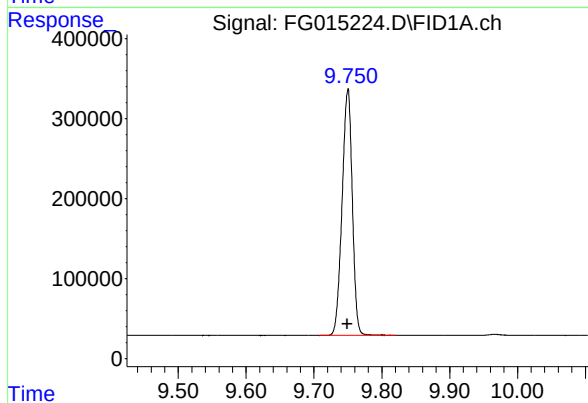
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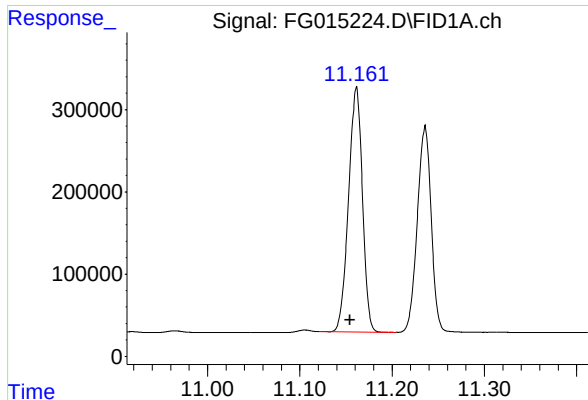
#7 Acenaphthene (C15.5)

R.T.: 8.958 min
Delta R.T.: -0.003 min
Response: 3187525
Conc: 19.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.750 min
Delta R.T.: 0.000 min
Response: 3222745
Conc: 20.47 ug/ml



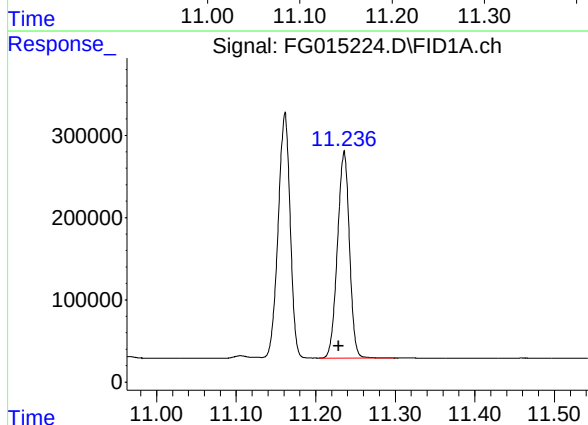
#9 Phenanthrene (C19.36)

R.T.: 11.161 min
Delta R.T.: 0.007 min
Response: 3109137
Conc: 19.47 ug/ml

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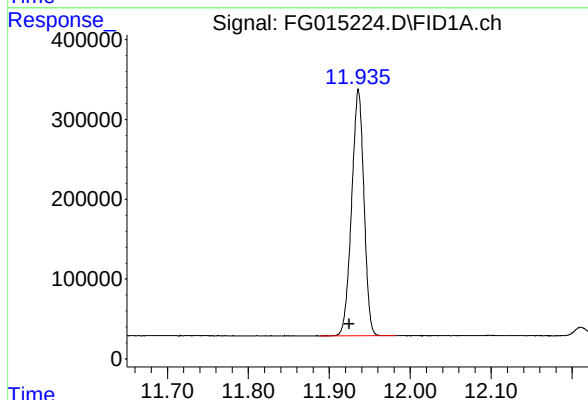


#10 Anthracene (C19.43)

