

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015528.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 09:30
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 26 12:31:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:26:20 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	5704504	50.103 ug/ml
Spiked Amount 50.000		Recovery =	100.21%
6) S 2-Fluorobiphenyl (SURR)	8.871	3814026	50.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.29%
11) S ortho-Terphenyl (SURR)	11.935	6832040	49.742 ug/ml
Spiked Amount 50.000		Recovery =	99.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	6140419	50.105 ug/ml
2) T Naphthalene (C11.7)	6.273	6321551	50.314 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	6257474	50.175 ug/ml
5) T Acenaphthylene (C15.06)	8.671	6644719	49.887 ug/ml
7) T Acenaphthene (C15.5)	8.970	6592692	49.832 ug/ml
8) T Fluorene (C16.55)	9.760	6568021	50.185 ug/ml
9) T Phenanthrene (C19.36)	11.168	6485720	50.279 ug/ml
10) T Anthracene (C19.43)	11.243	6294334	50.220 ug/ml
12) T Fluoranthene (C21.85)	12.992	6736882	49.979 ug/ml
13) T Pyrene (C20.8)	13.290	6713113	49.608 ug/ml
14) T Benzo[a]anthracene (C...	15.173	6382398	50.538 ug/ml
15) T Chrysene (C27.41)	15.217	6702862	49.192 ug/ml
16) T benzo[b]fluoranthene ...	16.736	6507369	50.011 ug/ml
17) T Bnezo[k]fluoranthene ...	16.770	6701753	49.386 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.116	6283729	51.277 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.492	5436862	50.428 ug/ml
20) T Dibenz[a,h]anthracene...	18.528	6261165	49.789 ug/ml
21) T Benzo[g,h,i]perylene ...	18.749	6049307	49.956 ug/ml

(f)=RT Delta > 1/2 Window

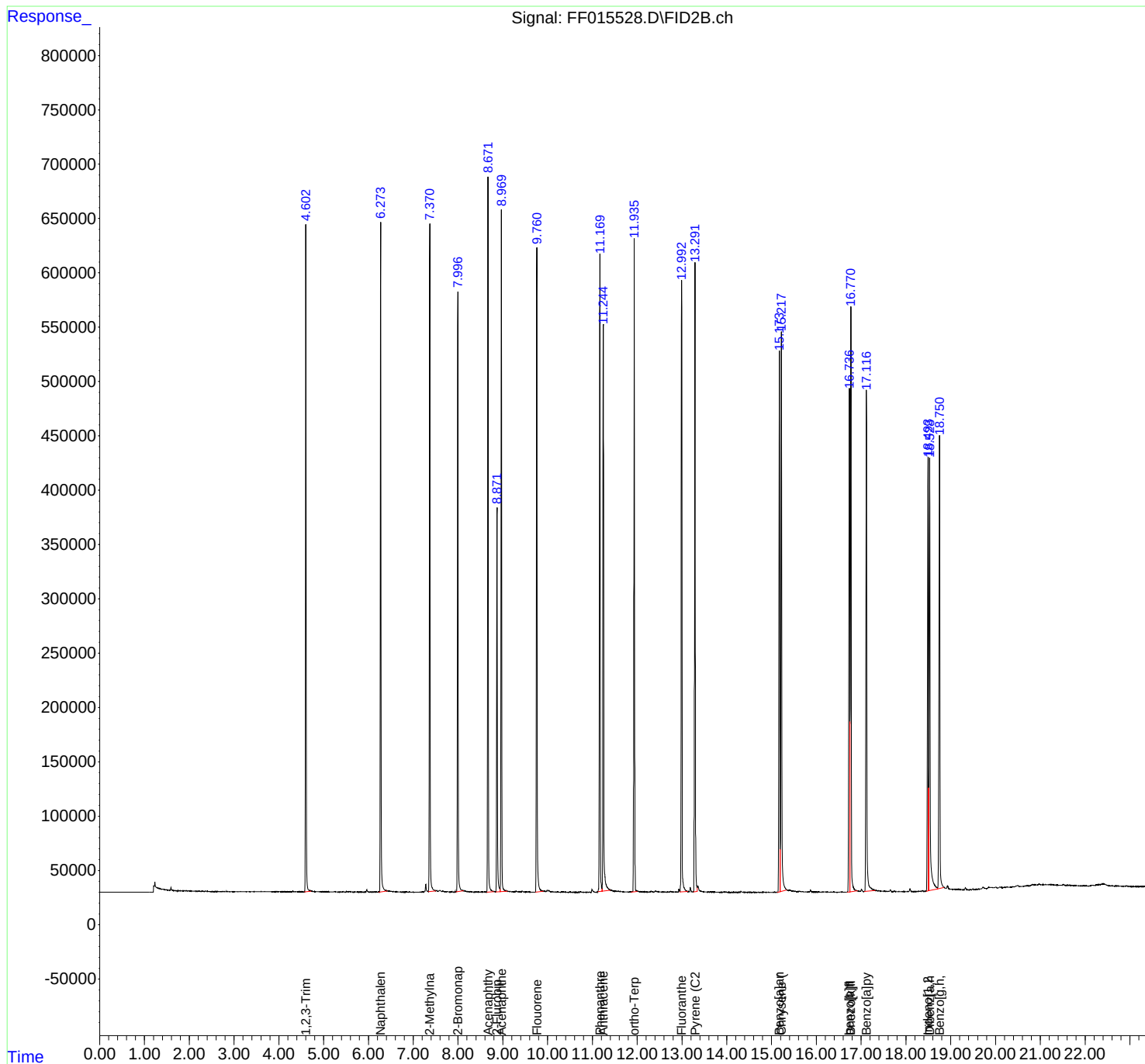
(m)=manual int.

