

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AR\
 Data File : FF015682.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 16:04
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Mar 17 16:13:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 14:57:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

03/18/2025
 Supervised By :mohammad
 ahmed

Compound	R.T.	Response	Conc Units
-----03/19/2025			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.000	2127806	20.573 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
6) S 2-Fluorobiphenyl (SURR)	8.880	1263035	21.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.30%
11) S ortho-Terphenyl (SURR)	11.935	2587779	20.109 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	2410523	20.093 ug/ml
2) T Naphthalene (C11.7)	6.278	2369094	20.624 ug/ml
3) T 2-Methylnaphthalene (...)	7.374	2340944	20.723 ug/ml
5) T Acenaphthylene (C15.06)	8.675	2533081	20.292 ug/ml
7) T Acenaphthene (C15.5)	8.972	2597454	20.107 ug/ml
8) T Flouorene (C16.55)	9.765	2433635	20.373 ug/ml
9) T Phenanthrene (C19.36)	11.173	2302810	20.572 ug/ml
10) T Anthracene (C19.43)	11.250	2215965	20.664 ug/ml
12) T Fluoranthene (C21.85)	12.998	2398443	20.278 ug/ml
13) T Pyrene (C20.8)	13.297	2445541	20.425 ug/ml
14) T Benzo[a]anthracene (C...	15.182	1896037	20.660 ug/ml
15) T Chrysene (C27.41)	15.222	2420939	20.327 ug/ml
16) T benzo[b]fluoranthene ...	16.743	2089662	20.443 ug/ml
17) T Bnezo[k]fluoranthene ...	16.774	2391546	19.983 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.129	2081709	20.301 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.506	1548889	18.835 ug/mlm
20) T Dibenz[a,h]anthracene...	18.545	2353287	20.001 ug/ml
21) T Benzo[g,h,i]perylene ...	18.757	2215623	19.359 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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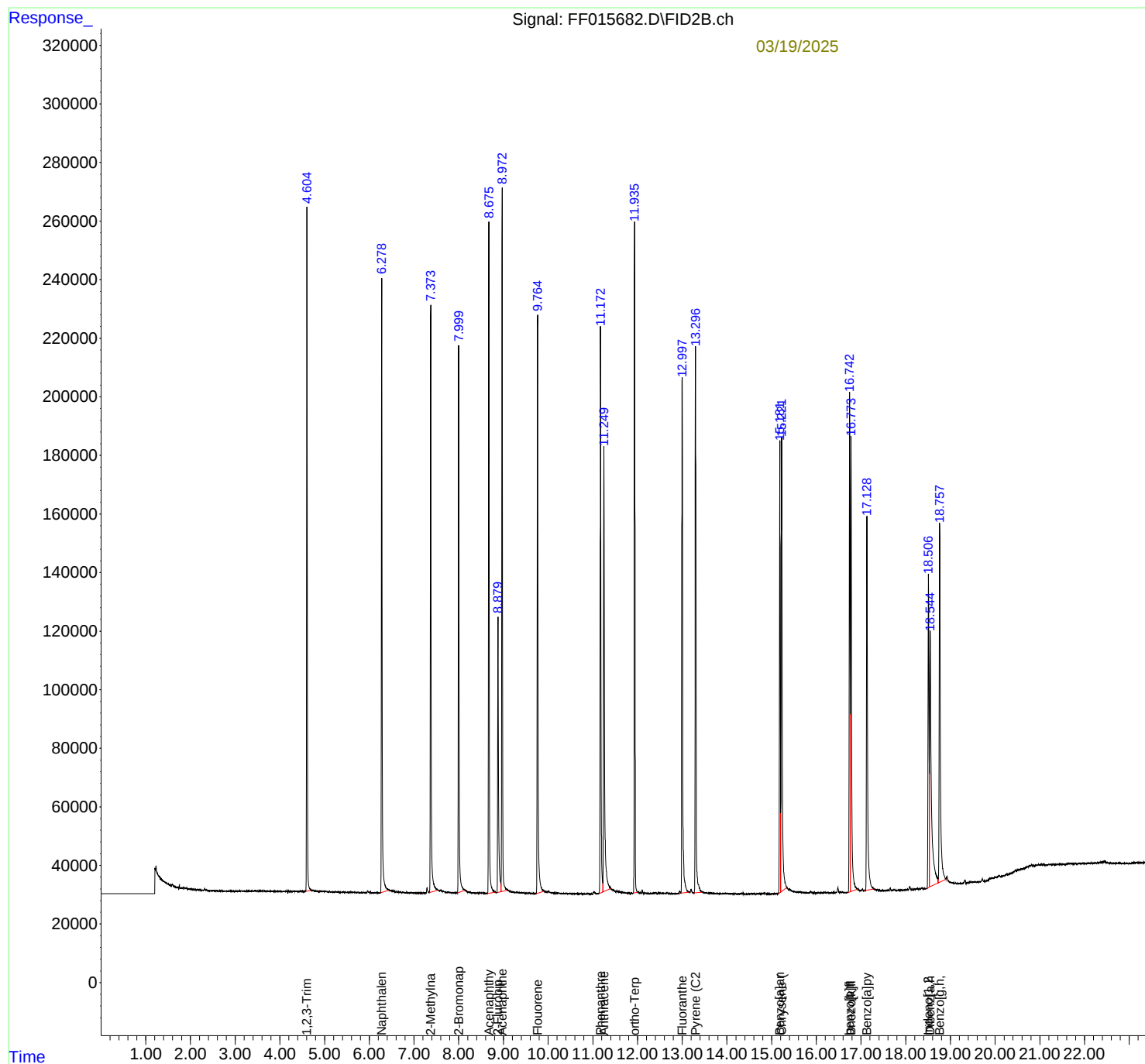
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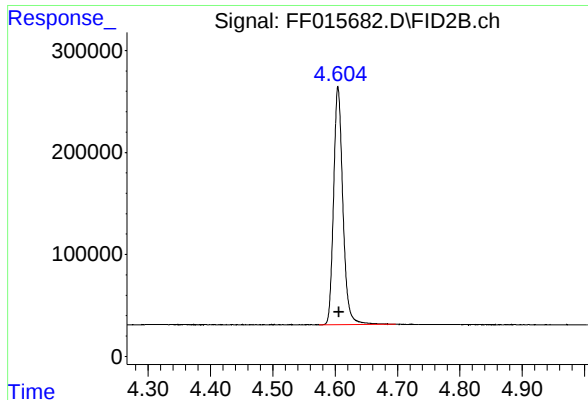
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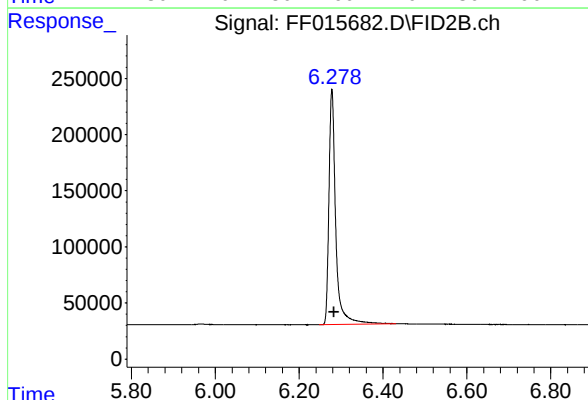
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.605 min
Delta R.T.: -0.001 min
Response: 2410523
Conc: 20.09 ug/ml