R.T.: 11.236 min
Delta R.T.: 0.007 min
Response: 2630663
Conc: 17.82 ug/ml

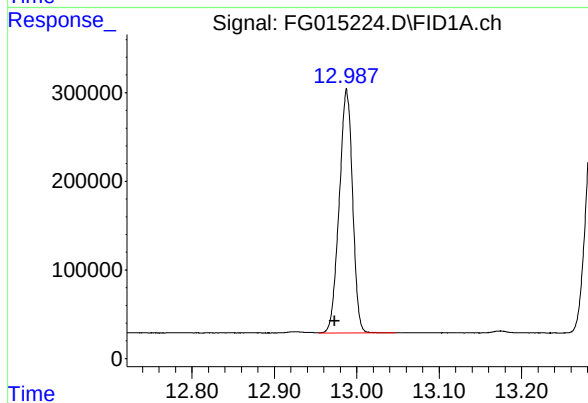
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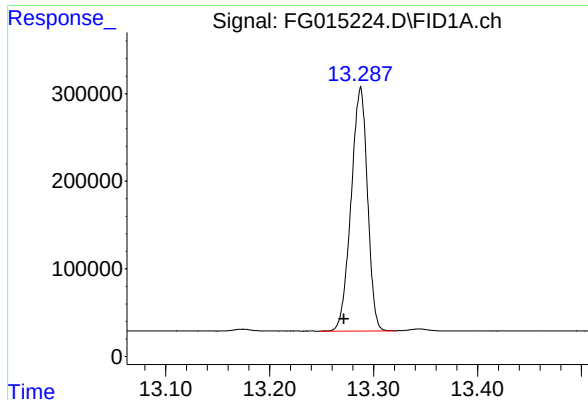
#11 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.012 min
Response: 3257882
Conc: 18.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.988 min
Delta R.T.: 0.014 min
Response: 3088148
Conc: 18.67 ug/ml



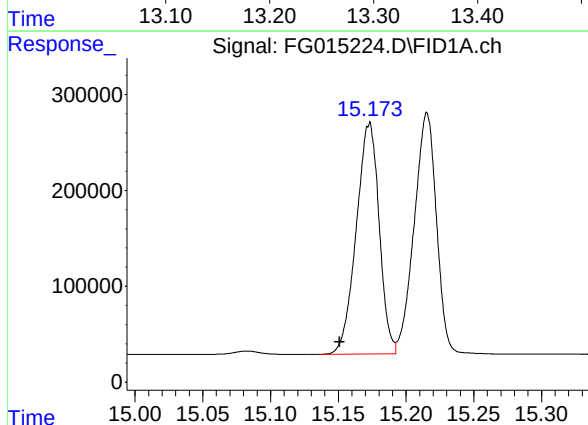
#13 Pyrene (C20.8)

R.T.: 13.287 min
Delta R.T.: 0.016 min
Response: 3058729
Conc: 18.88 ug/ml

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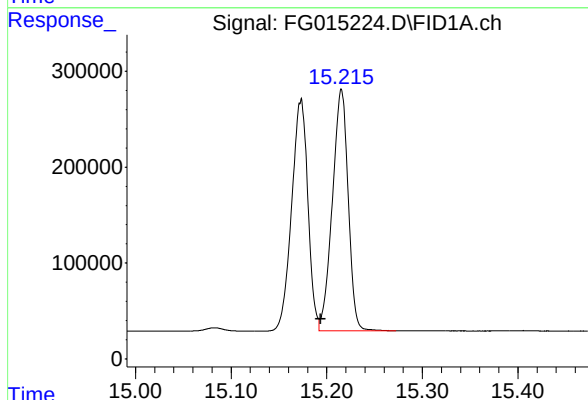


#14 Benzo[a]anthracene (C26.37)

R.T.: 15.173 min
Delta R.T.: 0.022 min
Response: 2838046
Conc: 19.02 ug/ml

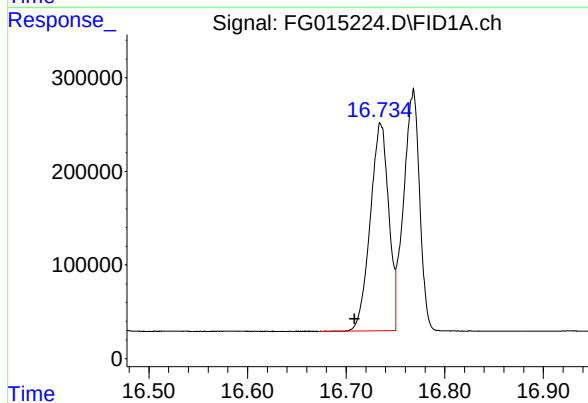
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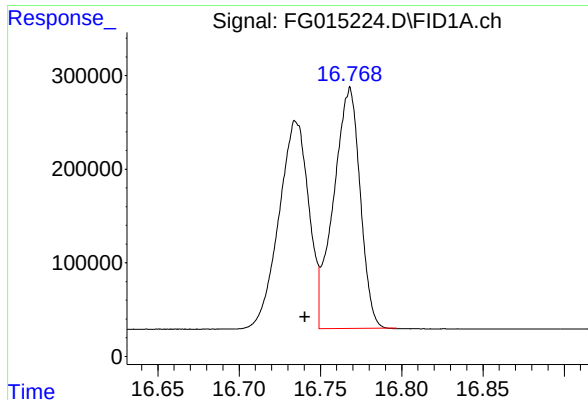
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: 0.021 min
Response: 2888215
Conc: 18.59 ug/ml m



