

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111624AR\
 Data File : FF015068.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2024 18:58
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :Ankita Jodhani 11/18/2024

Integration File: autoint1.e
 Quant Time: Nov 18 00:26:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 02:02:38 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...	7.989	2434614	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
6) S 2-Fluorobiphenyl (SURR)	8.863	1618457	19.824 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.65%
11) S ortho-Terphenyl (SURR)	11.924	2666197	19.875 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	2725947	20.121 ug/ml
2) T Naphthalene (C11.7)	6.271	2767369	20.040 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	2688639	19.936 ug/ml
5) T Acenaphthylene (C15.06)	8.663	2721269	19.928 ug/ml
7) T Acenaphthene (C15.5)	8.963	2662604	19.923 ug/ml
8) T Fluorene (C16.55)	9.751	2633132	19.726 ug/ml
9) T Phenanthrene (C19.36)	11.156	2519849	19.623 ug/ml
10) T Anthracene (C19.43)	11.230	2427455	19.243 ug/ml
12) T Fluoranthene (C21.85)	12.975	2475152	19.793 ug/ml
13) T Pyrene (C20.8)	13.274	2459341	19.909 ug/ml
14) T Benzo[a]anthracene (C...	15.152	2318222	19.554 ug/ml
15) T Chrysene (C27.41)	15.195	2346631	19.651 ug/ml
16) T benzo[b]fluoranthene ...	16.709	2437455	20.179 ug/ml
17) T Bnezo[k]fluoranthene ...	16.742	2409527	20.015 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2342435	20.101 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.459	2304555	19.441 ug/ml
20) T Dibenz[a,h]anthracene...	18.499	2371778	18.553 ug/ml
21) T Benzo[g,h,i]perylene ...	18.716	2620221	20.196 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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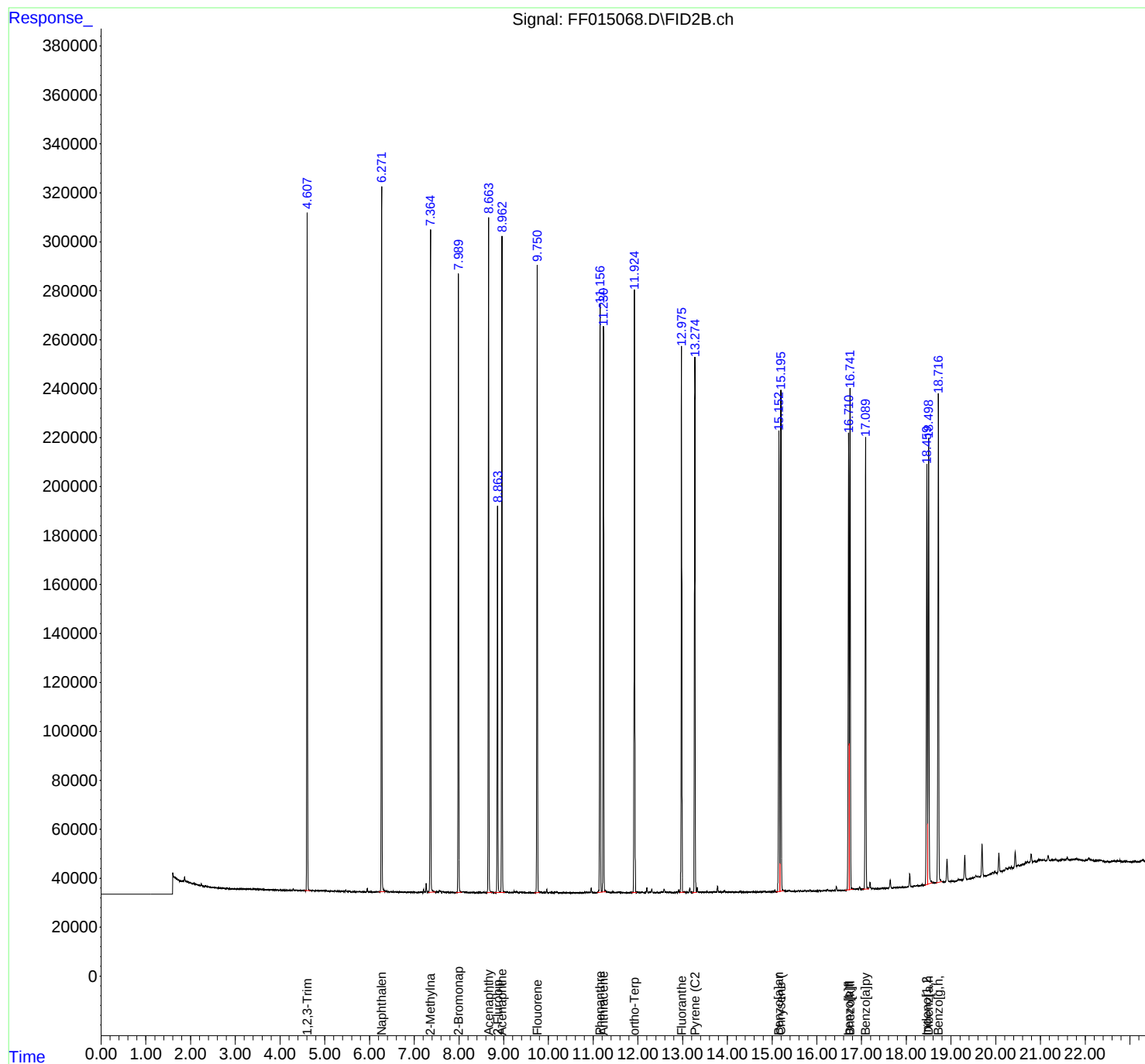
Instrument :
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20 PPM AROMATIC HC STD

