

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080823AR\
 Data File : FD046297.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2023 11:29
 Operator : YP/AJ
 Sample : 03572-09
 Misc : MDL 2.5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 09 01:42:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.501	5065891	33.890 ug/ml
Spiked Amount 50.000		Recovery =	67.78%
6) S 2-Fluorobiphenyl (SURR)	8.355	3166674	33.827 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.65%
11) S ortho-Terphenyl (SURR)	11.396	8579580	49.127 ug/ml
Spiked Amount 50.000		Recovery =	98.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	430587	2.363 ug/ml
2) T Naphthalene (C11.7)	5.841	410738	2.274 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	391141	2.222 ug/ml
5) T Acenaphthylene (C15.06)	8.157	336964	2.208 ug/ml
7) T Acenaphthene (C15.5)	8.451	377552	2.315 ug/ml
8) T Flouorene (C16.55)	9.231	327092	2.150 ug/ml
9) T Phenanthrene (C19.36)	10.619	313589	2.178 ug/ml
10) T Anthracene (C19.43)	10.693	276613	2.114 ug/ml
12) T Fluoranthene (C21.85)	12.421	325778	2.331 ug/ml
13) T Pyrene (C20.8)	12.715	333494	2.406 ug/ml
14) T Benzo[a]anthracene (C...	14.578	253030	1.928 ug/ml
15) T Chrysene (C27.41)	14.620	407640	2.891 ug/ml
16) T benzo[b]fluoranthene ...	16.119	242749	1.775 ug/ml
17) T Bnezo[k]fluoranthene ...	16.150	270805	1.976 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	206751	1.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	132379	1.101 ug/ml
20) T Dibenz[a,h]anthracene...	17.898	160642	1.256 ug/ml
21) T Benzo[g,h,i]perylene ...	18.102	160095	1.262 ug/ml

(f)=RT Delta > 1/2 Window

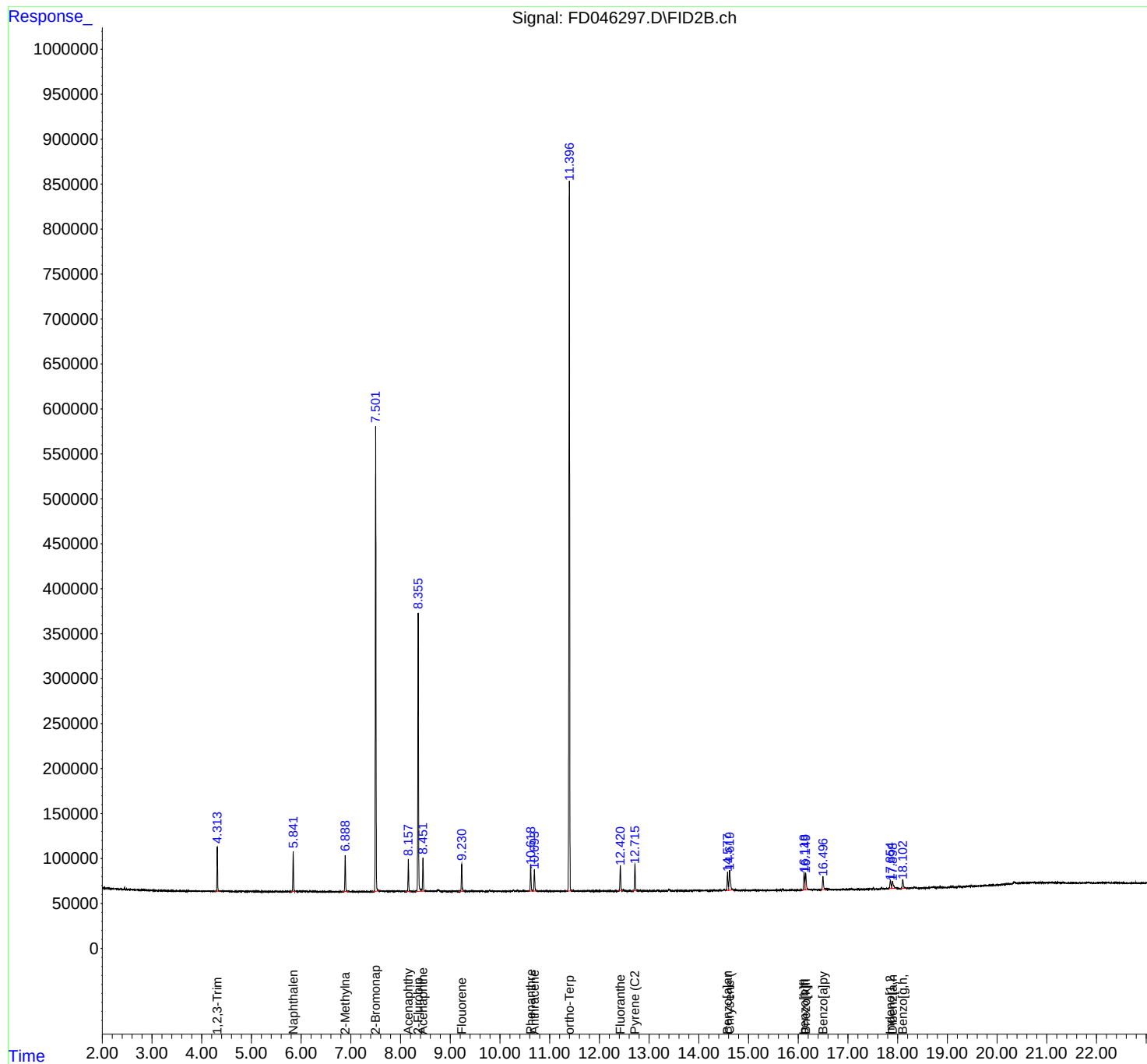
(m)=manual int.

