

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015241.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 20:10
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e
 Quant Time: Jan 15 07:01:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 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...	7.989	1325151	9.703 ug/ml
Spiked Amount 50.000		Recovery =	19.41%
6) S 2-Fluorobiphenyl (SURR)	8.861	812579	9.294 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.59%
11) S ortho-Terphenyl (SURR)	11.923	1807583	10.244 ug/ml
Spiked Amount 50.000		Recovery =	20.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	1642634	10.047 ug/ml
2) T Naphthalene (C11.7)	6.269	1634097	9.932 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	1607329	9.810 ug/ml
5) T Acenaphthylene (C15.06)	8.662	1613284	9.827 ug/ml
7) T Acenaphthene (C15.5)	8.961	1661380	9.866 ug/ml
8) T Flouorene (C16.55)	9.749	1574177	9.702 ug/ml
9) T Phenanthrene (C19.36)	11.153	1645993	10.017 ug/ml
10) T Anthracene (C19.43)	11.228	1530830	10.076 ug/ml
12) T Fluoranthene (C21.85)	12.972	1740645	10.296 ug/ml
13) T Pyrene (C20.8)	13.270	1697234	10.172 ug/ml
14) T Benzo[a]anthracene (C...	15.149	1554594	10.164 ug/ml
15) T Chrysene (C27.41)	15.190	1627555	10.324 ug/ml
16) T benzo[b]fluoranthene ...	16.705	1530446	10.084 ug/ml
17) T Bnezo[k]fluoranthene ...	16.736	1467978	10.254 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.085	1467773	10.153 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.455	1261241	9.844 ug/ml
20) T Dibenz[a,h]anthracene...	18.496	1584865	10.433 ug/ml
21) T Benzo[g,h,i]perylene ...	18.709	1402706	10.198 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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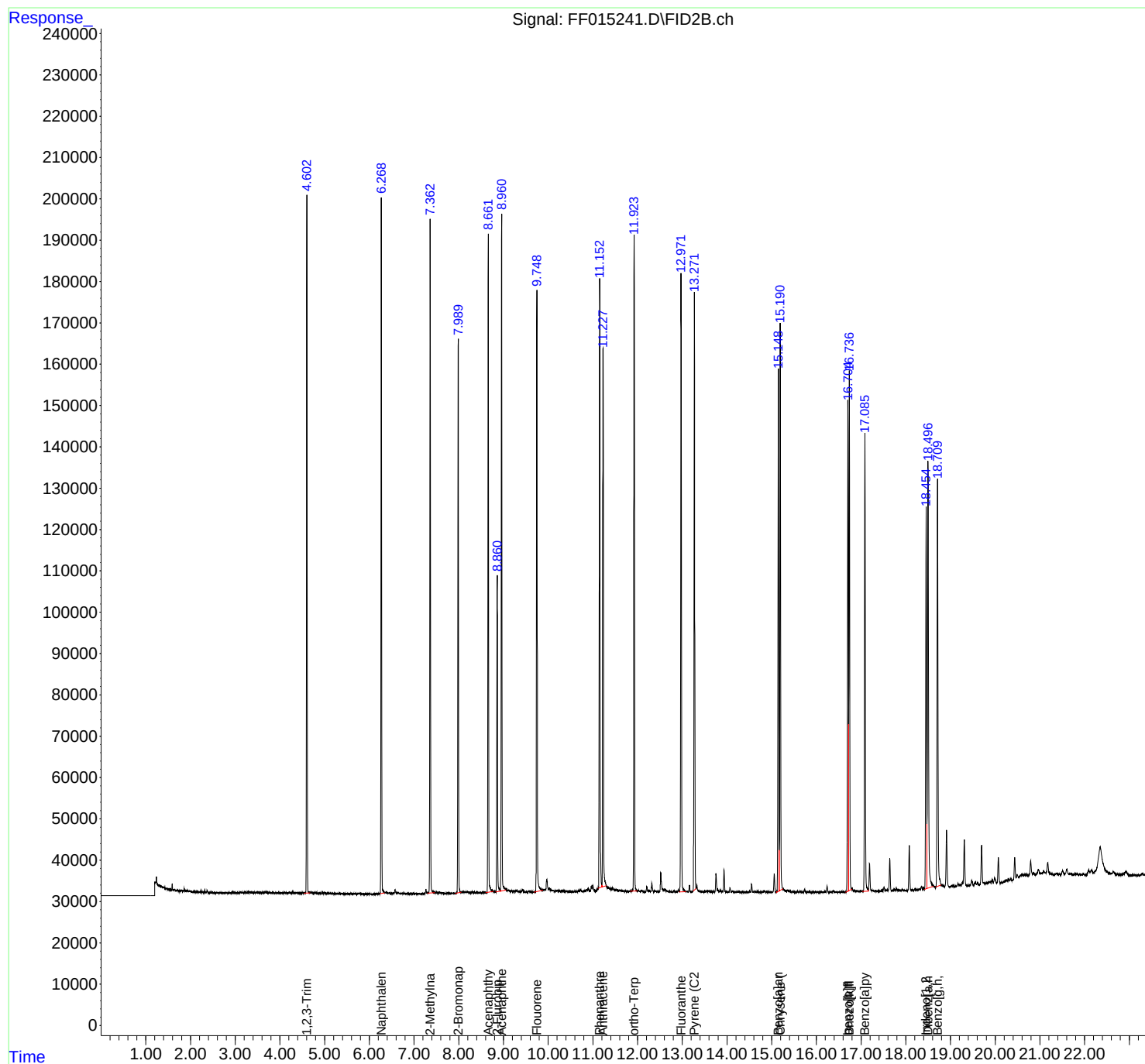
Instrument :
FID_F
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10 PPM AROMATIC HC STD4

