

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080323AR\
 Data File : FD046270.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2023 08:06
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 04 09:26:53 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	3332673	22.295 ug/ml
Spiked Amount 50.000		Recovery =	44.59%
6) S 2-Fluorobiphenyl (SURR)	8.355	2113064	22.572 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.14%
11) S ortho-Terphenyl (SURR)	11.393	4094528	23.446 ug/ml
Spiked Amount 50.000		Recovery =	46.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	3955764	21.712 ug/ml
2) T Naphthalene (C11.7)	5.841	3988371	22.082 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	3908678	22.208 ug/ml
5) T Acenaphthylene (C15.06)	8.159	3398048	22.271 ug/ml
7) T Acenaphthene (C15.5)	8.454	3670948	22.513 ug/ml
8) T Fluorene (C16.55)	9.232	3482641	22.888 ug/ml
9) T Phenanthrene (C19.36)	10.621	3337673	23.179 ug/ml
10) T Anthracene (C19.43)	10.695	2569725	19.636 ug/ml
12) T Fluoranthene (C21.85)	12.424	3317069	23.739 ug/ml
13) T Pyrene (C20.8)	12.719	3249537	23.446 ug/ml
14) T Benzo[a]anthracene (C...	14.581	2980164	22.704 ug/ml
15) T Chrysene (C27.41)	14.624	3221526	22.847 ug/ml
16) T benzo[b]fluoranthene ...	16.125	3156733	23.082 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	3087467	22.525 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	2959169	22.730 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	2494820	20.743 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	2586315	20.222 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	2681490	21.136 ug/ml

(f)=RT Delta > 1/2 Window

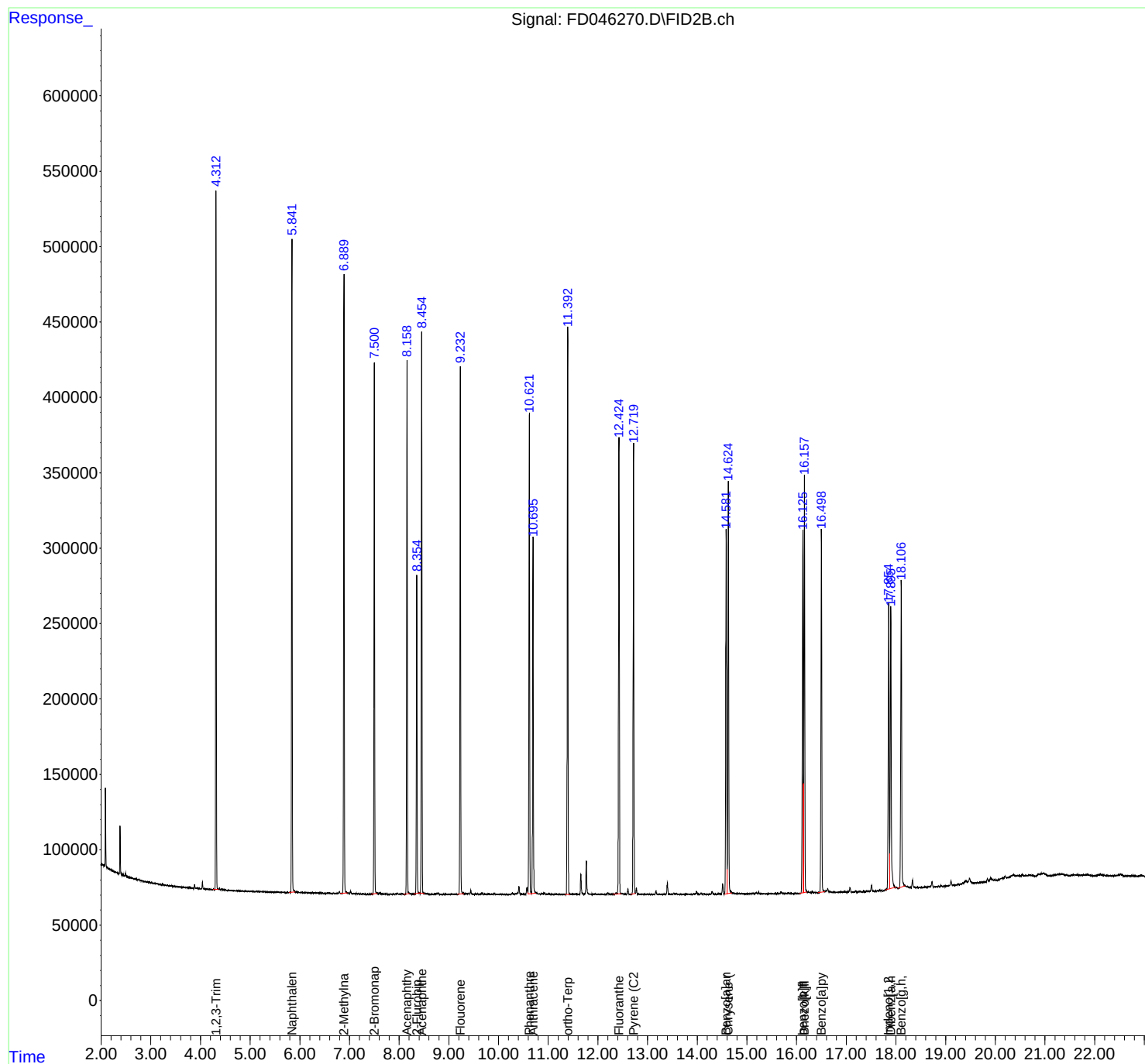
(m)=manual int.