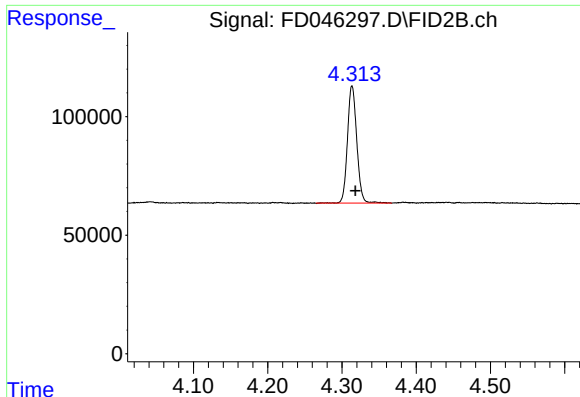
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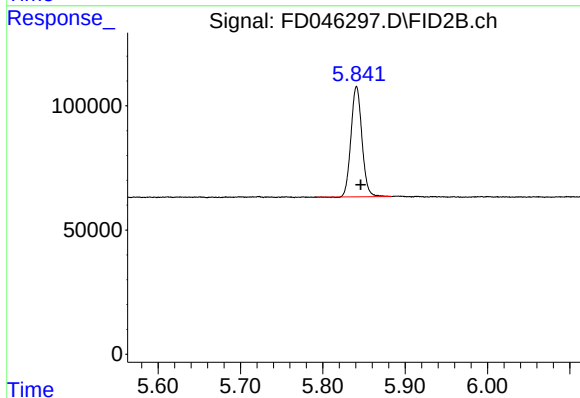




#1 1,2,3-Trimethylbenzene (C10.1)

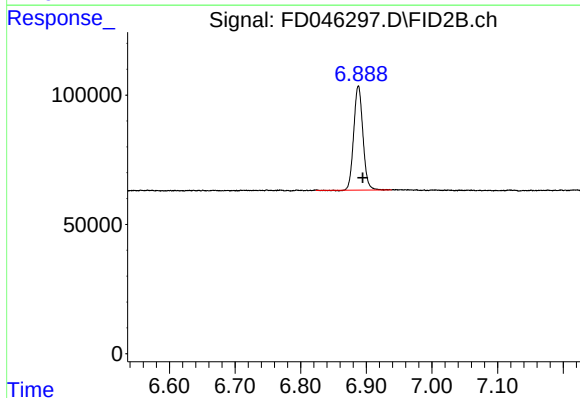
R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 430587
Conc: 2.36 ug/ml