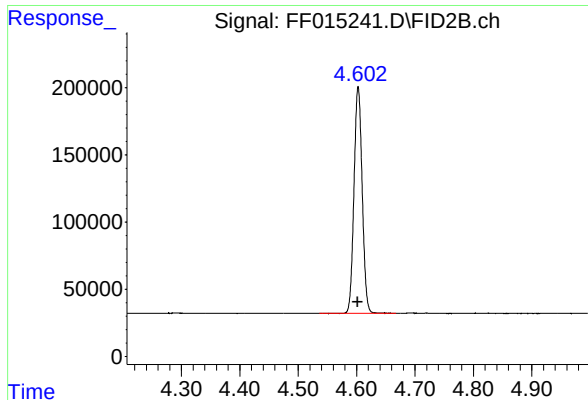
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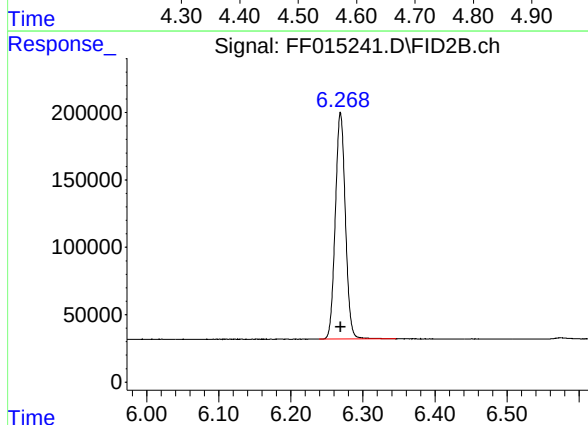
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 1642634
Conc: 10.05 ug/ml

Instrument : FID_F
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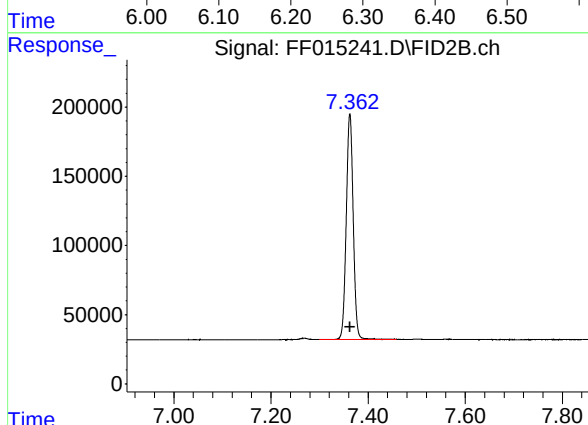
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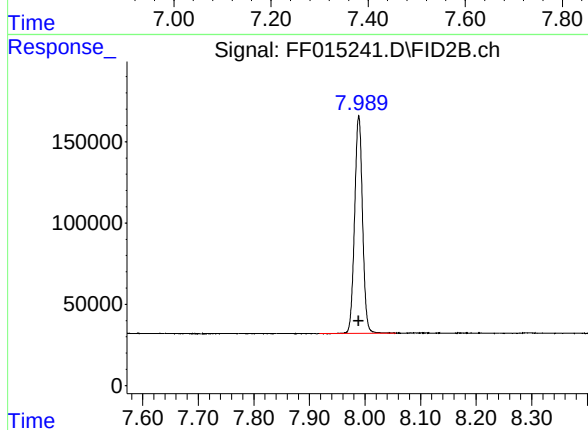
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 1634097
Conc: 9.93 ug/ml