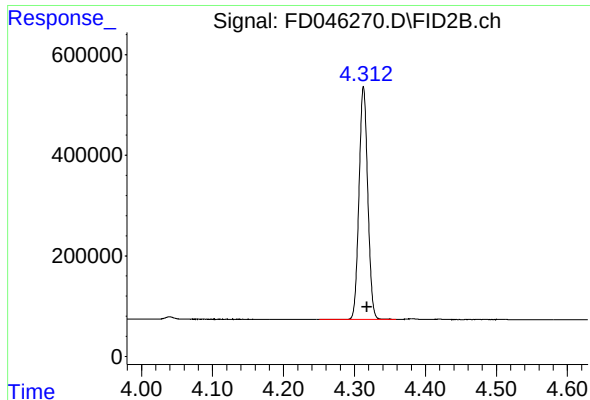
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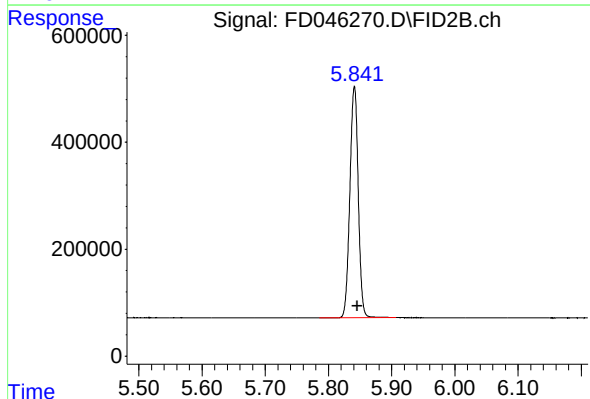




#1 1,2,3-Trimethylbenzene (C10.1)

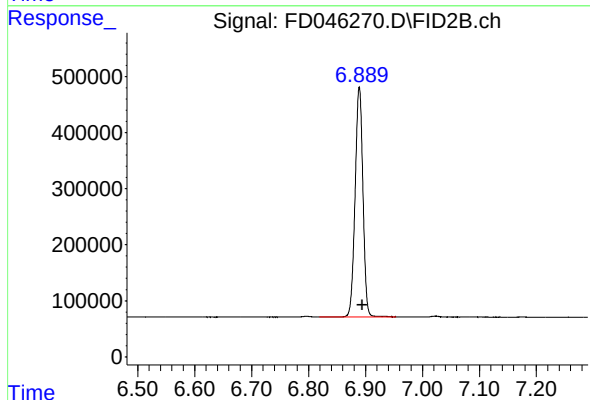
R.T.: 4.313 min
Delta R.T.: -0.005 min
Response: 3955764
Conc: 21.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



