

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015534.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 12:26
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2025
 Supervised By :Ankita Jodhani 02/27/2025

Integration File: autoint1.e
 Quant Time: Feb 26 12:40:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 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...	7.996	2289993	19.671 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
6) S 2-Fluorobiphenyl (SURR)	8.873	1423376	19.982 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.96%
11) S ortho-Terphenyl (SURR)	11.933	2851554	19.385 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	2510167	19.444 ug/ml
2) T Naphthalene (C11.7)	6.275	2489009	19.502 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2477192	19.564 ug/ml
5) T Acenaphthylene (C15.06)	8.670	2732210	19.329 ug/ml
7) T Acenaphthene (C15.5)	8.968	2746031	19.280 ug/ml
8) T Flouorene (C16.55)	9.759	2596602	19.514 ug/ml
9) T Phenanthrene (C19.36)	11.166	2562733	19.702 ug/ml
10) T Anthracene (C19.43)	11.242	2445232	19.523 ug/ml
12) T Fluoranthene (C21.85)	12.989	2751108	19.481 ug/ml
13) T Pyrene (C20.8)	13.286	2808624	19.536 ug/ml
14) T Benzo[a]anthracene (C...	15.171	2399579	20.428 ug/ml
15) T Chrysene (C27.41)	15.212	2845359	19.050 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2599777	19.962 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	2875208	19.269 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	2506228	19.749 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	1940720	18.961 ug/mlm
20) T Dibenz[a,h]anthracene...	18.524	2605895	20.154 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	2445288	19.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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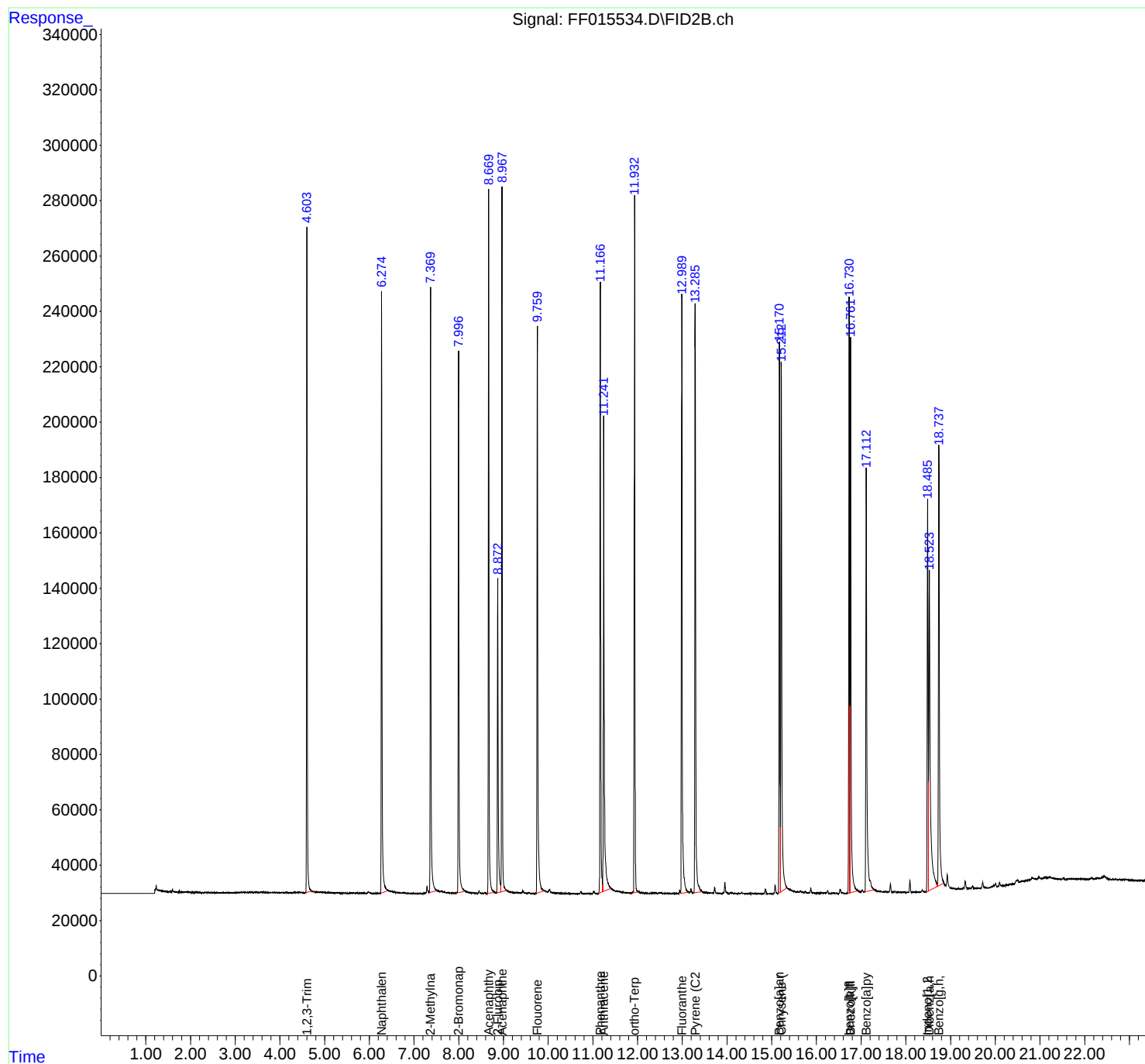
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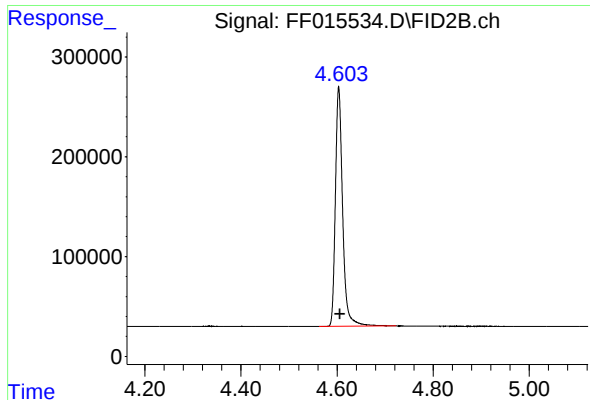
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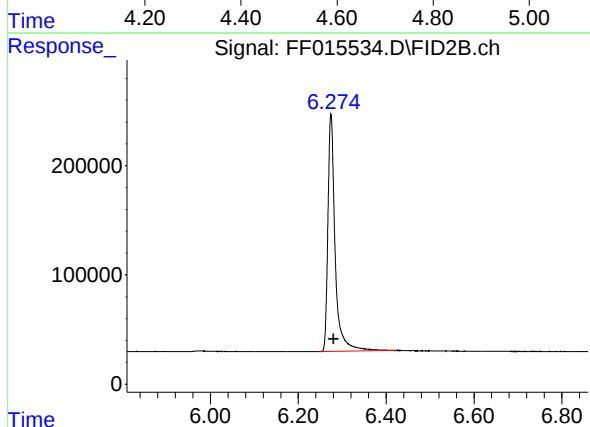
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 2510167
Conc: 19.44 ug/ml