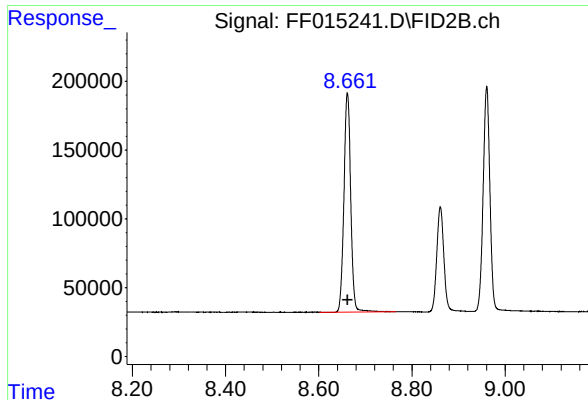
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 1607329
Conc: 9.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 1325151
Conc: 9.70 ug/ml



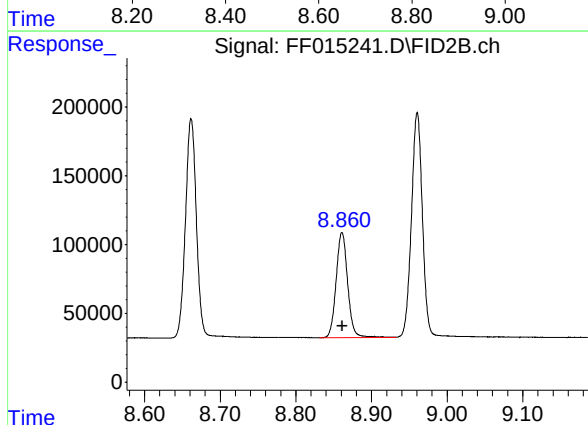
#5 Acenaphthylene (C15.06)

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 1613284
Conc: 9.83 ug/ml

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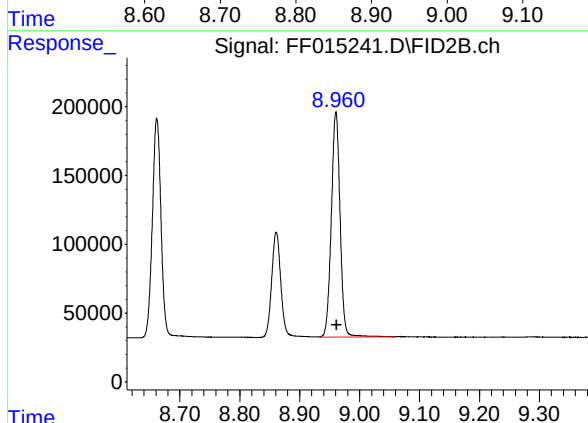
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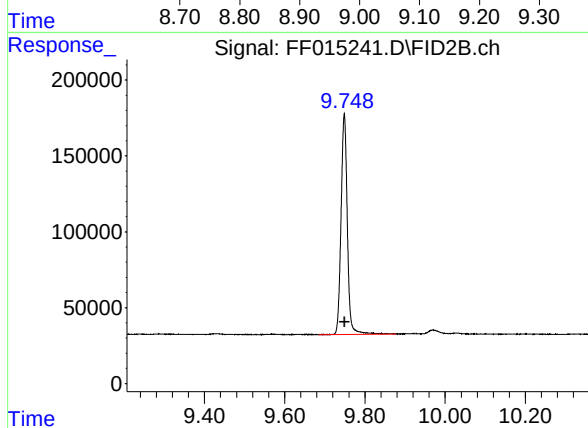
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 812579
Conc: 9.29 ug/ml