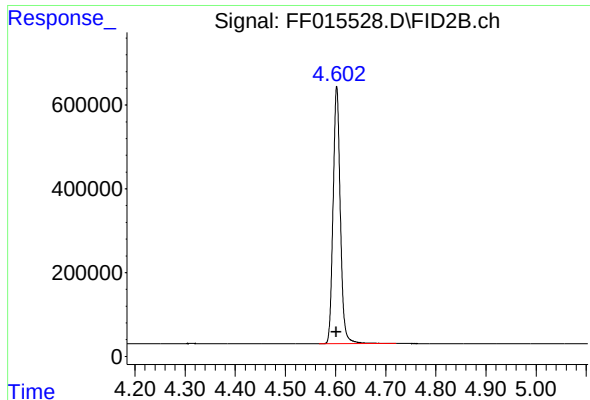
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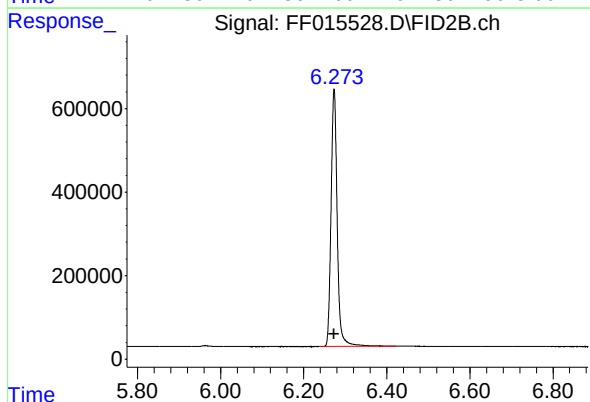




#1 1,2,3-Trimethylbenzene (C10.1)

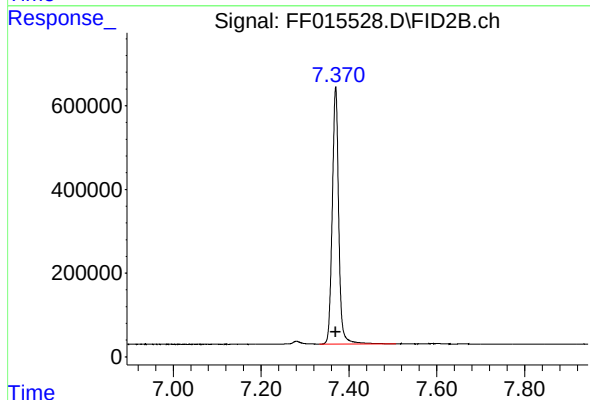
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 6140419
Conc: 50.11 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