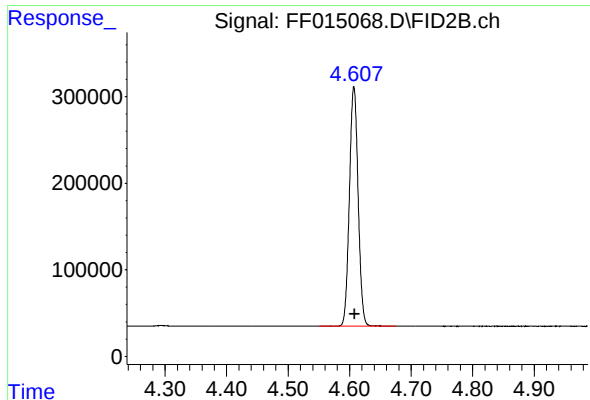
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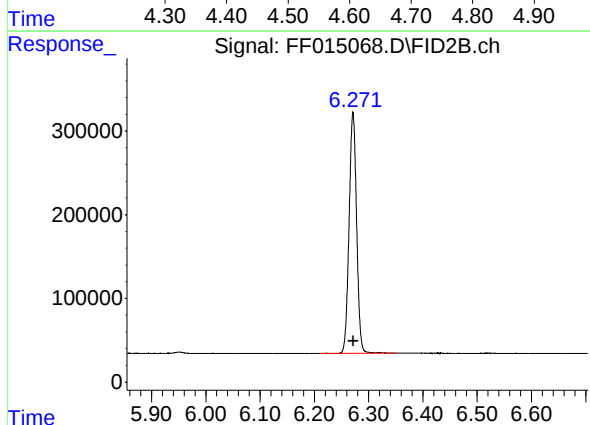
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2725947
Conc: 20.12 ug/ml

Instrument :
FID_F
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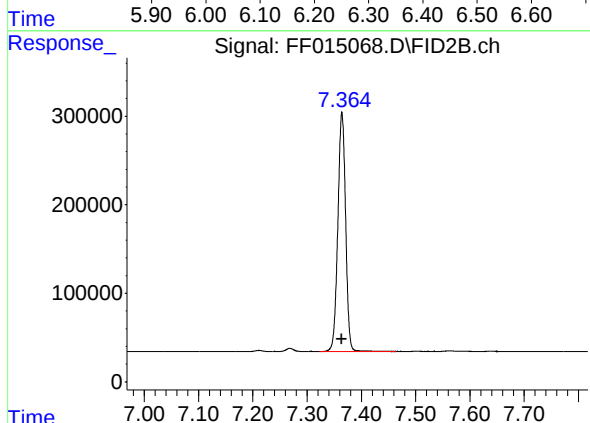
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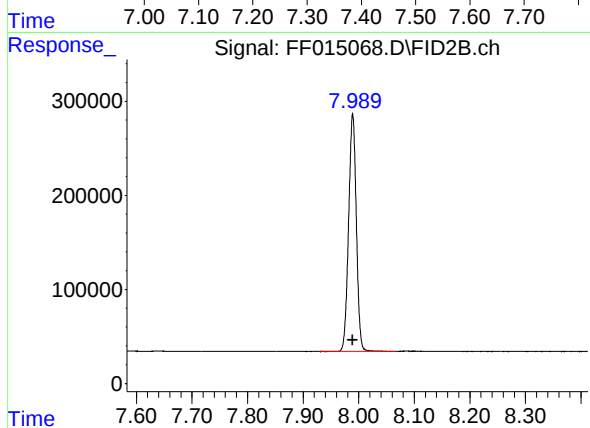
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2767369
Conc: 20.04 ug/ml



