

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AR\
 Data File : FD045442.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 21:05
 Operator : YP/AJ
 Sample : 02213-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 10 05:16:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 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...	7.547	6312634	46.075 ug/ml
Spiked Amount 50.000		Recovery =	92.15%
6) S 2-Fluorobiphenyl (SURR)	8.402	3277503	36.560 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.12%
11) S ortho-Terphenyl (SURR)	11.443	6702450	38.523 ug/ml
Spiked Amount 50.000		Recovery =	77.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	255444	1.640 ug/ml
2) T Naphthalene (C11.7)	5.886	305952	1.904 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	316865	1.979 ug/ml
5) T Acenaphthylene (C15.06)	8.204	312198	2.132 ug/ml
7) T Acenaphthene (C15.5)	8.498	307943	1.985 ug/ml
8) T Fluorene (C16.55)	9.276	366298	2.470 ug/ml
9) T Phenanthrene (C19.36)	10.666	317906	2.195 ug/ml
10) T Anthracene (C19.43)	10.740	309990	2.243 ug/ml
12) T Fluoranthene (C21.85)	12.470	328963	2.287 ug/ml
13) T Pyrene (C20.8)	12.764	310146	2.206 ug/ml
14) T Benzo[a]anthracene (C...	14.627	278730	2.173 ug/ml
15) T Chrysene (C27.41)	14.668	297965	2.247 ug/ml
16) T benzo[b]fluoranthene ...	16.167	277817	2.139 ug/ml
17) T Bnezo[k]fluoranthene ...	16.198	275017	2.171 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	225359	1.792 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.898	181264	1.531 ug/ml
20) T Dibenz[a,h]anthracene...	17.941	176534	1.482 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	219115	1.754 ug/ml

(f)=RT Delta > 1/2 Window

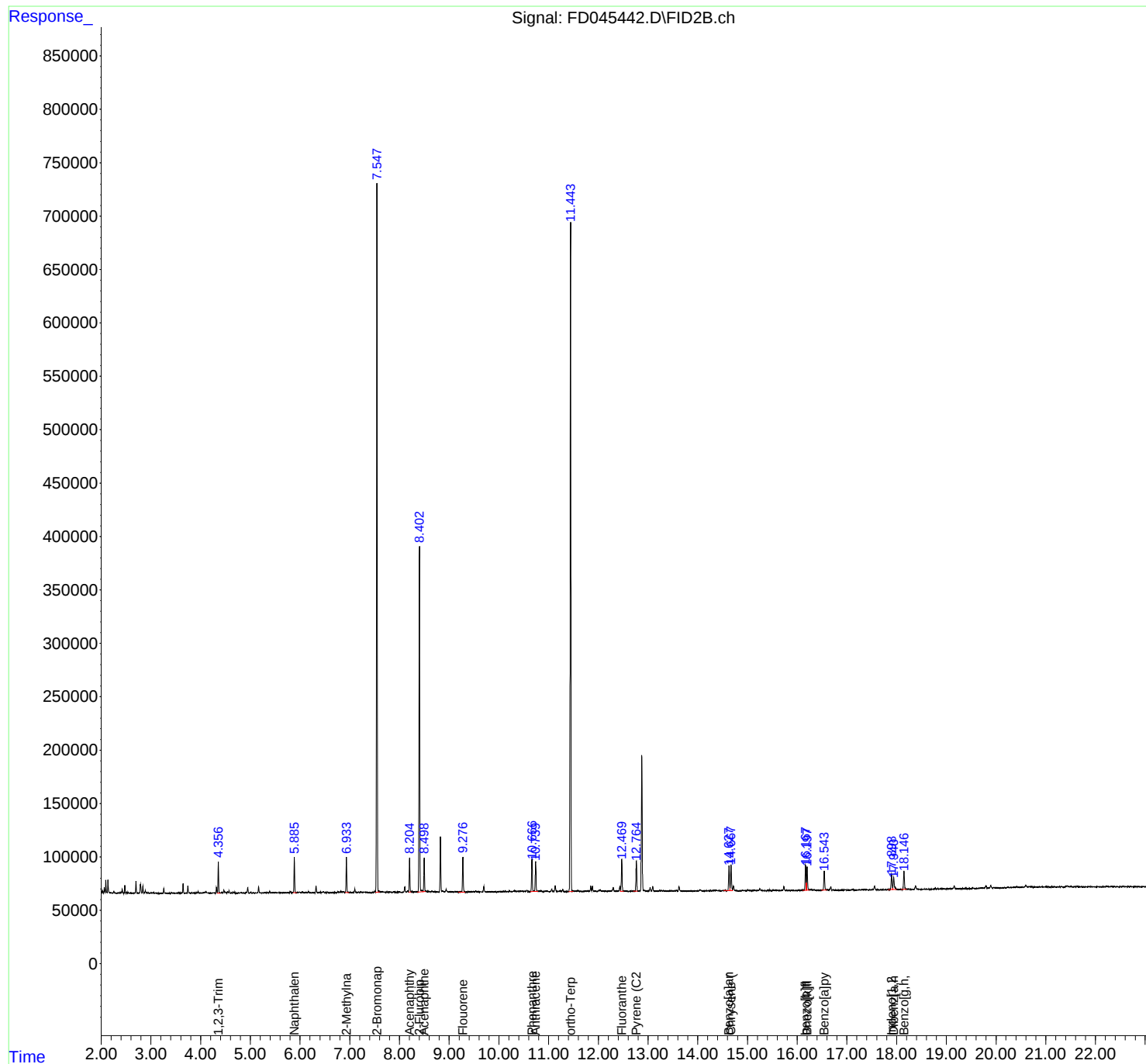
(m)=manual int.

