

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123124AR\
 Data File : FD048921.D
 Signal(s) : FID2B.ch
 Acq On : 31 Dec 2024 11:01
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 31 11:39:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 11:39:19 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...	7.362	1612857	10.221 ug/ml
Spiked Amount 50.000		Recovery =	20.44%
6) S 2-Fluorobiphenyl (SURR)	8.215	977311	9.594 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.19%
11) S ortho-Terphenyl (SURR)	11.243	1871602	10.252 ug/ml
Spiked Amount 50.000		Recovery =	20.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	1800738	10.459 ug/ml
2) T Naphthalene (C11.7)	5.702	1848001	10.134 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	1905404	10.322 ug/ml
5) T Acenaphthylene (C15.06)	8.012	1897586	10.365 ug/ml
7) T Acenaphthene (C15.5)	8.305	1992130	10.607 ug/ml
8) T Fluorene (C16.55)	9.087	1802048	10.080 ug/ml
9) T Phenanthrene (C19.36)	10.473	1767767	9.961 ug/ml
10) T Anthracene (C19.43)	10.551	1725001	10.203 ug/ml
12) T Fluoranthene (C21.85)	12.279	1844884	10.150 ug/ml
13) T Pyrene (C20.8)	12.571	1795847	10.015 ug/ml
14) T Benzo[a]anthracene (C...	14.441	1532616	9.282 ug/ml
15) T Chrysene (C27.41)	14.481	2018793	10.769 ug/ml
16) T benzo[b]fluoranthene ...	15.986	1628689	9.520 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	1914501	10.895 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	1676889	9.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	1213324	8.615 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	2005846	11.220 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	1714670	10.272 ug/ml

(f)=RT Delta > 1/2 Window

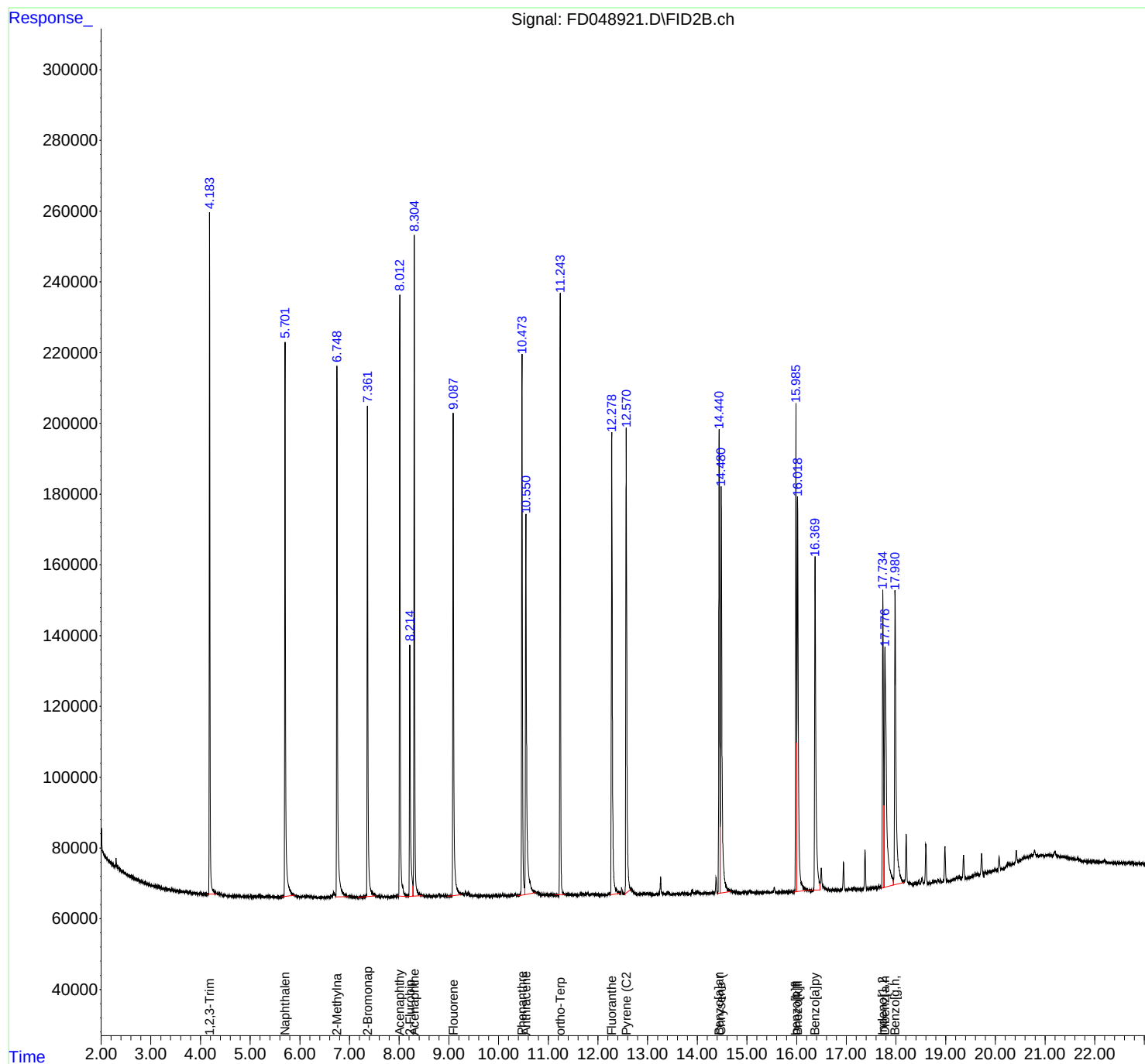
(m)=manual int.