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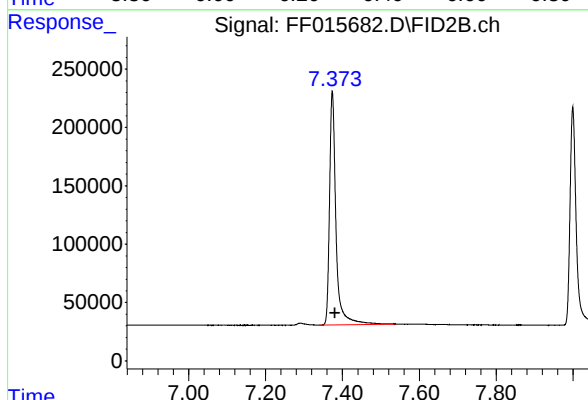


#2 Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.005 min
Response: 2369094
Conc: 20.62 ug/ml

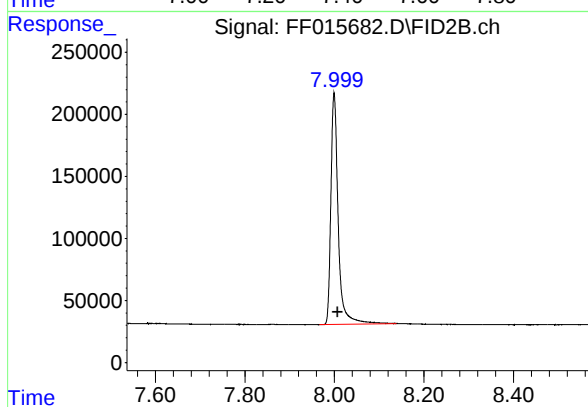
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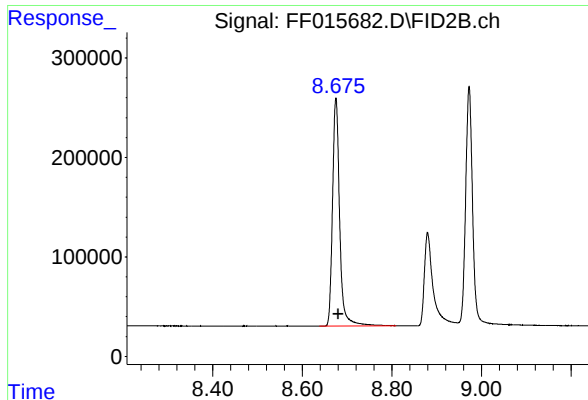
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.374 min
Delta R.T.: -0.007 min
Response: 2340944
Conc: 20.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.000 min
Delta R.T.: -0.007 min
Response: 2127806
Conc: 20.57 ug/ml



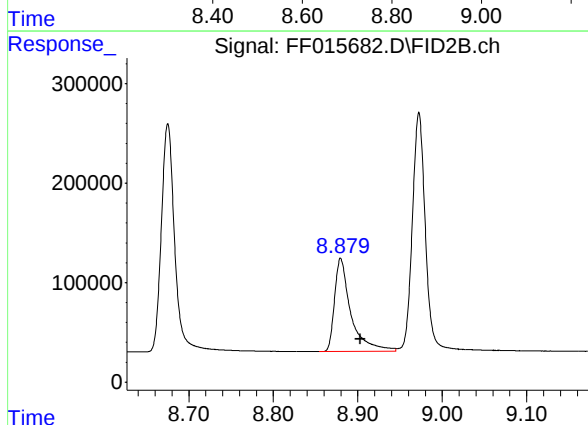
#5 Acenaphthylene (C15.06)

R.T.: 8.675 min
Delta R.T.: -0.005 min
Response: 2533081
Conc: 20.29 ug/ml

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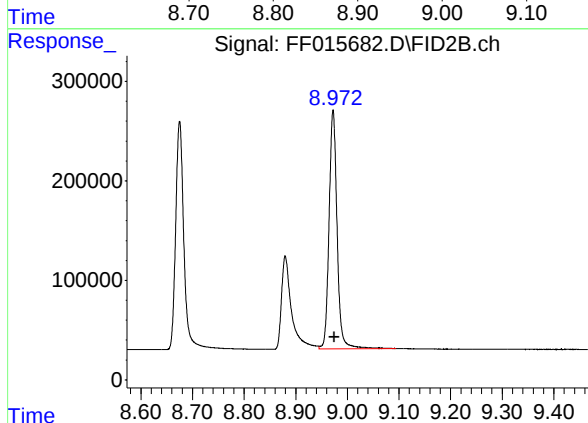


#6 2-Fluorobiphenyl (SURR)