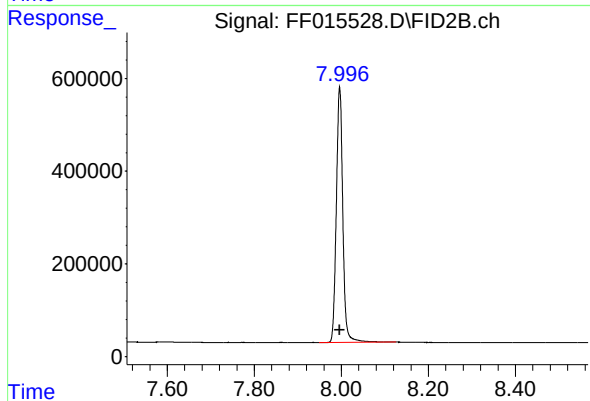
#2 Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 6321551
Conc: 50.31 ug/ml



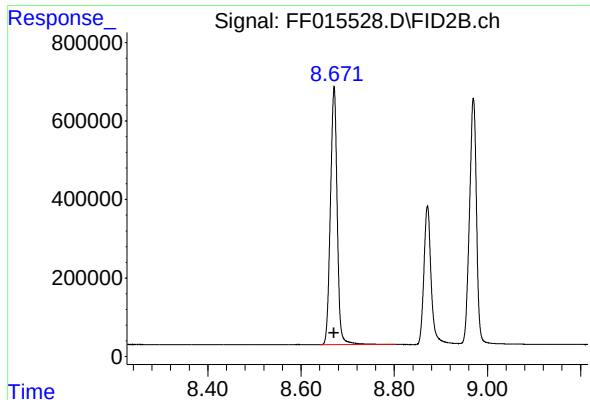
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 6257474
Conc: 50.17 ug/ml



#4 2-Bromonaphthalene (SURR)

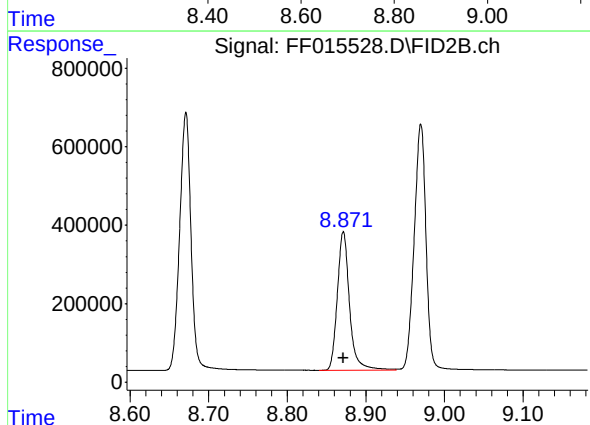
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 5704504
Conc: 50.10 ug/ml



#5 Acenaphthylene (C15.06)

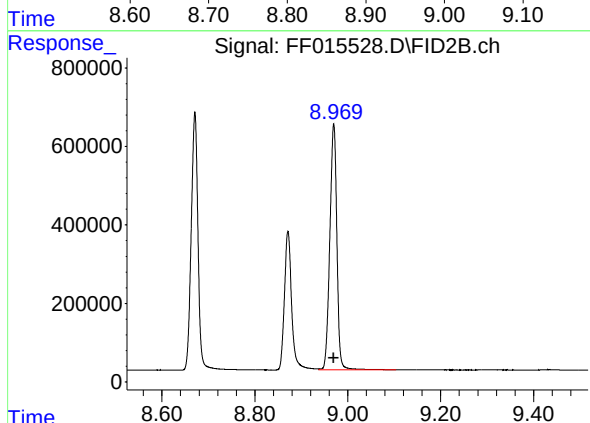
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 6644719
Conc: 49.89 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



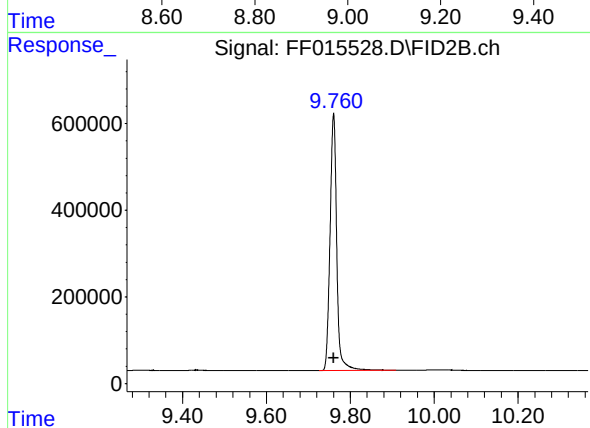
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 3814026
Conc: 50.64 ug/ml