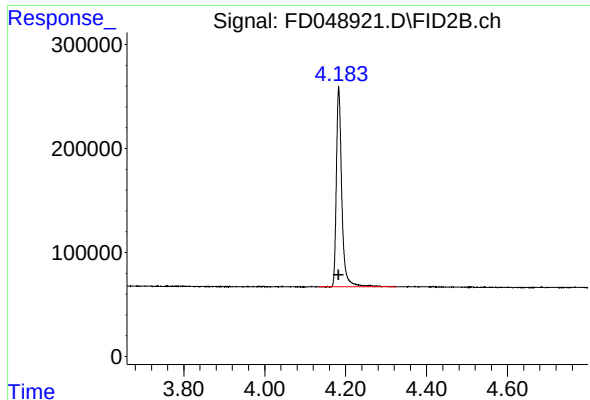
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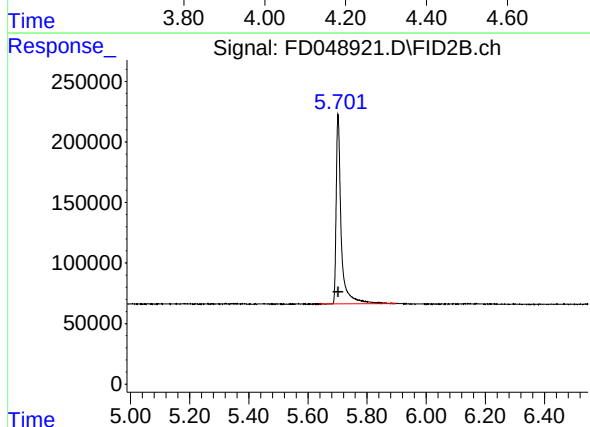




#1 1,2,3-Trimethylbenzene (C10.1)

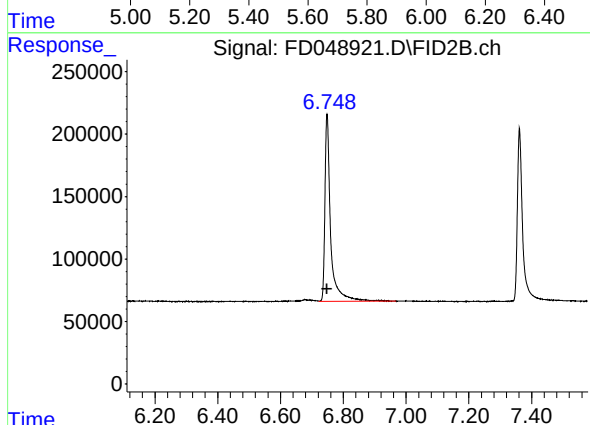
R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 1800738
Conc: 10.46 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