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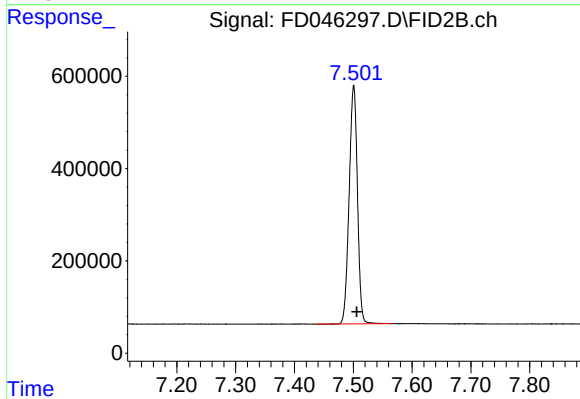
#2 Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 410738
Conc: 2.27 ug/ml



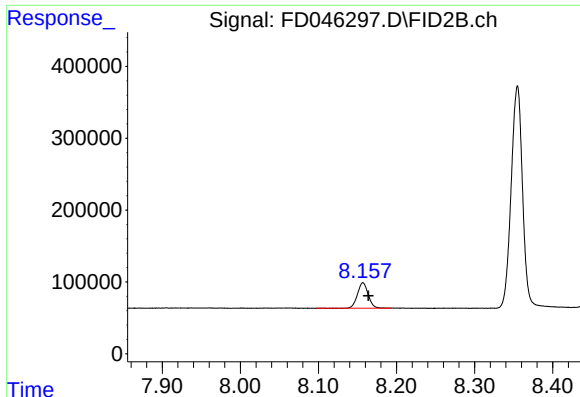
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: -0.006 min
Response: 391141
Conc: 2.22 ug/ml



#4 2-Bromonaphthalene (SURR)

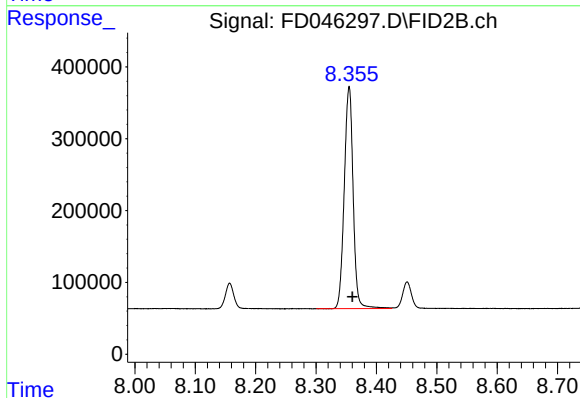
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 5065891
Conc: 33.89 ug/ml



#5 Acenaphthylene (C15.06)

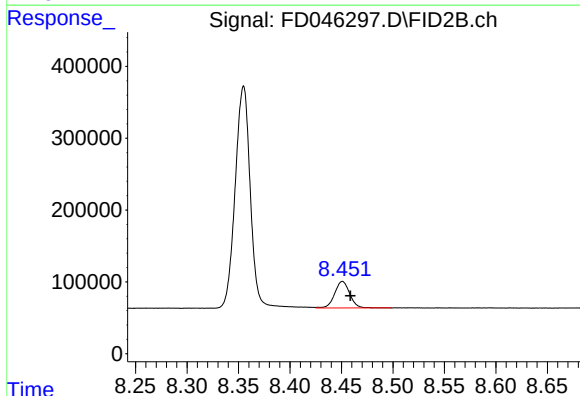
R.T.: 8.157 min
Delta R.T.: -0.007 min
Response: 336964
Conc: 2.21 ug/ml

Instrument :
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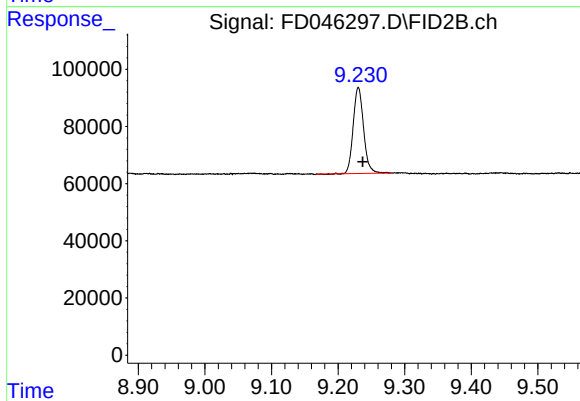
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 3166674
Conc: 33.83 ug/ml