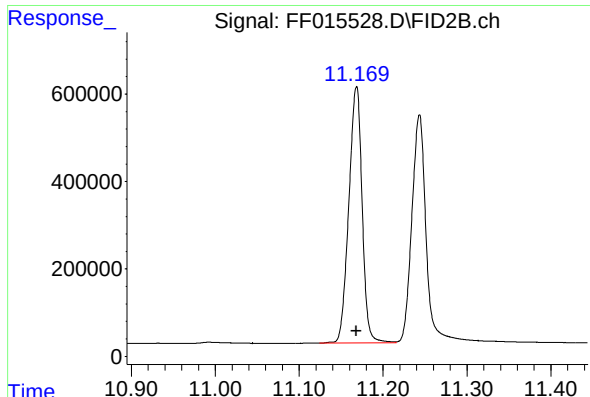
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 6592692
Conc: 49.83 ug/ml



#8 Fluorene (C16.55)

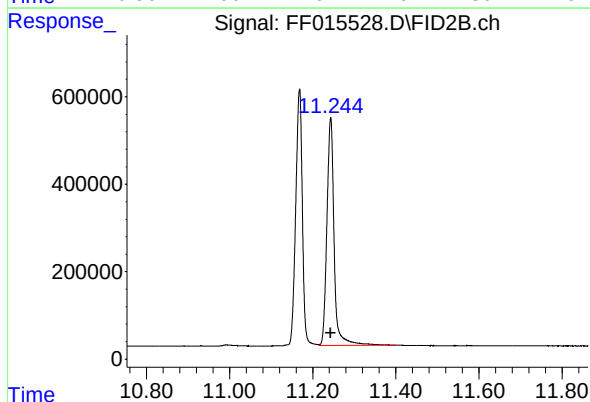
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 6568021
Conc: 50.18 ug/ml



#9 Phenanthrene (C19.36)

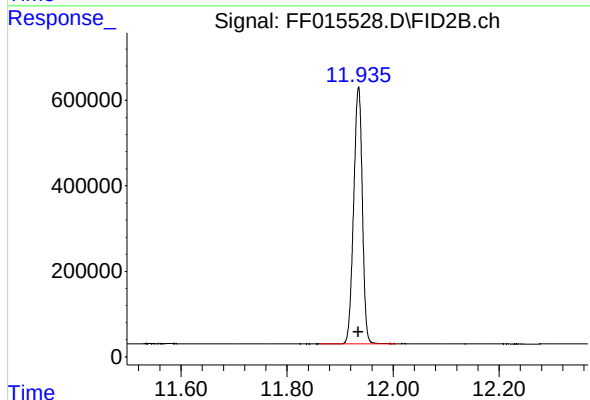
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 6485720
Conc: 50.28 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



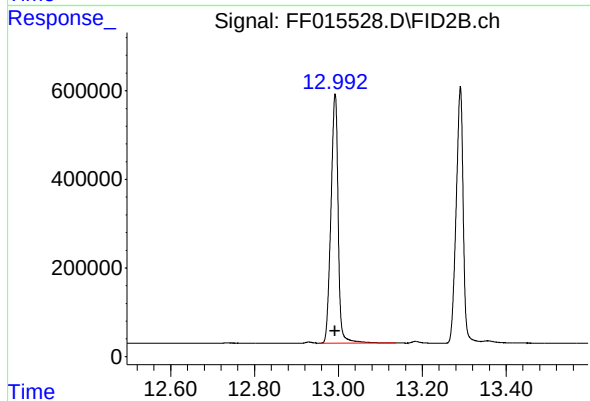
#10 Anthracene (C19.43)