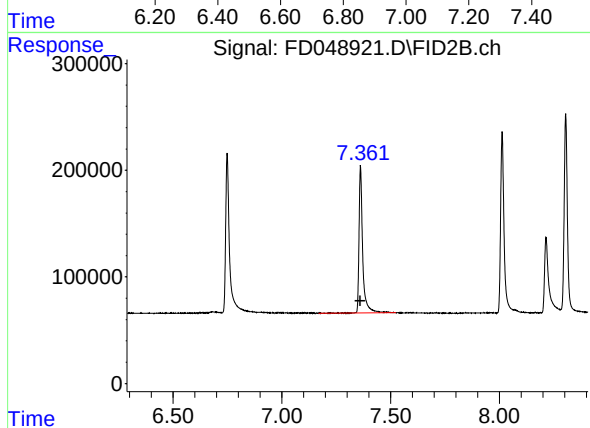
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 1848001
Conc: 10.13 ug/ml



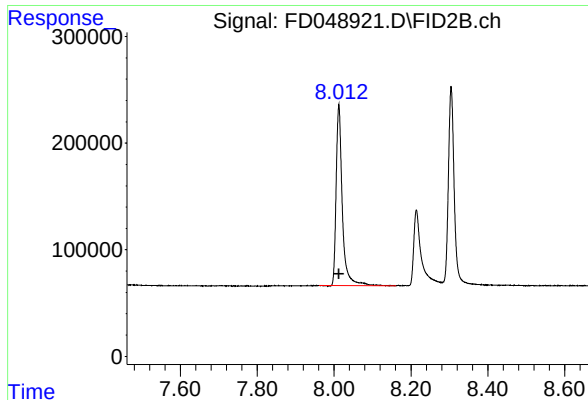
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 1905404
Conc: 10.32 ug/ml



#4 2-Bromonaphthalene (SURR)

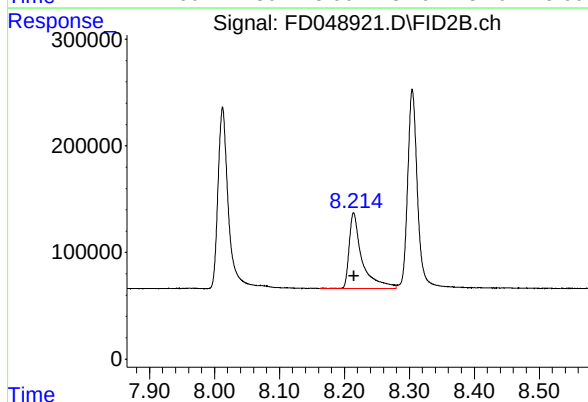
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 1612857
Conc: 10.22 ug/ml



#5 Acenaphthylene (C15.06)

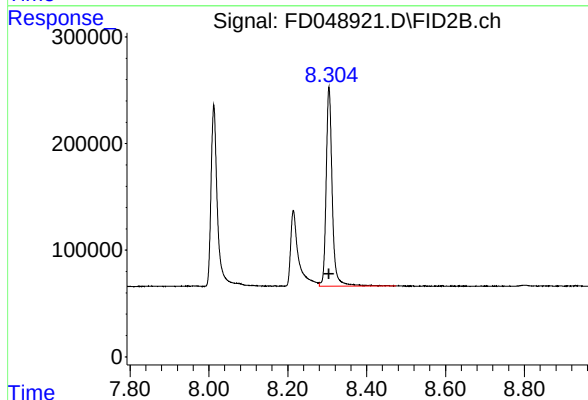
R.T.: 8.012 min
Delta R.T.: 0.000 min
Response: 1897586
Conc: 10.37 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



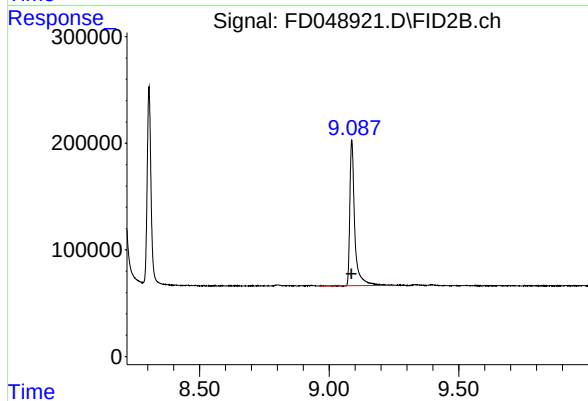
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 977311
Conc: 9.59 ug/ml