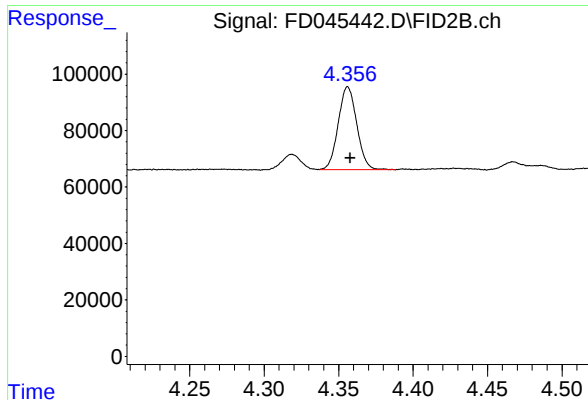
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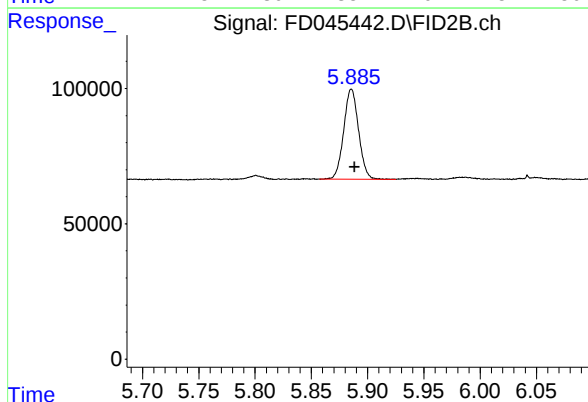




#1 1,2,3-Trimethylbenzene (C10.1)

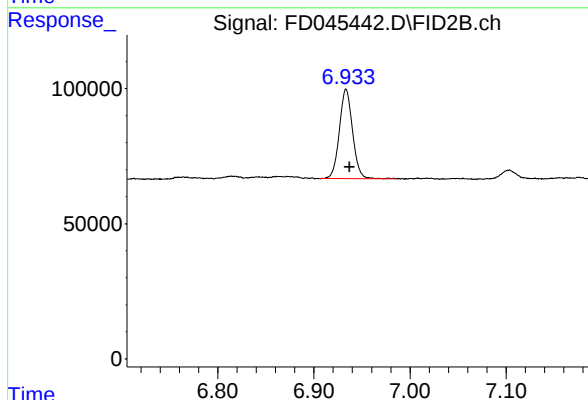
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 255444
Conc: 1.64 ug/ml