R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 6294334
Conc: 50.22 ug/ml



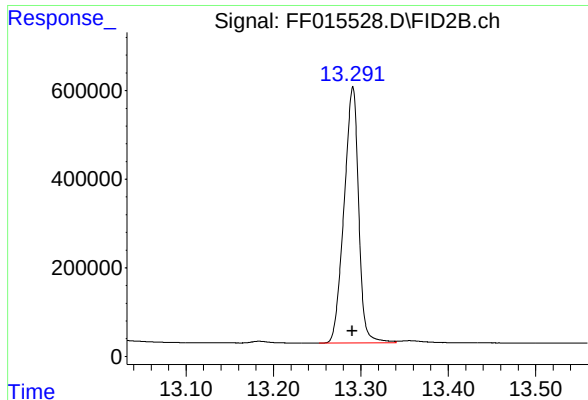
#11 ortho-Terphenyl (SURRE)

R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 6832040
Conc: 49.74 ug/ml



#12 Fluoranthene (C21.85)

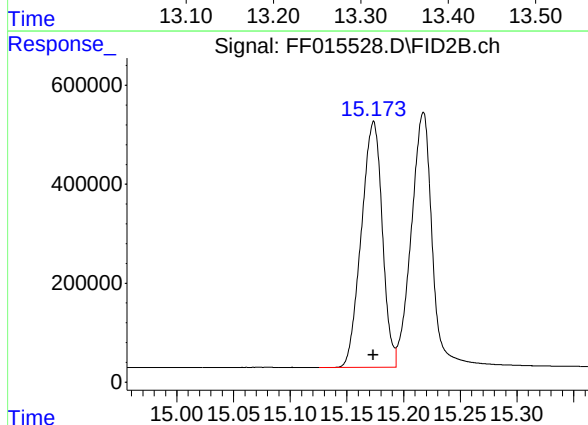
R.T.: 12.992 min
Delta R.T.: 0.000 min
Response: 6736882
Conc: 49.98 ug/ml



#13 Pyrene (C20.8)

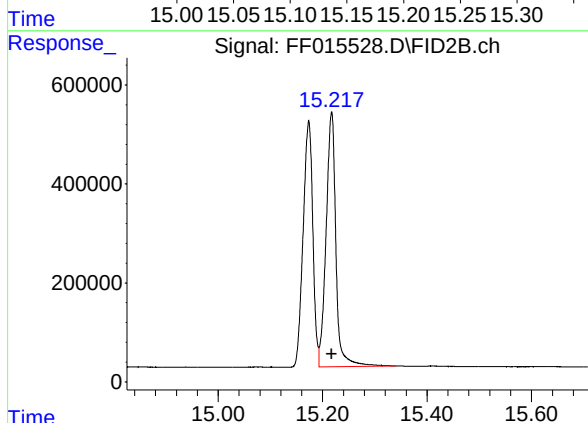
R.T.: 13.290 min
Delta R.T.: 0.000 min
Response: 6713113
Conc: 49.61 ug/ml

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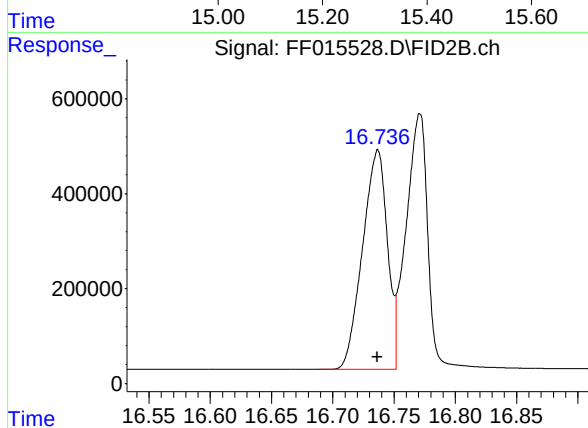
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.173 min
Delta R.T.: 0.000 min
Response: 6382398
Conc: 50.54 ug/ml



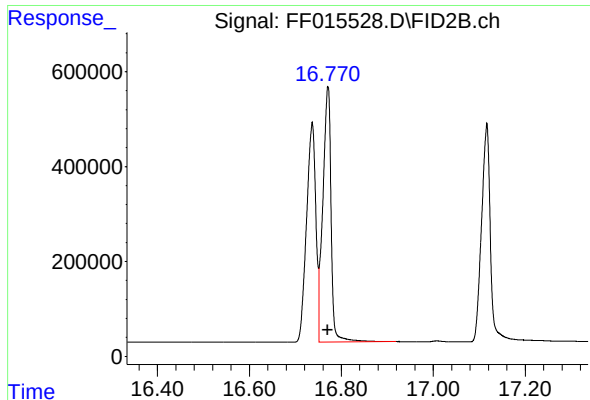
#15 Chrysene (C27.41)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 6702862
Conc: 49.19 ug/ml