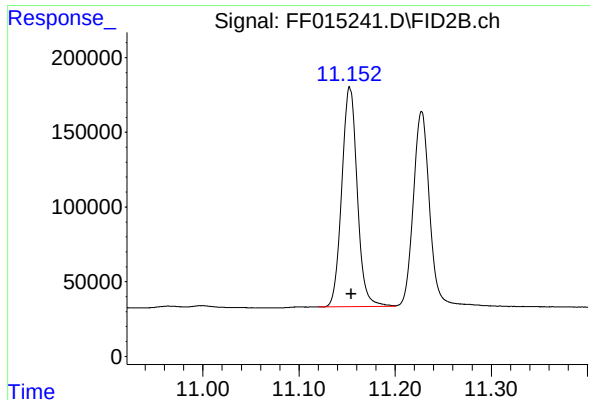
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: -0.001 min
Response: 1661380
Conc: 9.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 1574177
Conc: 9.70 ug/ml



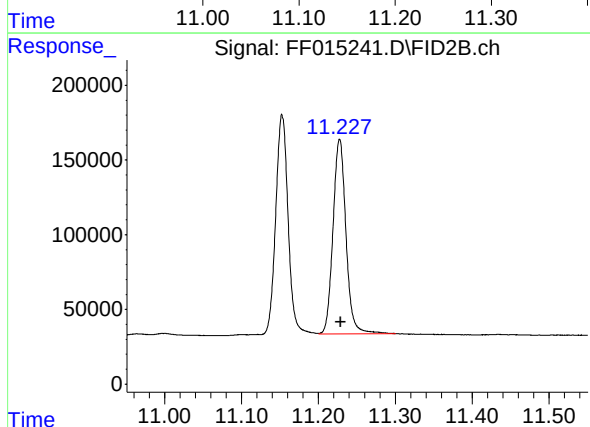
#9 Phenanthrene (C19.36)

R.T.: 11.153 min
Delta R.T.: -0.002 min
Response: 1645993
Conc: 10.02 ug/ml

Instrument : FID_F
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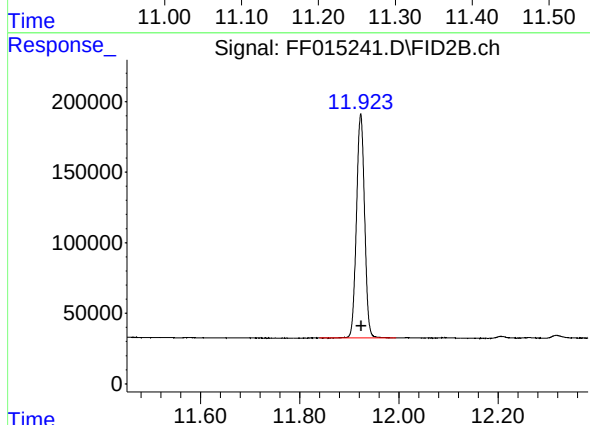
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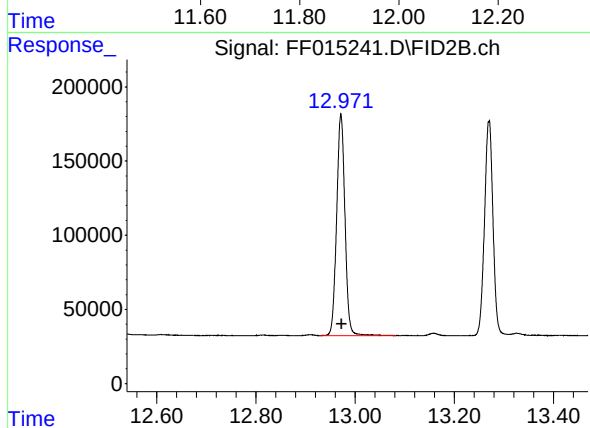
#10 Anthracene (C19.43)