Instrument :
FID_D
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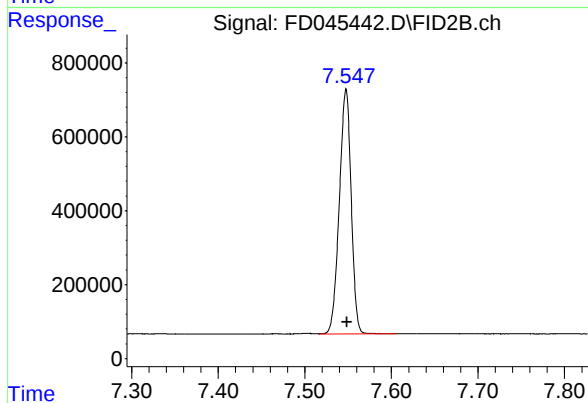
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 305952
Conc: 1.90 ug/ml



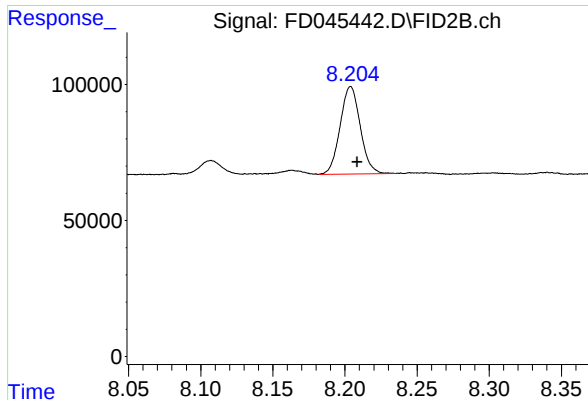
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.004 min
Response: 316865
Conc: 1.98 ug/ml



#4 2-Bromonaphthalene (SURR)

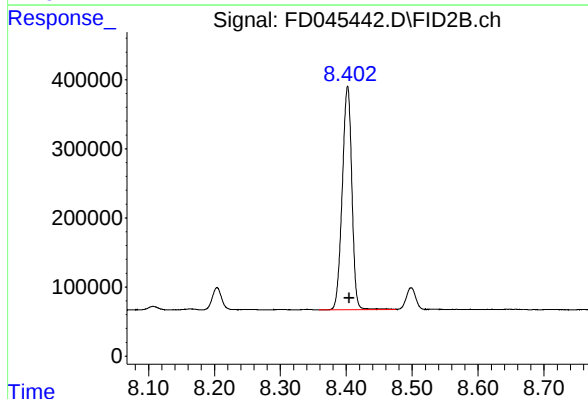
R.T.: 7.547 min
Delta R.T.: -0.001 min
Response: 6312634
Conc: 46.07 ug/ml



#5 Acenaphthylene (C15.06)

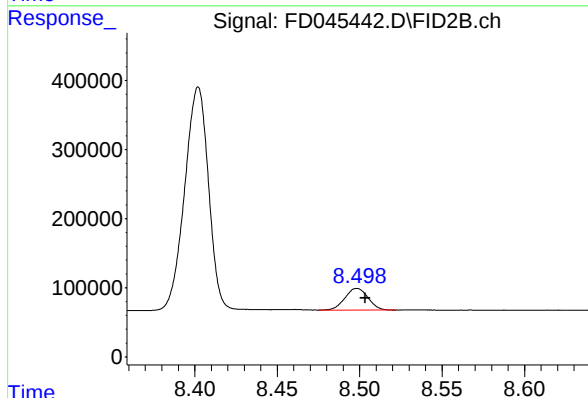
R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 312198
Conc: 2.13 ug/ml

Instrument :
FID_D
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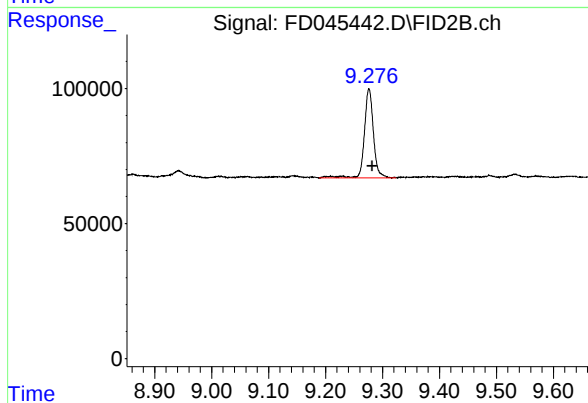
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 3277503
Conc: 36.56 ug/ml