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

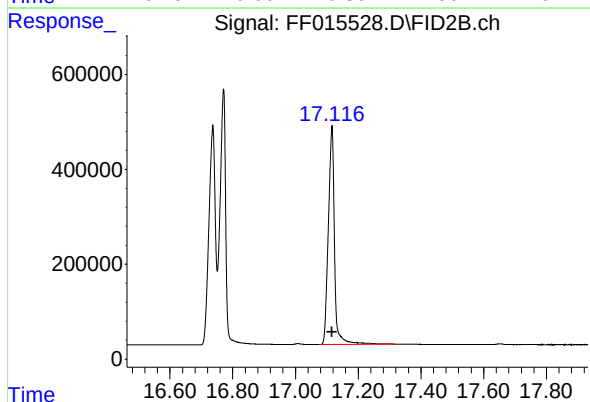
R.T.: 16.736 min
Delta R.T.: 0.000 min
Response: 6507369
Conc: 50.01 ug/ml



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

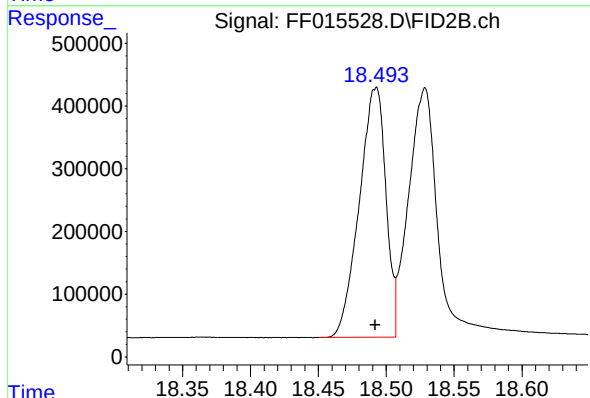
R.T.: 16.770 min
Delta R.T.: 0.000 min
Response: 6701753
Conc: 49.39 ug/ml

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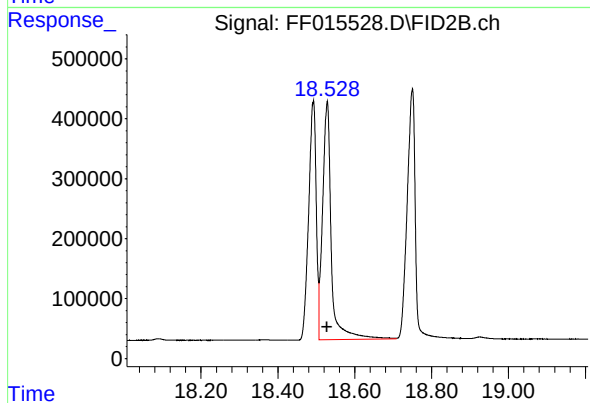
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.116 min
Delta R.T.: 0.000 min
Response: 6283729
Conc: 51.28 ug/ml



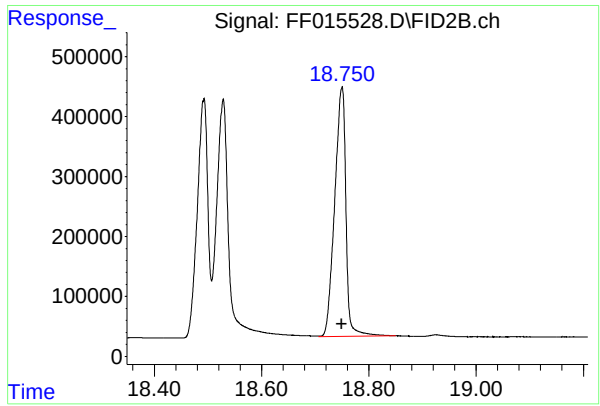
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.492 min
Delta R.T.: 0.000 min
Response: 5436862
Conc: 50.43 ug/ml



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

R.T.: 18.528 min
Delta R.T.: 0.000 min
Response: 6261165
Conc: 49.79 ug/ml



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

R.T.: 18.749 min
Delta R.T.: 0.000 min
Response: 6049307
Conc: 49.96 ug/ml

Instrument :
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ClientSampleId :
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