R.T.: 11.228 min
Delta R.T.: -0.001 min
Response: 1530830
Conc: 10.08 ug/ml



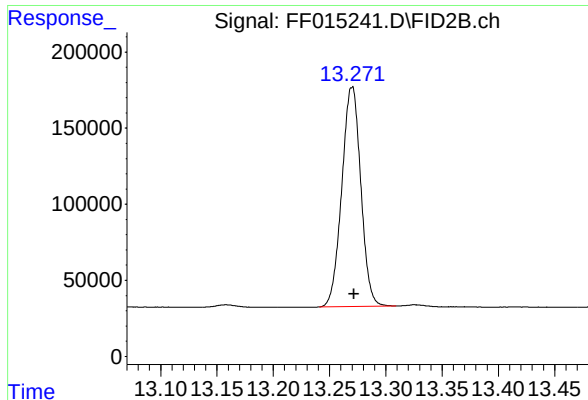
#11 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.001 min
Response: 1807583
Conc: 10.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 1740645
Conc: 10.30 ug/ml



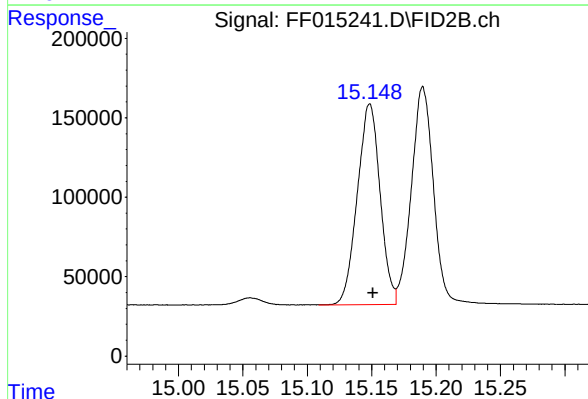
#13 Pyrene (C20.8)

R.T.: 13.270 min
Delta R.T.: -0.002 min
Response: 1697234
Conc: 10.17 ug/ml

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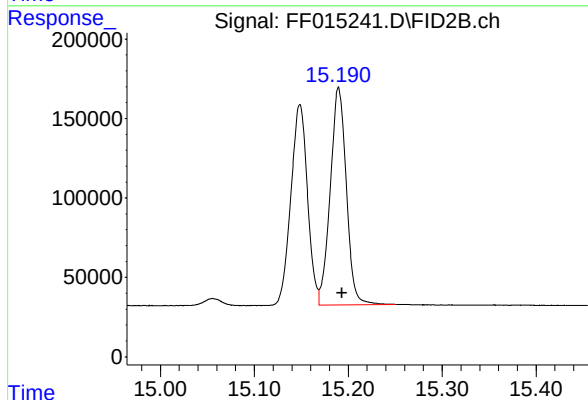
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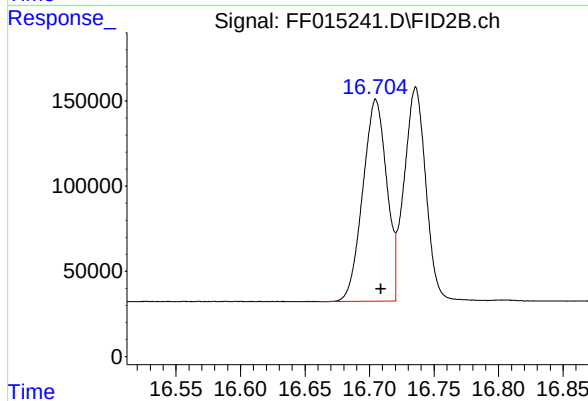
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.149 min
Delta R.T.: -0.003 min
Response: 1554594
Conc: 10.16 ug/ml



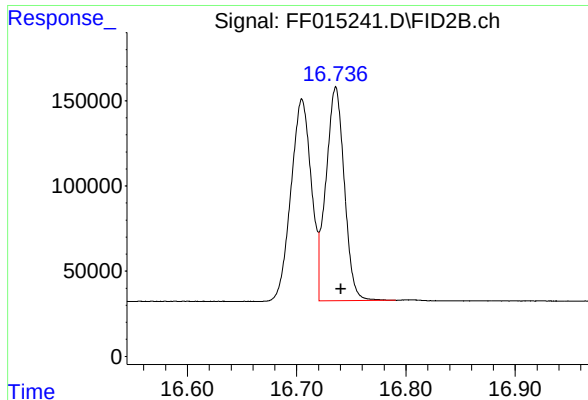
#15 Chrysene (C27.41)