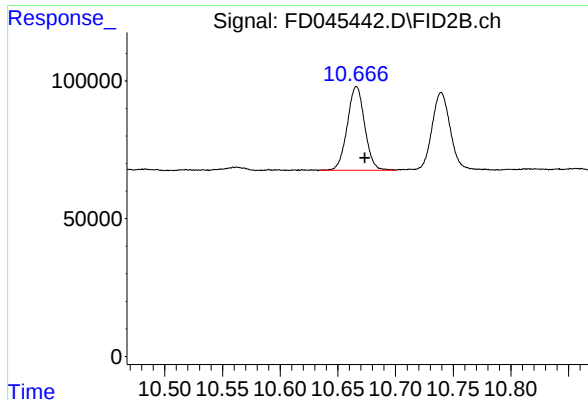
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: -0.005 min
Response: 307943
Conc: 1.99 ug/ml



#8 Fluorene (C16.55)

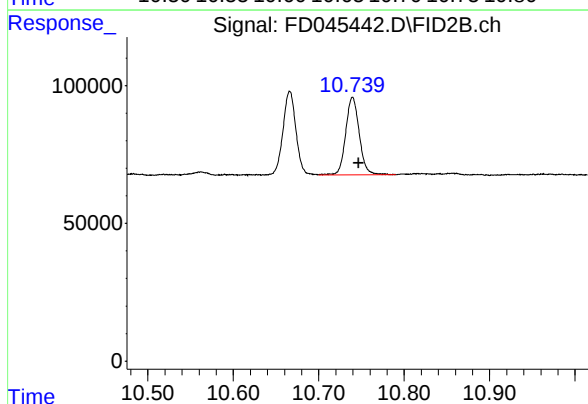
R.T.: 9.276 min
Delta R.T.: -0.006 min
Response: 366298
Conc: 2.47 ug/ml



#9 Phenanthrene (C19.36)

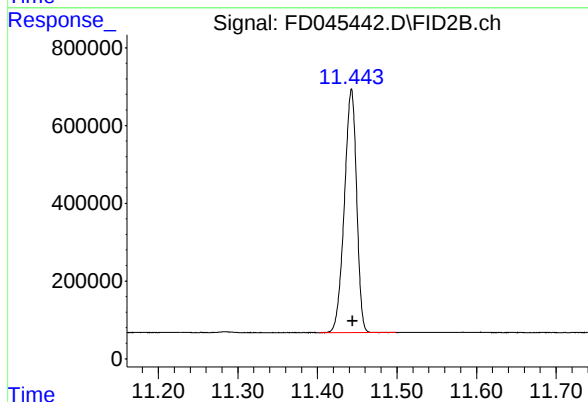
R.T.: 10.666 min
Delta R.T.: -0.007 min
Response: 317906
Conc: 2.19 ug/ml

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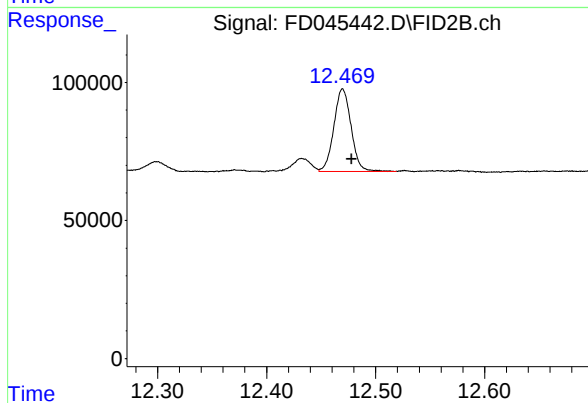
#10 Anthracene (C19.43)