R.T.: 8.880 min
Delta R.T.: -0.023 min
Response: 1263035
Conc: 21.15 ug/ml

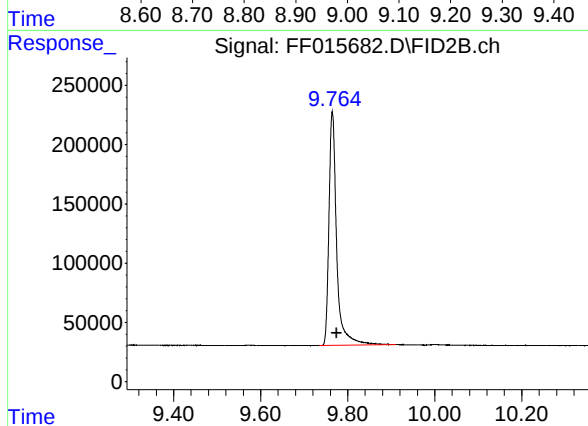
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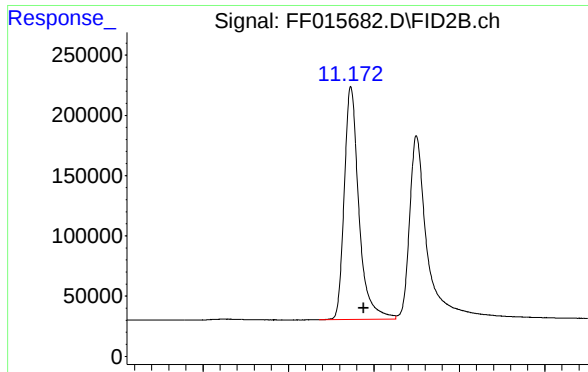
#7 Acenaphthene (C15.5)

R.T.: 8.972 min
Delta R.T.: -0.003 min
Response: 2597454
Conc: 20.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.765 min
Delta R.T.: -0.010 min
Response: 2433635
Conc: 20.37 ug/ml



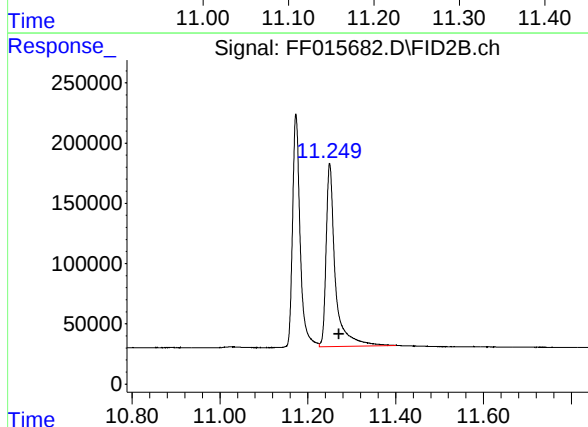
#9 Phenanthrene (C19.36)

R.T.: 11.173 min
Delta R.T.: -0.015 min
Response: 2302810
Conc: 20.57 ug/ml

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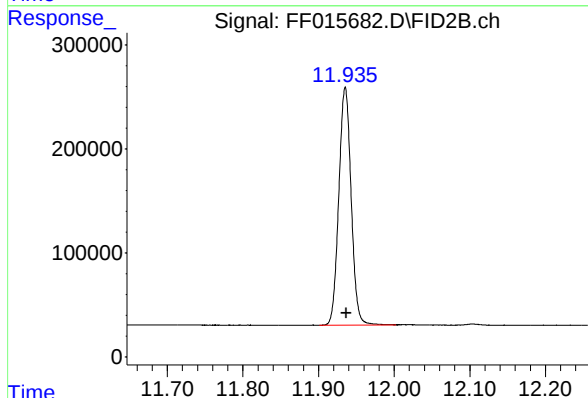


#10 Anthracene (C19.43)

R.T.: 11.250 min
Delta R.T.: -0.021 min
Response: 2215965
Conc: 20.66 ug/ml

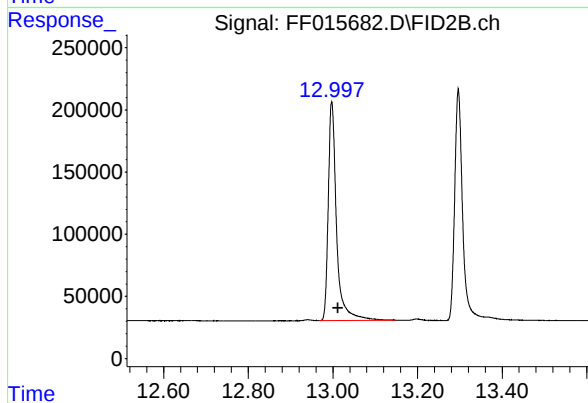
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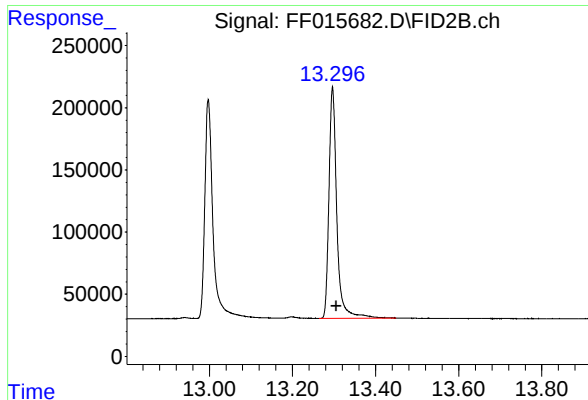
#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: -0.002 min
Response: 2587779
Conc: 20.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.998 min
Delta R.T.: -0.014 min
Response: 2398443
Conc: 20.28 ug/ml