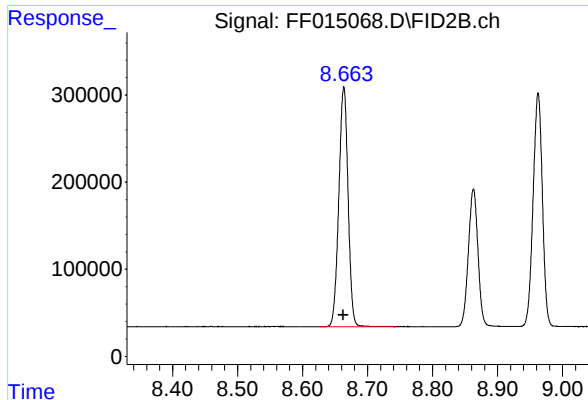
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 2688639
Conc: 19.94 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2434614
Conc: 19.94 ug/ml



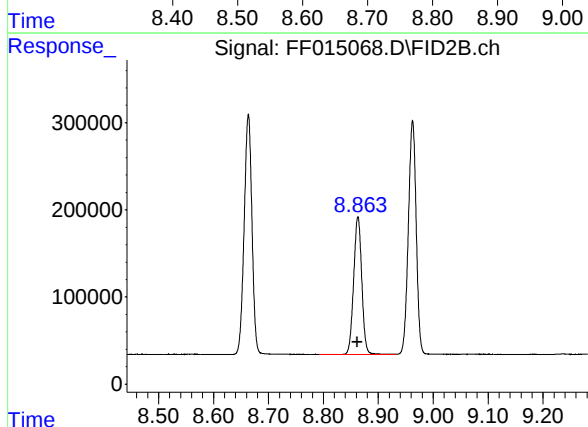
#5 Acenaphthylene (C15.06)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 2721269
Conc: 19.93 ug/ml

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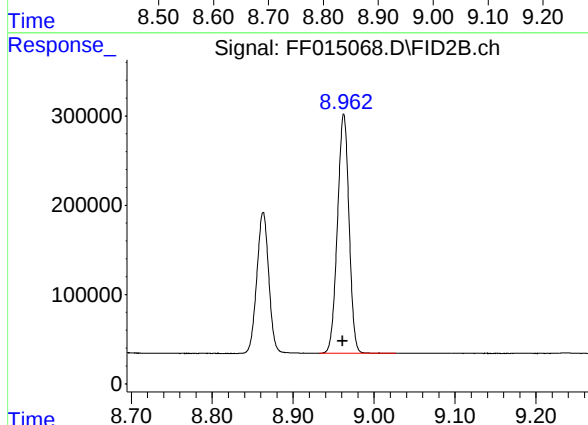
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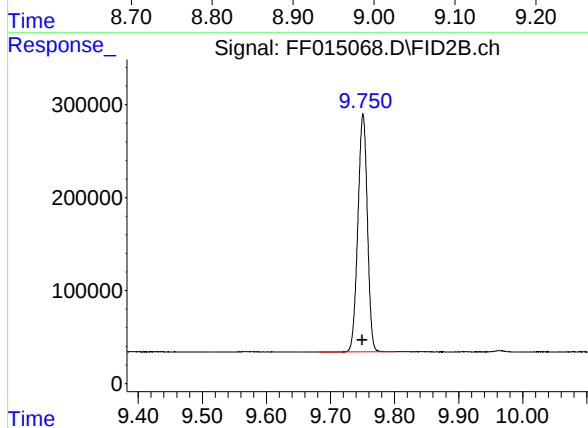
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1618457
Conc: 19.82 ug/ml