R.T.: 10.740 min
Delta R.T.: -0.007 min
Response: 309990
Conc: 2.24 ug/ml



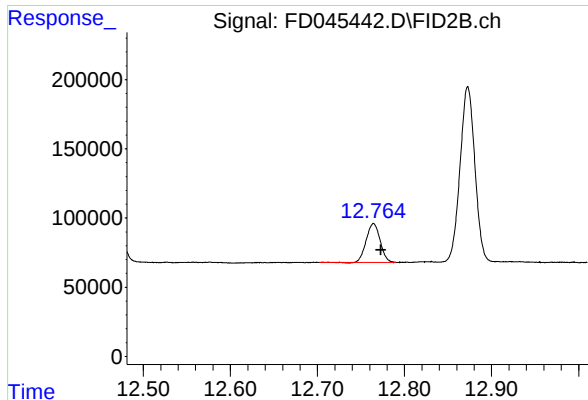
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.002 min
Response: 6702450
Conc: 38.52 ug/ml



#12 Fluoranthene (C21.85)

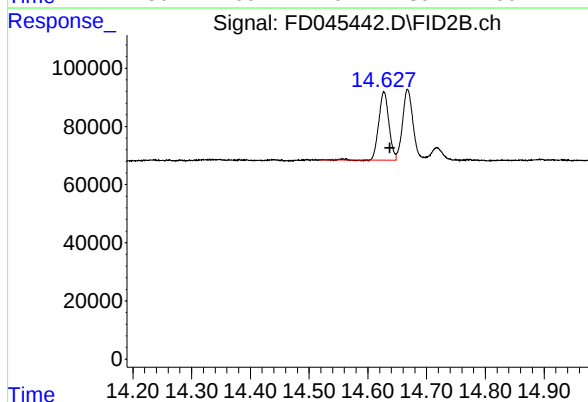
R.T.: 12.470 min
Delta R.T.: -0.008 min
Response: 328963
Conc: 2.29 ug/ml



#13 Pyrene (C20.8)

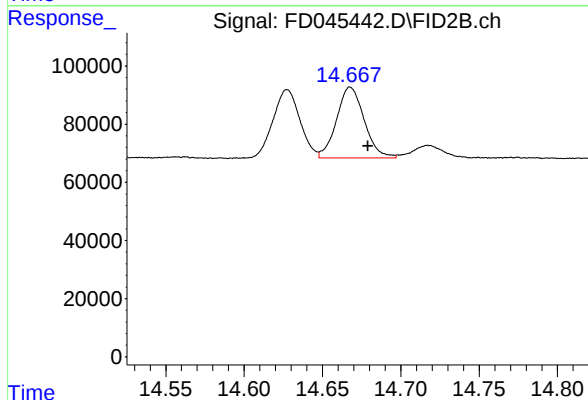
R.T.: 12.764 min
Delta R.T.: -0.008 min
Response: 310146
Conc: 2.21 ug/ml

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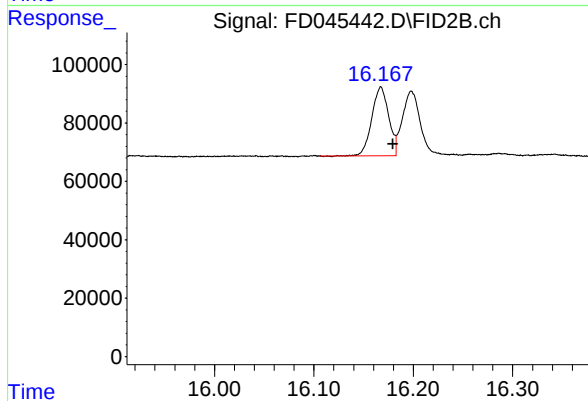
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.627 min
Delta R.T.: -0.010 min
Response: 278730
Conc: 2.17 ug/ml



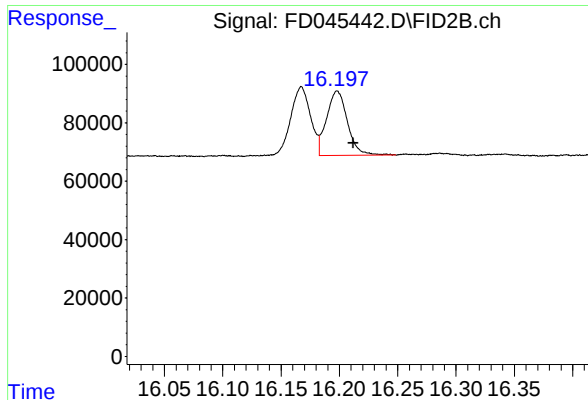
#15 Chrysene (C27.41)