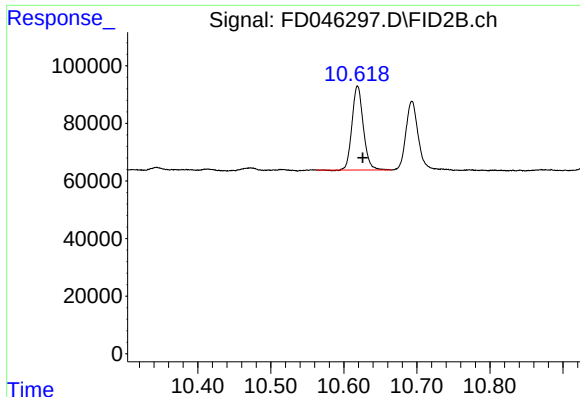
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.008 min
Response: 377552
Conc: 2.32 ug/ml



#8 Fluorene (C16.55)

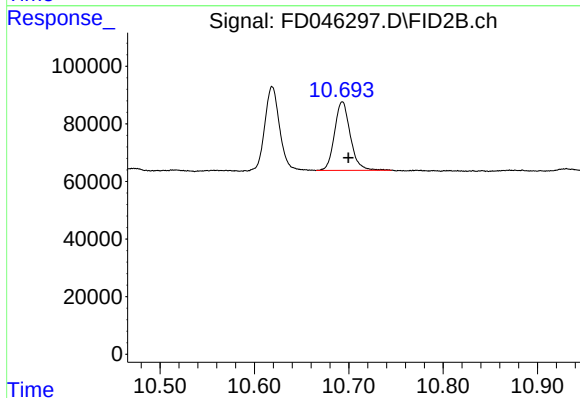
R.T.: 9.231 min
Delta R.T.: -0.007 min
Response: 327092
Conc: 2.15 ug/ml



#9 Phenanthrene (C19.36)

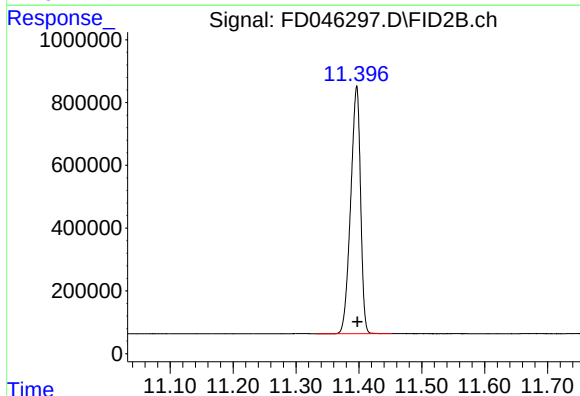
R.T.: 10.619 min
Delta R.T.: -0.007 min
Response: 313589
Conc: 2.18 ug/ml

Instrument :
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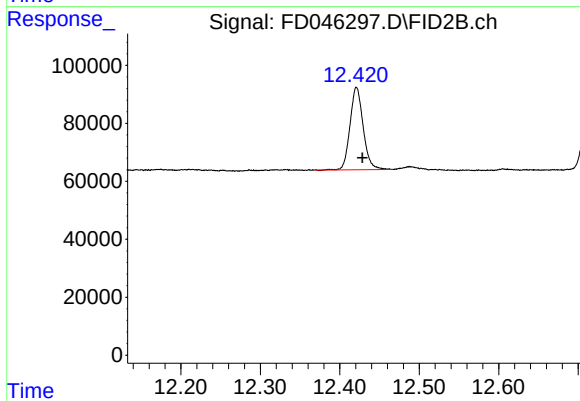
#10 Anthracene (C19.43)