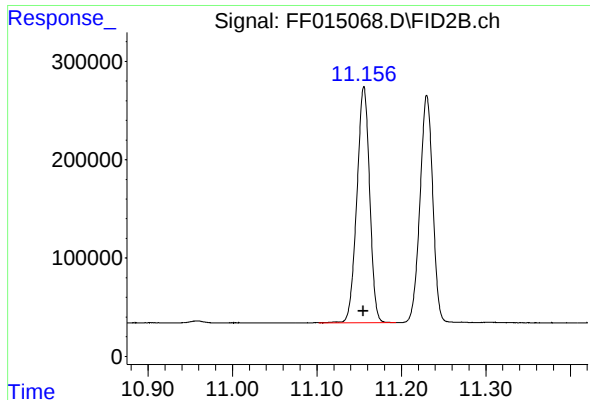
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.001 min
Response: 2662604
Conc: 19.92 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.751 min
Delta R.T.: 0.001 min
Response: 2633132
Conc: 19.73 ug/ml



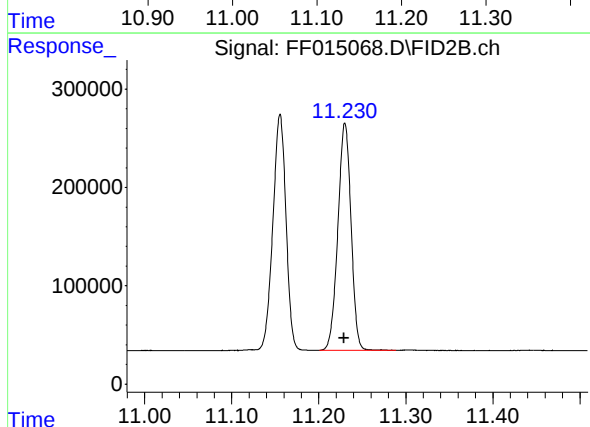
#9 Phenanthrene (C19.36)

R.T.: 11.156 min
Delta R.T.: 0.000 min
Response: 2519849
Conc: 19.62 ug/ml

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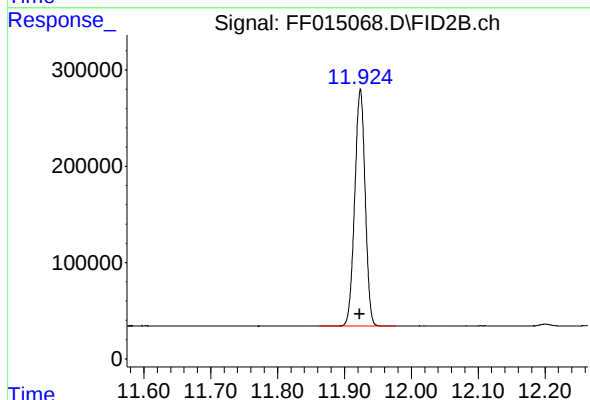
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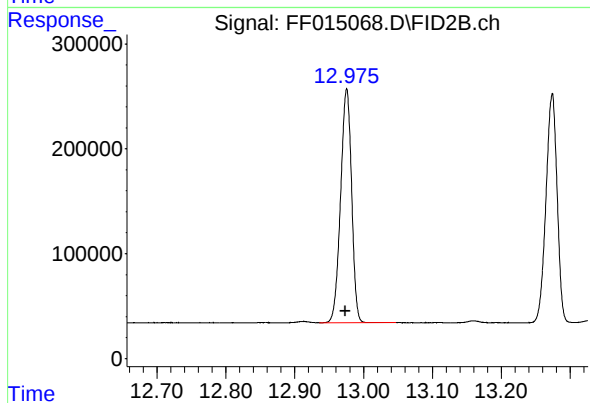
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.001 min
Response: 2427455
Conc: 19.24 ug/ml