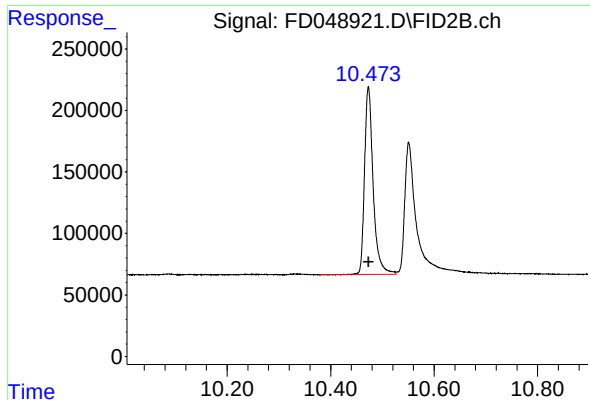
#7 Acenaphthene (C15.5)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 1992130
Conc: 10.61 ug/ml



#8 Fluorene (C16.55)

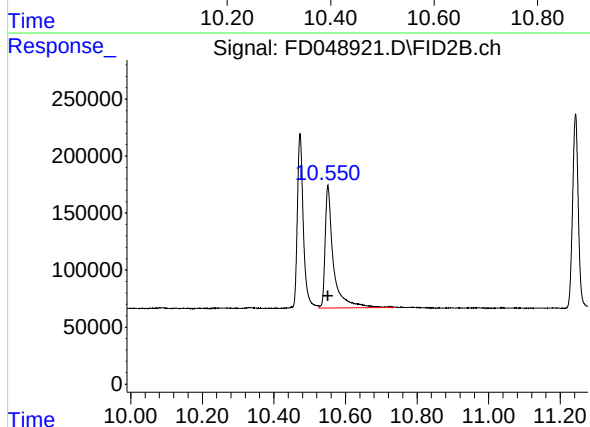
R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 1802048
Conc: 10.08 ug/ml



#9 Phenanthrene (C19.36)

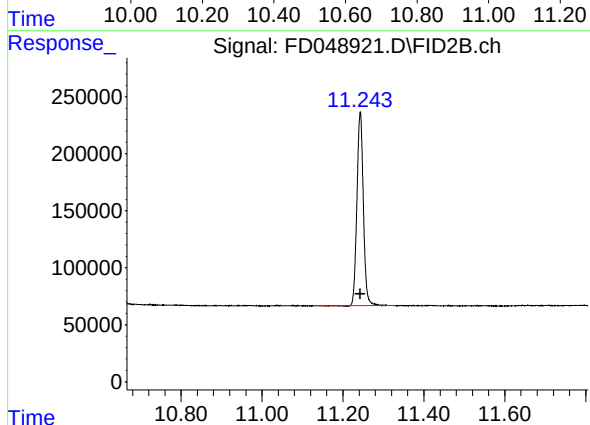
R.T.: 10.473 min
Delta R.T.: 0.000 min
Response: 1767767
Conc: 9.96 ug/ml

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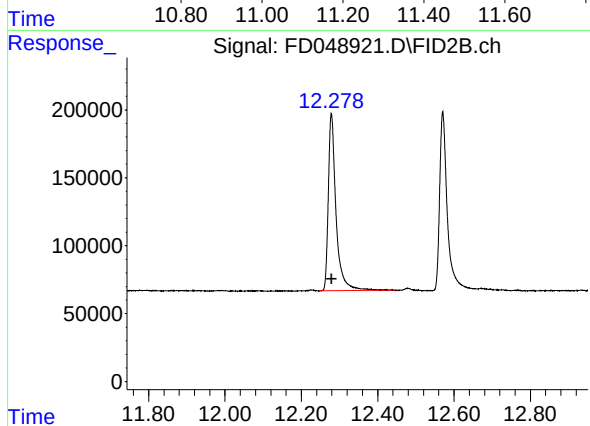
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 1725001
Conc: 10.20 ug/ml