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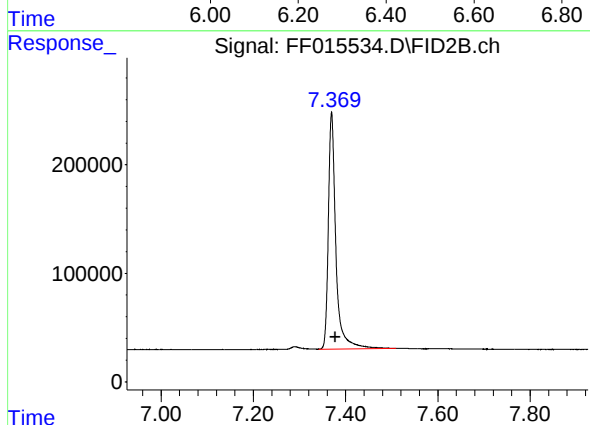
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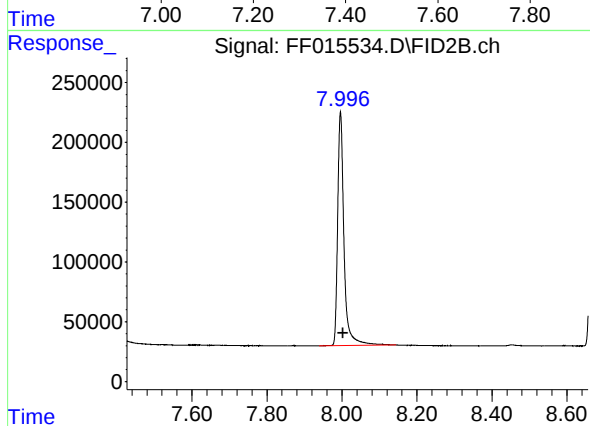
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 2489009
Conc: 19.50 ug/ml