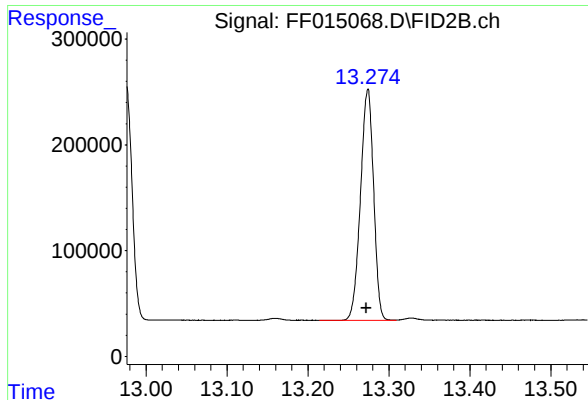
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 2666197
Conc: 19.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.975 min
Delta R.T.: 0.002 min
Response: 2475152
Conc: 19.79 ug/ml



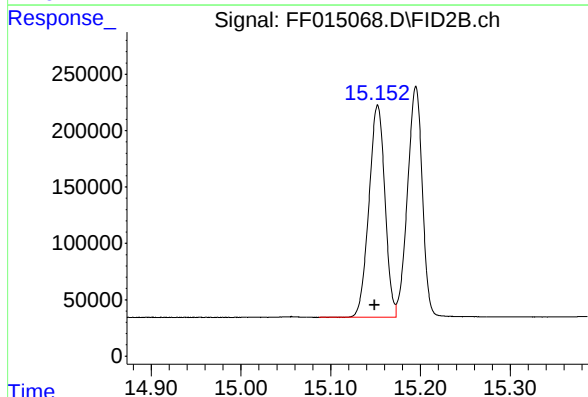
#13 Pyrene (C20.8)

R.T.: 13.274 min
Delta R.T.: 0.002 min
Response: 2459341
Conc: 19.91 ug/ml

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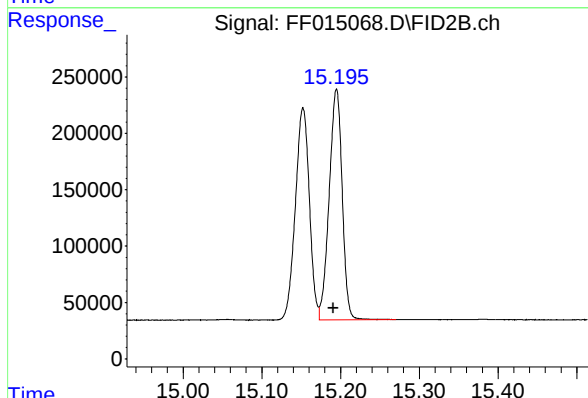
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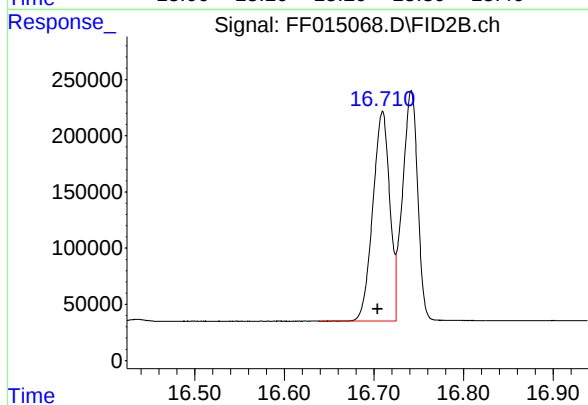
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.003 min
Response: 2318222
Conc: 19.55 ug/ml



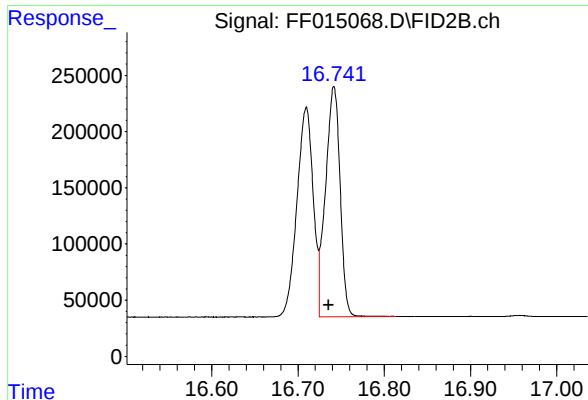
#15 Chrysene (C27.41)