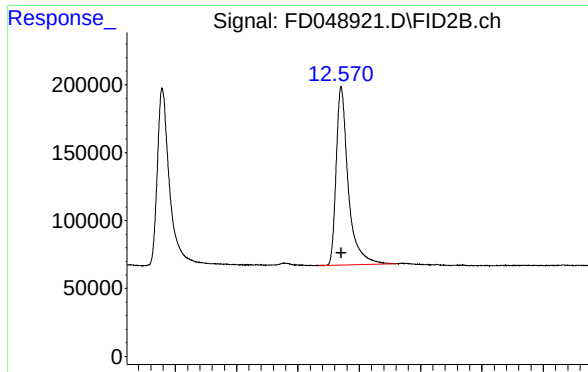
#11 ortho-Terphenyl (SURR)

R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 1871602
Conc: 10.25 ug/ml



#12 Fluoranthene (C21.85)

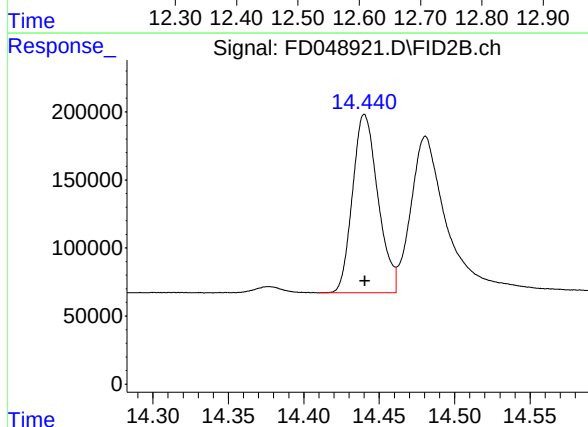
R.T.: 12.279 min
Delta R.T.: 0.000 min
Response: 1844884
Conc: 10.15 ug/ml



#13 Pyrene (C20.8)

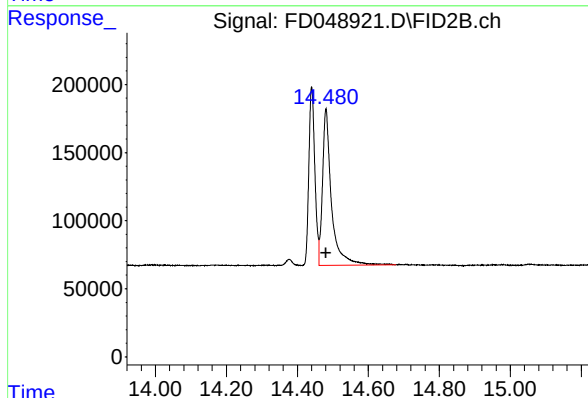
R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 1795847
Conc: 10.01 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



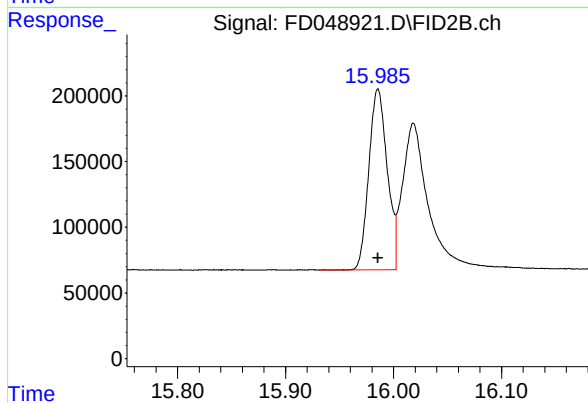
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: 0.000 min
Response: 1532616
Conc: 9.28 ug/ml



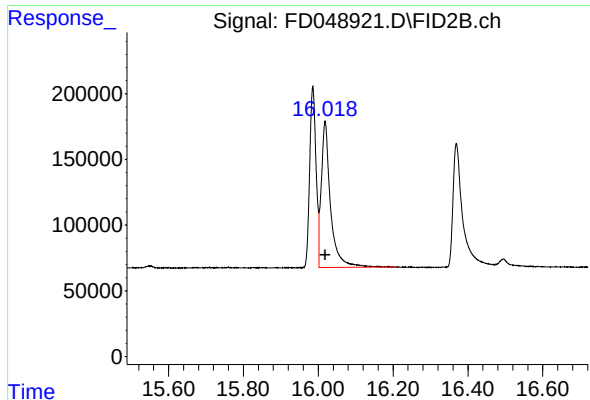
#15 Chrysene (C27.41)