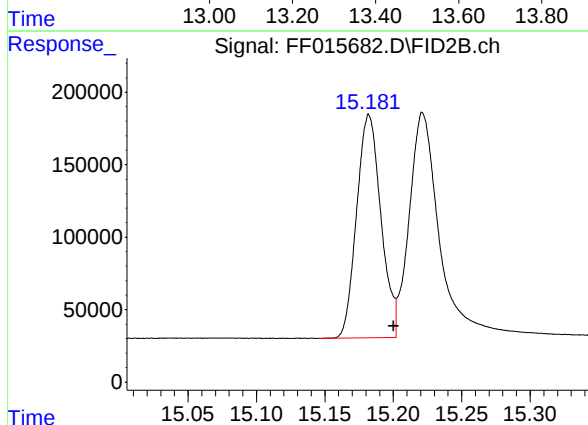
#13 Pyrene (C20.8)

R.T.: 13.297 min
Delta R.T.: -0.009 min
Response: 2445541
Conc: 20.43 ug/ml

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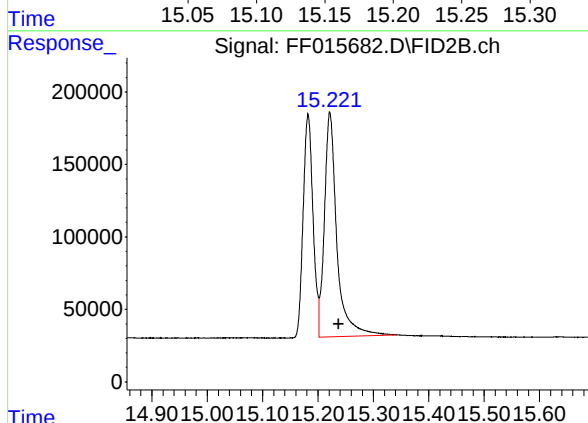
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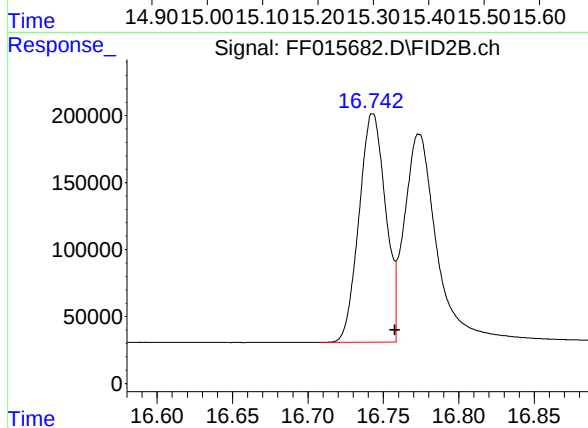
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.182 min
Delta R.T.: -0.018 min
Response: 1896037
Conc: 20.66 ug/ml



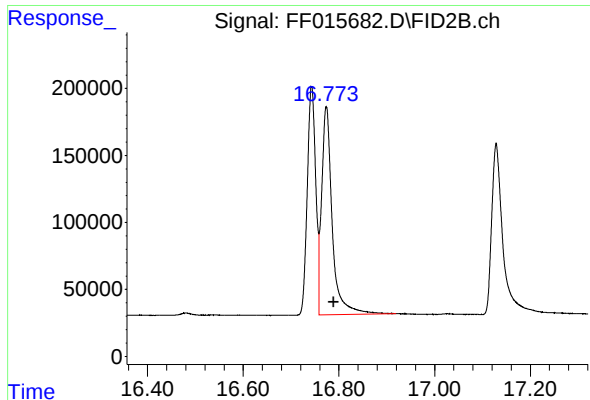
#15 Chrysene (C27.41)