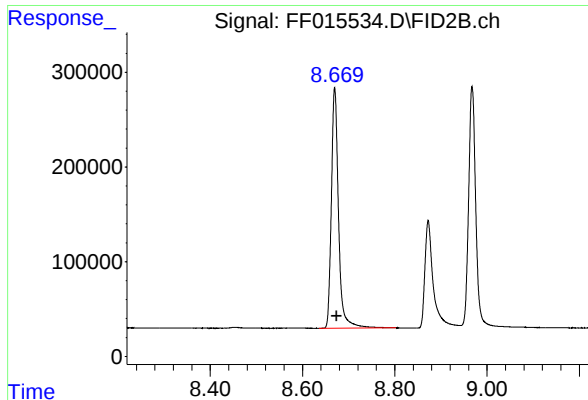
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: -0.008 min
Response: 2477192
Conc: 19.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: -0.007 min
Response: 2289993
Conc: 19.67 ug/ml



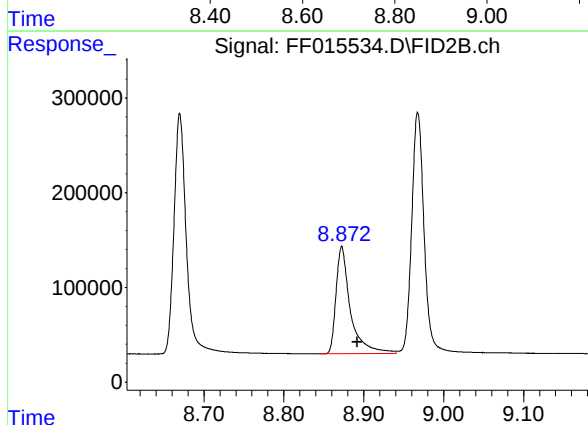
#5 Acenaphthylene (C15.06)

R.T.: 8.670 min
Delta R.T.: -0.004 min
Response: 2732210
Conc: 19.33 ug/ml

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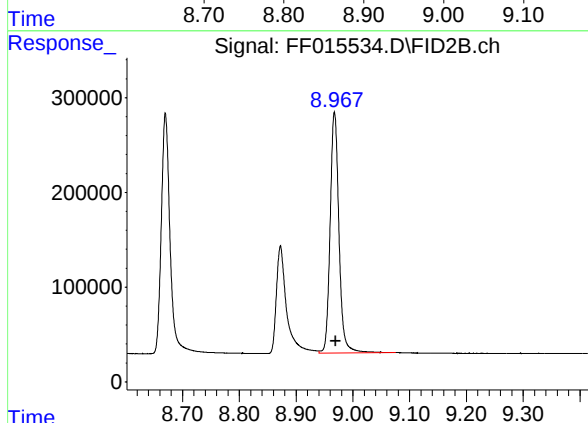
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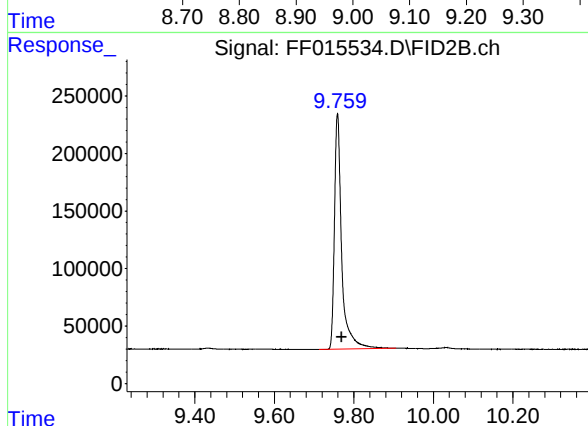
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: -0.019 min
Response: 1423376
Conc: 19.98 ug/ml