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

R.T.: 16.735 min
Delta R.T.: 0.026 min
Response: 2874685
Conc: 19.43 ug/ml



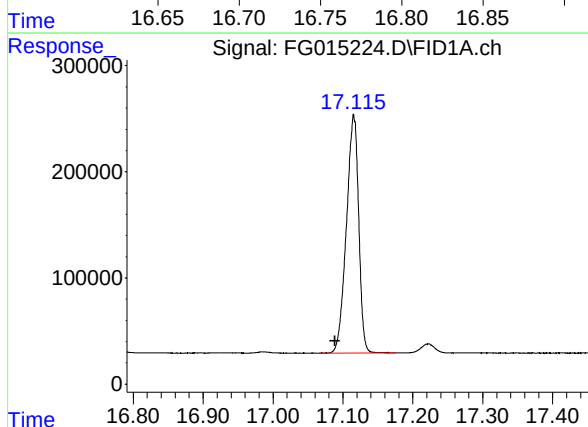
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.768 min
Delta R.T.: 0.028 min
Response: 2925308
Conc: 20.69 ug/ml

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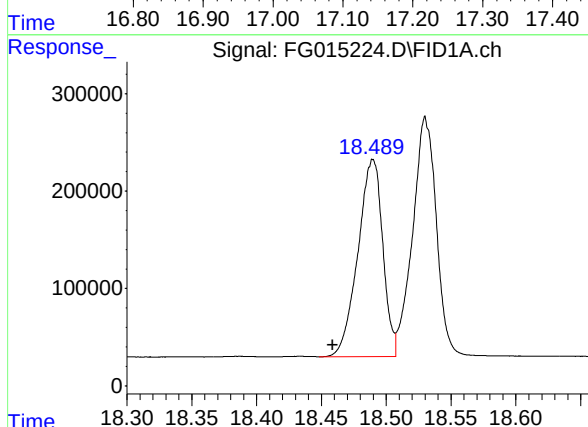


#18 Benzo[a]pyrene (C31.34)

R.T.: 17.115 min
Delta R.T.: 0.026 min
Response: 2736812
Conc: 19.26 ug/ml

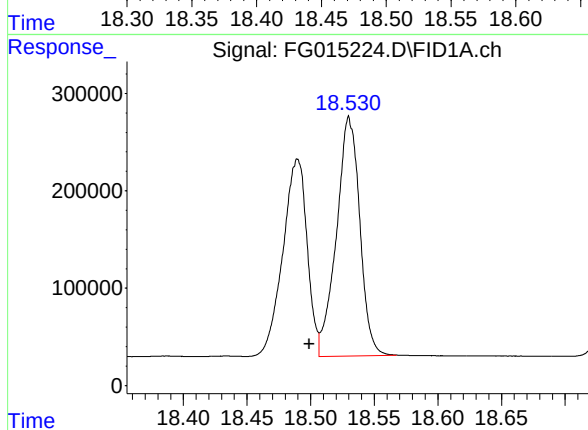
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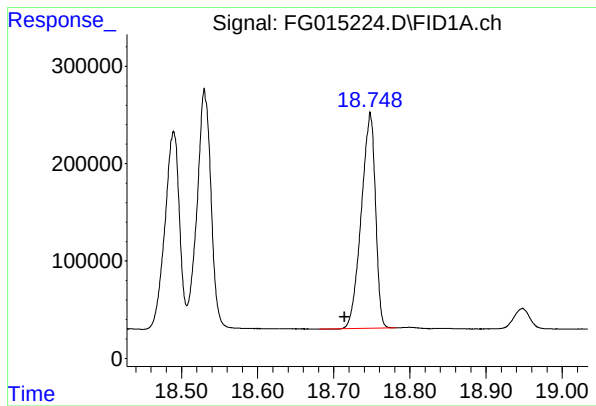
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.489 min
Delta R.T.: 0.031 min
Response: 2697630
Conc: 21.41 ug/ml



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

R.T.: 18.530 min
Delta R.T.: 0.031 min
Response: 3135366
Conc: 21.19 ug/ml m



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

R.T.: 18.747 min
Delta R.T.: 0.033 min
Response: 2858153
Conc: 21.17 ug/ml

Instrument :

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