R.T.: 15.222 min
Delta R.T.: -0.016 min
Response: 2420939
Conc: 20.33 ug/ml



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

R.T.: 16.743 min
Delta R.T.: -0.015 min
Response: 2089662
Conc: 20.44 ug/ml



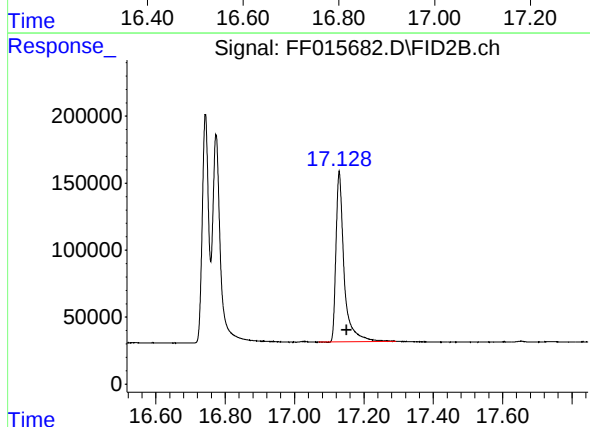
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.774 min
Delta R.T.: -0.016 min
Response: 2391546
Conc: 19.98 ug/ml

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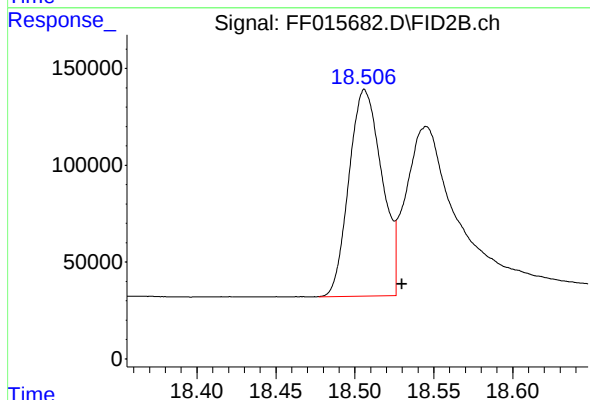
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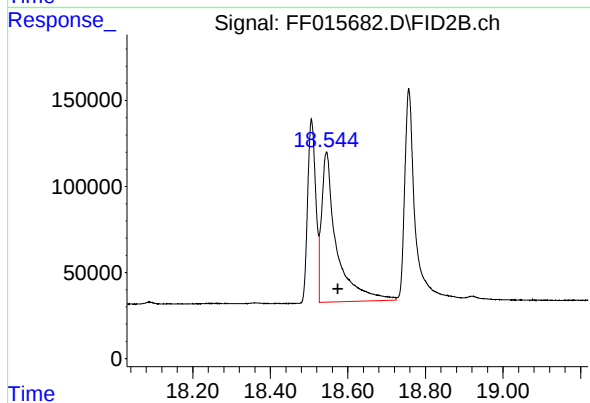
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min
Delta R.T.: -0.021 min
Response: 2081709
Conc: 20.30 ug/ml



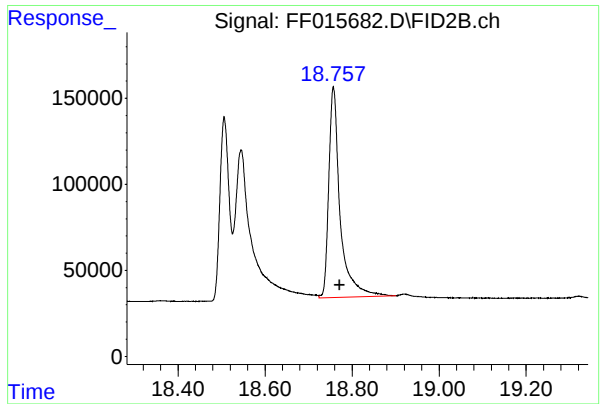
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.506 min
Delta R.T.: -0.024 min
Response: 1548889
Conc: 18.84 ug/ml m



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

R.T.: 18.545 min
Delta R.T.: -0.029 min
Response: 2353287
Conc: 20.00 ug/ml



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

R.T.: 18.757 min
Delta R.T.: -0.014 min
Response: 2215623
Conc: 19.36 ug/ml

Instrument :

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