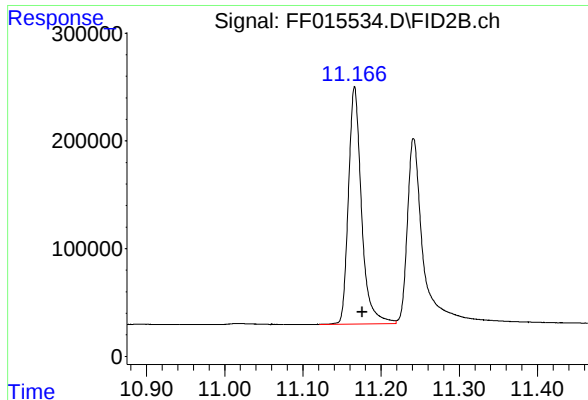
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: -0.002 min
Response: 2746031
Conc: 19.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.759 min
Delta R.T.: -0.010 min
Response: 2596602
Conc: 19.51 ug/ml



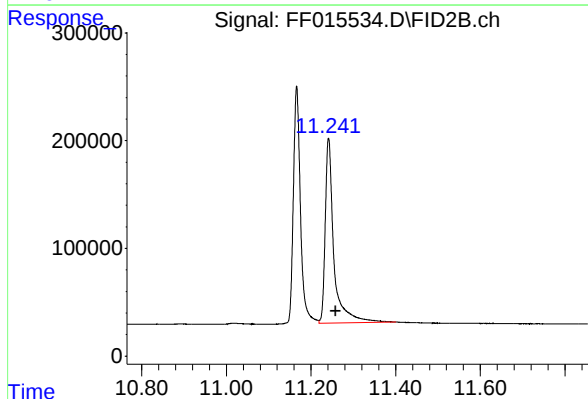
#9 Phenanthrene (C19.36)

R.T.: 11.166 min
Delta R.T.: -0.010 min
Response: 2562733
Conc: 19.70 ug/ml

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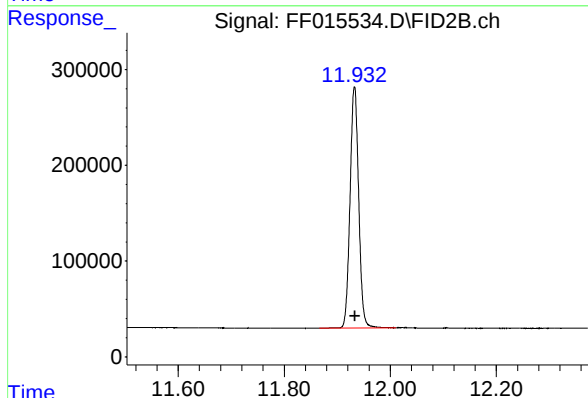
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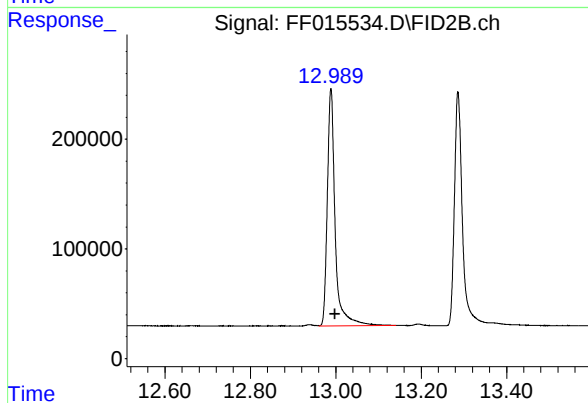
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: -0.016 min
Response: 2445232
Conc: 19.52 ug/ml