R.T.: 15.190 min
Delta R.T.: -0.004 min
Response: 1627555
Conc: 10.32 ug/ml



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

R.T.: 16.705 min
Delta R.T.: -0.004 min
Response: 1530446
Conc: 10.08 ug/ml



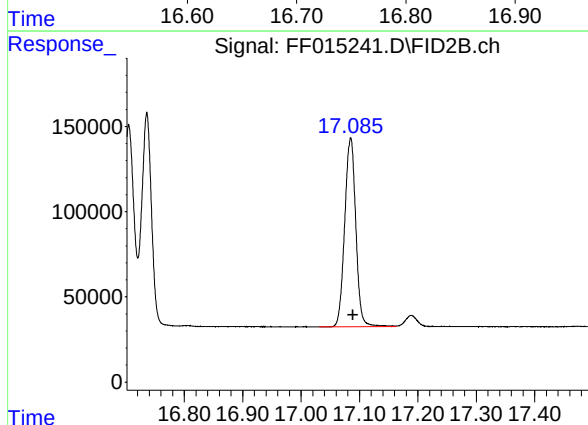
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.736 min
Delta R.T.: -0.005 min
Response: 1467978
Conc: 10.25 ug/ml

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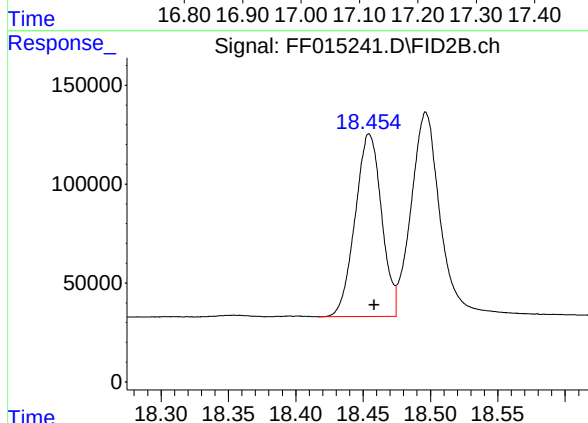
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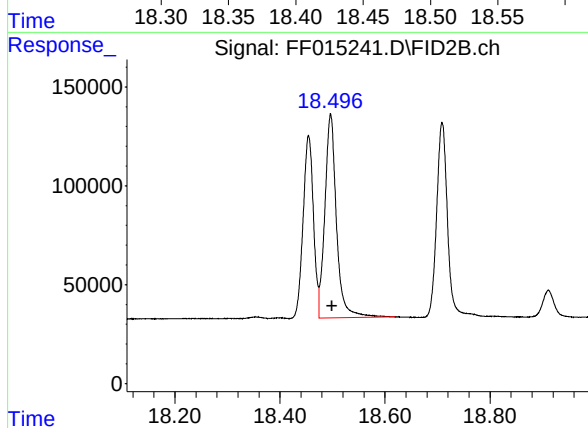
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.085 min
Delta R.T.: -0.004 min
Response: 1467773
Conc: 10.15 ug/ml



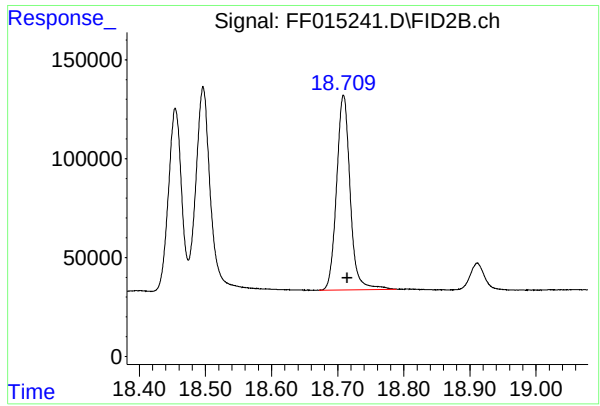
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.455 min
Delta R.T.: -0.004 min
Response: 1261241
Conc: 9.84 ug/ml



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

R.T.: 18.496 min
Delta R.T.: -0.002 min
Response: 1584865
Conc: 10.43 ug/ml



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

R.T.: 18.709 min
Delta R.T.: -0.006 min
Response: 1402706
Conc: 10.20 ug/ml

Instrument :

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ClientSampleId :

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