R.T.: 15.195 min
Delta R.T.: 0.004 min
Response: 2346631
Conc: 19.65 ug/ml



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

R.T.: 16.709 min
Delta R.T.: 0.005 min
Response: 2437455
Conc: 20.18 ug/ml



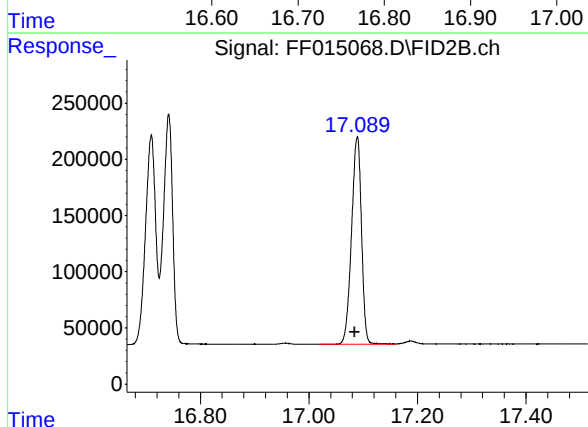
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.742 min
Delta R.T.: 0.006 min
Response: 2409527
Conc: 20.01 ug/ml

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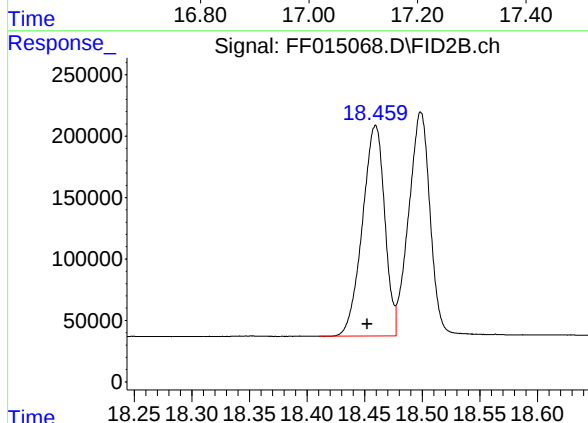
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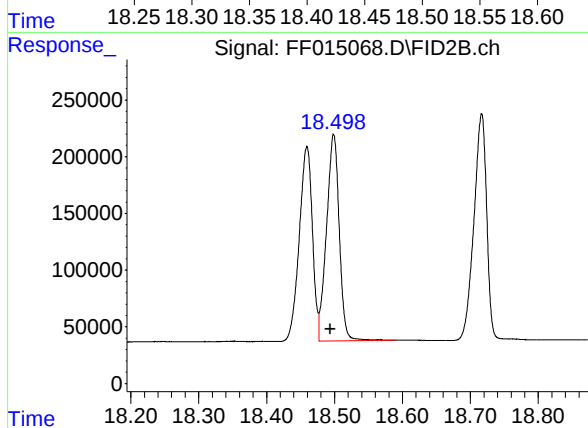
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.005 min
Response: 2342435
Conc: 20.10 ug/ml



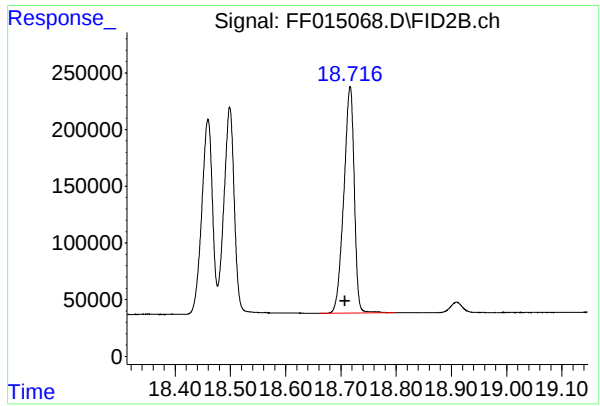
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.459 min
Delta R.T.: 0.007 min
Response: 2304555
Conc: 19.44 ug/ml



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

R.T.: 18.499 min
Delta R.T.: 0.005 min
Response: 2371778
Conc: 18.55 ug/ml



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

R.T.: 18.716 min
Delta R.T.: 0.009 min
Response: 2620221
Conc: 20.20 ug/ml

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