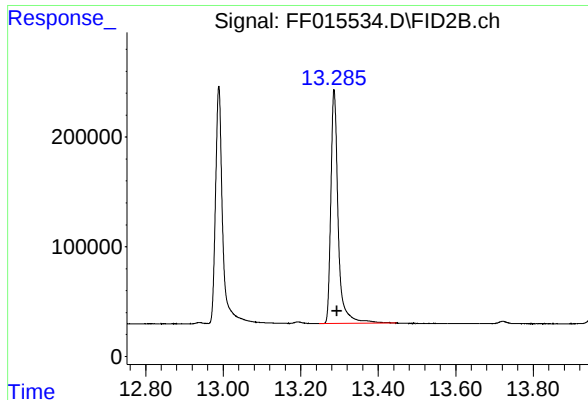
#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 2851554
Conc: 19.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.989 min
Delta R.T.: -0.009 min
Response: 2751108
Conc: 19.48 ug/ml



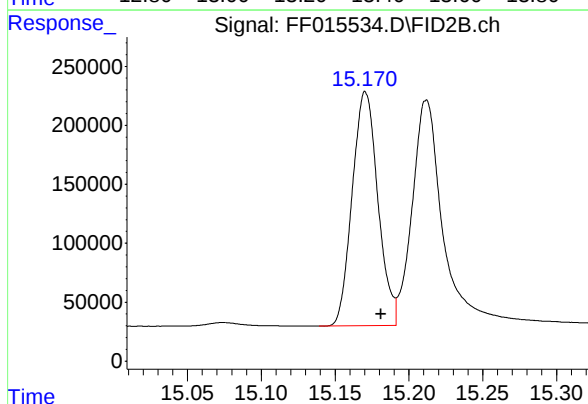
#13 Pyrene (C20.8)

R.T.: 13.286 min
Delta R.T.: -0.007 min
Response: 2808624
Conc: 19.54 ug/ml

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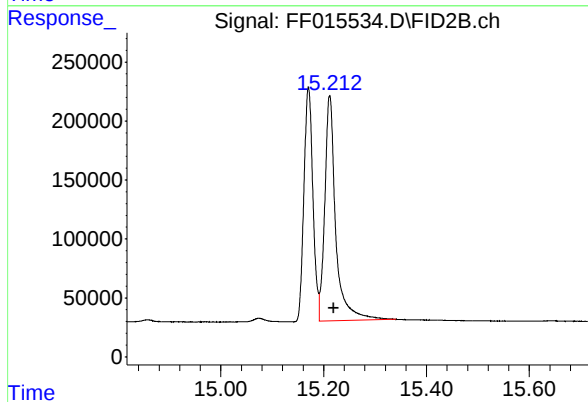
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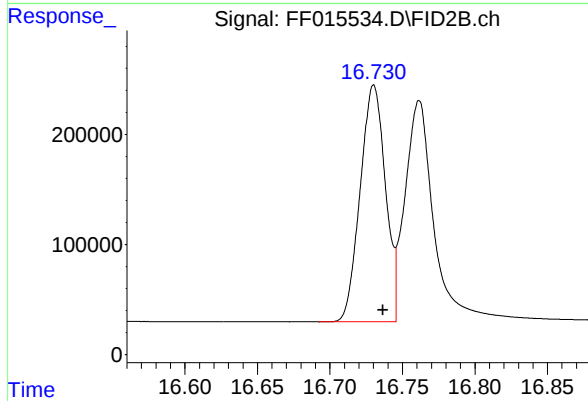
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.171 min
Delta R.T.: -0.010 min
Response: 2399579
Conc: 20.43 ug/ml



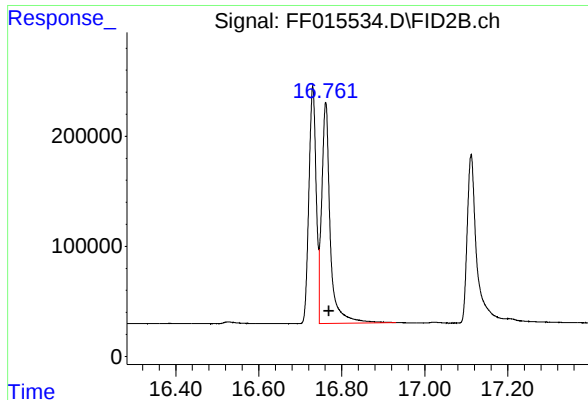
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: -0.008 min
Response: 2845359
Conc: 19.05 ug/ml