R.T.: 14.481 min
Delta R.T.: 0.000 min
Response: 2018793
Conc: 10.77 ug/ml



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

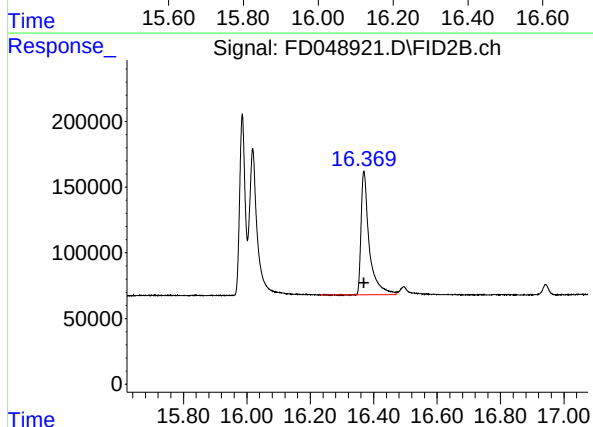
R.T.: 15.986 min
Delta R.T.: 0.000 min
Response: 1628689
Conc: 9.52 ug/ml



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

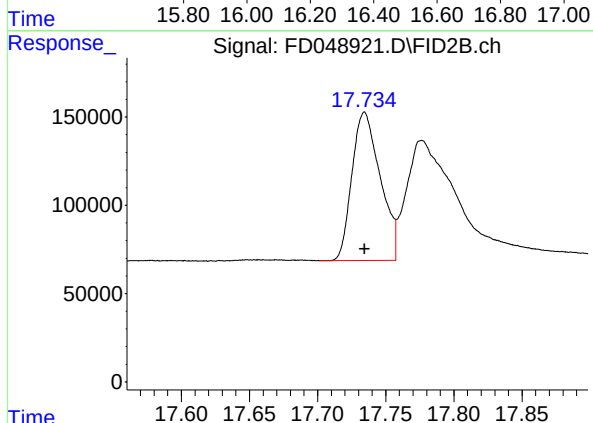
R.T.: 16.018 min
Delta R.T.: 0.000 min
Response: 1914501
Conc: 10.89 ug/ml

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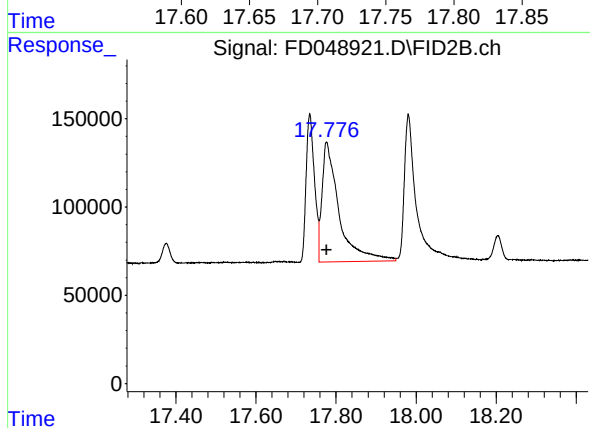
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: 0.000 min
Response: 1676889
Conc: 9.89 ug/ml



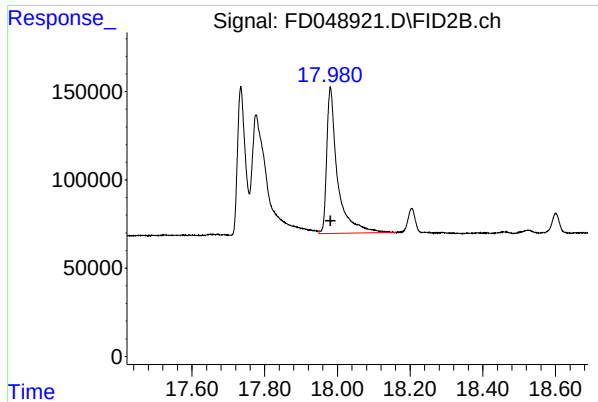
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: 0.000 min
Response: 1213324
Conc: 8.61 ug/ml



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

R.T.: 17.777 min
Delta R.T.: 0.000 min
Response: 2005846
Conc: 11.22 ug/ml



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

R.T.: 17.981 min
Delta R.T.: 0.000 min
Response: 1714670
Conc: 10.27 ug/ml

Instrument :
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ClientSampleId :
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