R.T.: 10.693 min
Delta R.T.: -0.006 min
Response: 276613
Conc: 2.11 ug/ml



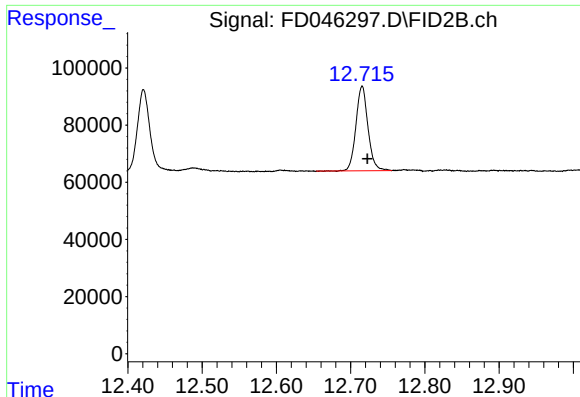
#11 ortho-Terphenyl (SURRE)

R.T.: 11.396 min
Delta R.T.: -0.001 min
Response: 8579580
Conc: 49.13 ug/ml



#12 Fluoranthene (C21.85)

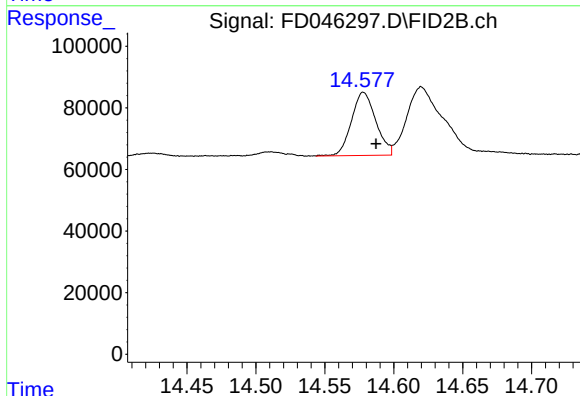
R.T.: 12.421 min
Delta R.T.: -0.007 min
Response: 325778
Conc: 2.33 ug/ml



#13 Pyrene (C20.8)

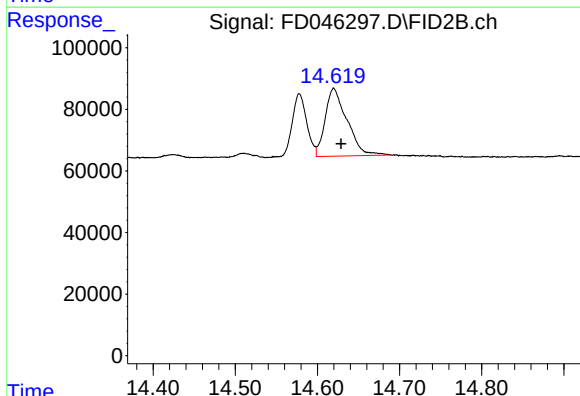
R.T.: 12.715 min
Delta R.T.: -0.007 min
Response: 333494
Conc: 2.41 ug/ml

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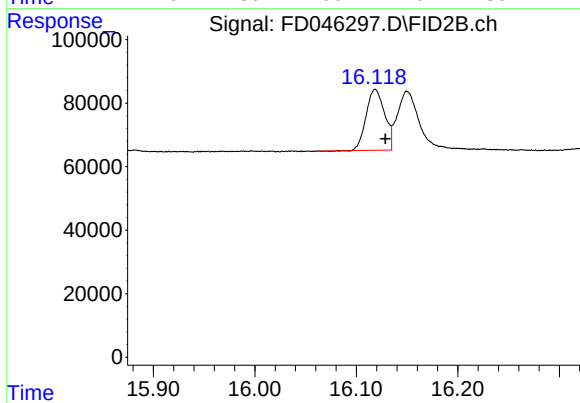
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.009 min
Response: 253030
Conc: 1.93 ug/ml



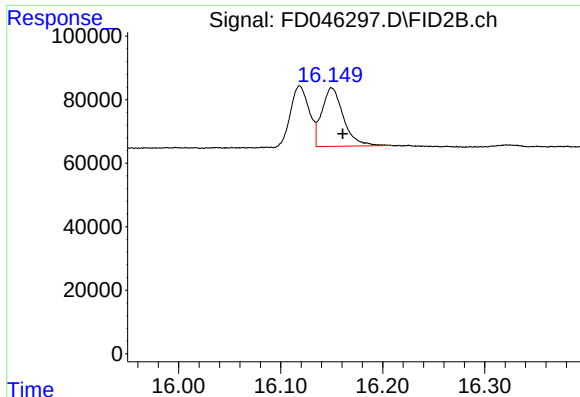
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: -0.009 min
Response: 407640
Conc: 2.89 ug/ml