R.T.: 14.668 min
Delta R.T.: -0.011 min
Response: 297965
Conc: 2.25 ug/ml



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

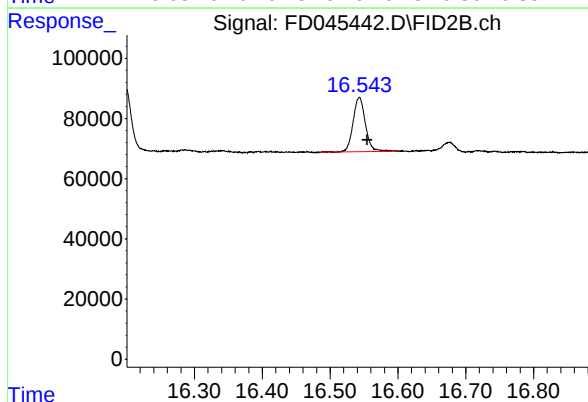
R.T.: 16.167 min
Delta R.T.: -0.012 min
Response: 277817
Conc: 2.14 ug/ml



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

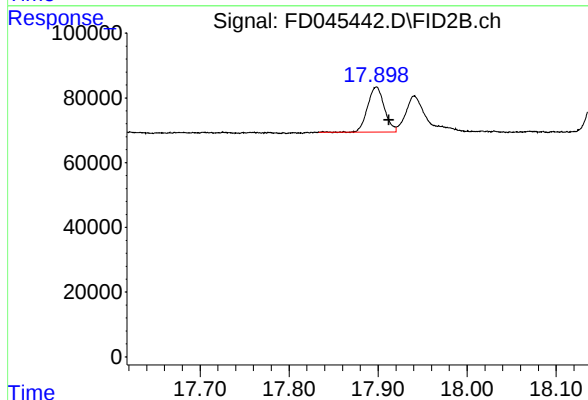
R.T.: 16.198 min
Delta R.T.: -0.014 min
Response: 275017
Conc: 2.17 ug/ml

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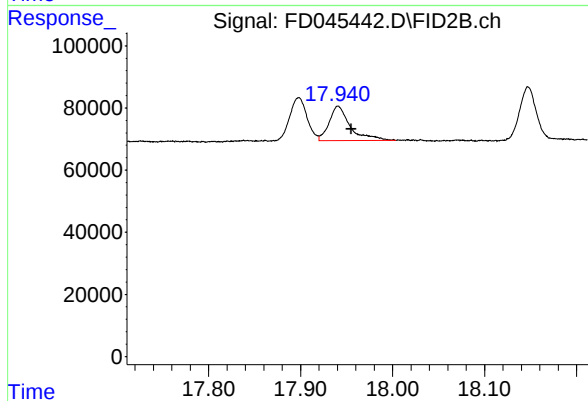
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: -0.012 min
Response: 225359
Conc: 1.79 ug/ml



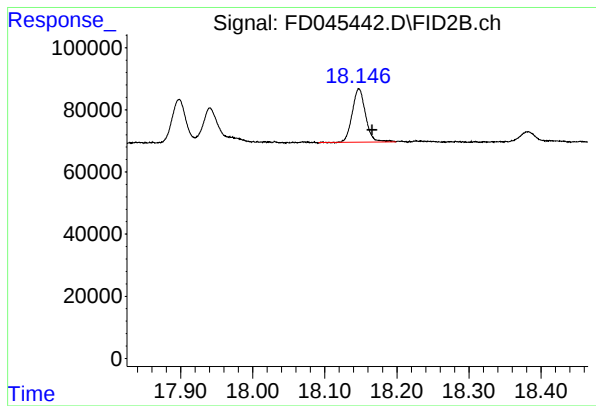
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.898 min
Delta R.T.: -0.014 min
Response: 181264
Conc: 1.53 ug/ml



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

R.T.: 17.941 min
Delta R.T.: -0.014 min
Response: 176534
Conc: 1.48 ug/ml



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

R.T.: 18.147 min
Delta R.T.: -0.018 min
Response: 219115
Conc: 1.75 ug/ml

Instrument :

FID_D

ClientSampleId :

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