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

R.T.: 16.730 min
Delta R.T.: -0.006 min
Response: 2599777
Conc: 19.96 ug/ml



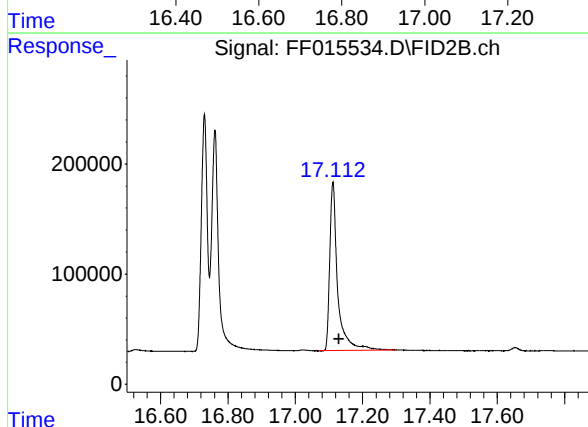
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.761 min
Delta R.T.: -0.008 min
Response: 2875208
Conc: 19.27 ug/ml

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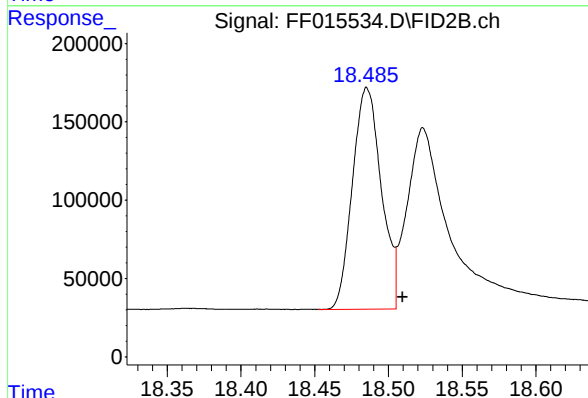
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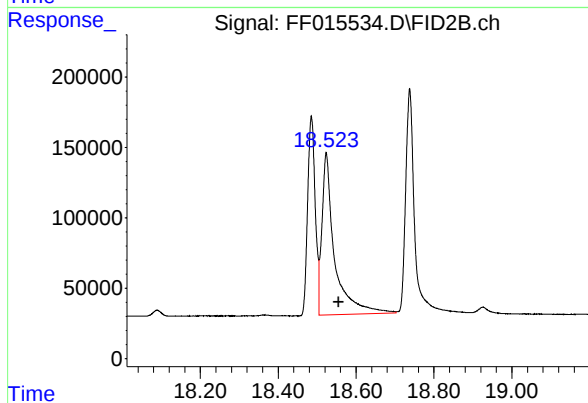
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: -0.018 min
Response: 2506228
Conc: 19.75 ug/ml



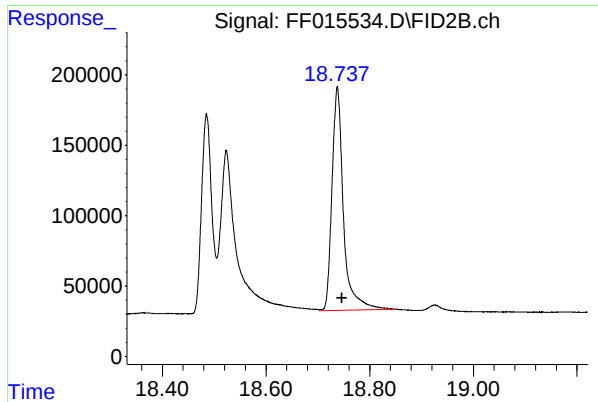
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: -0.025 min
Response: 1940720
Conc: 18.96 ug/ml m



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

R.T.: 18.524 min
Delta R.T.: -0.032 min
Response: 2605895
Conc: 20.15 ug/ml



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

R.T.: 18.738 min
Delta R.T.: -0.009 min
Response: 2445288
Conc: 19.65 ug/ml

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