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

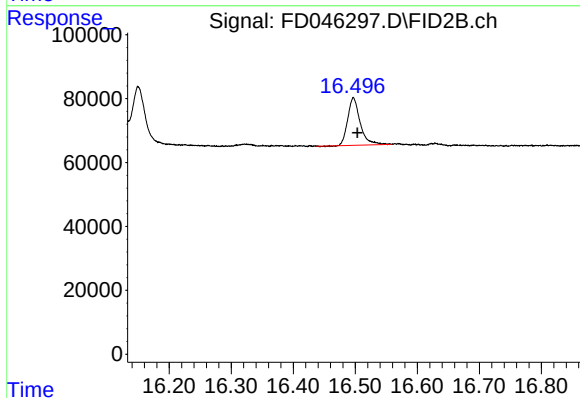
R.T.: 16.119 min
Delta R.T.: -0.010 min
Response: 242749
Conc: 1.77 ug/ml



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

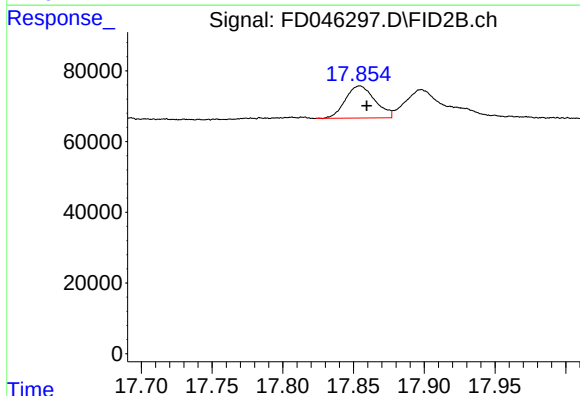
R.T.: 16.150 min
Delta R.T.: -0.010 min
Response: 270805
Conc: 1.98 ug/ml

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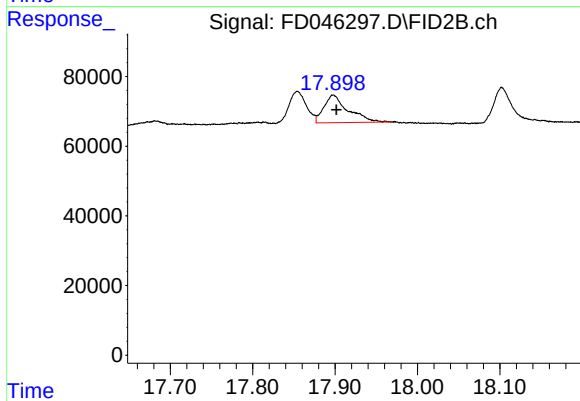
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: -0.006 min
Response: 206751
Conc: 1.59 ug/ml



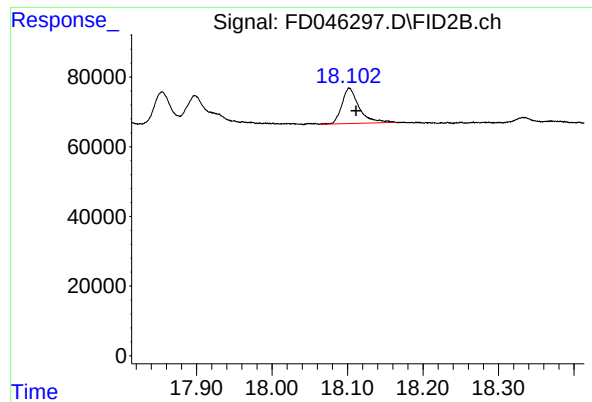
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: -0.005 min
Response: 132379
Conc: 1.10 ug/ml



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

R.T.: 17.898 min
Delta R.T.: -0.003 min
Response: 160642
Conc: 1.26 ug/ml



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

R.T.: 18.102 min
Delta R.T.: -0.009 min
Response: 160095
Conc: 1.26 ug/ml

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