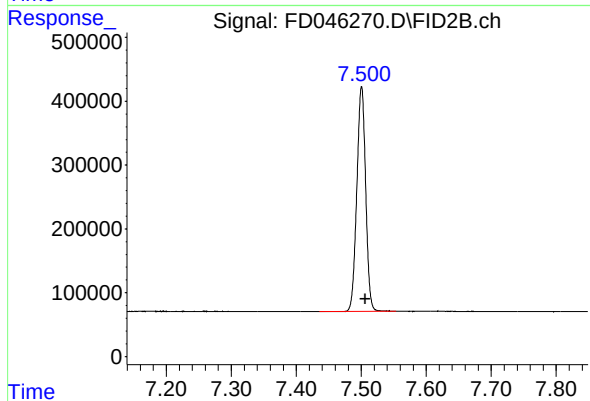
#2 Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 3988371
Conc: 22.08 ug/ml



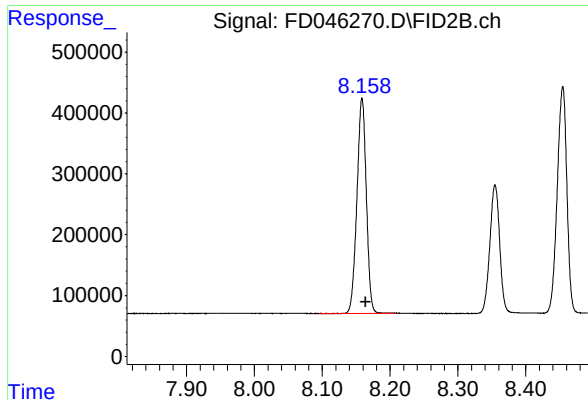
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: -0.005 min
Response: 3908678
Conc: 22.21 ug/ml



#4 2-Bromonaphthalene (SURR)

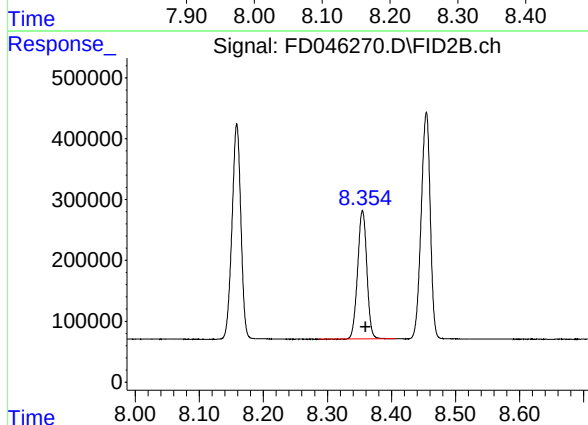
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 3332673
Conc: 22.30 ug/ml



#5 Acenaphthylene (C15.06)

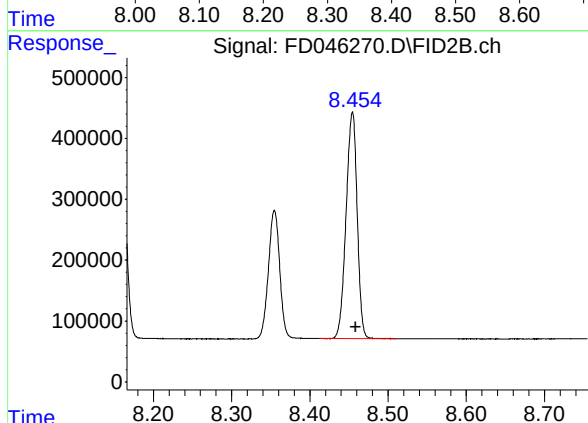
R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 3398048
Conc: 22.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



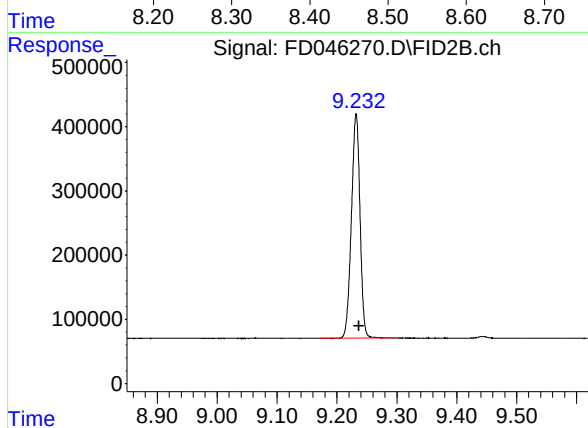
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 2113064
Conc: 22.57 ug/ml



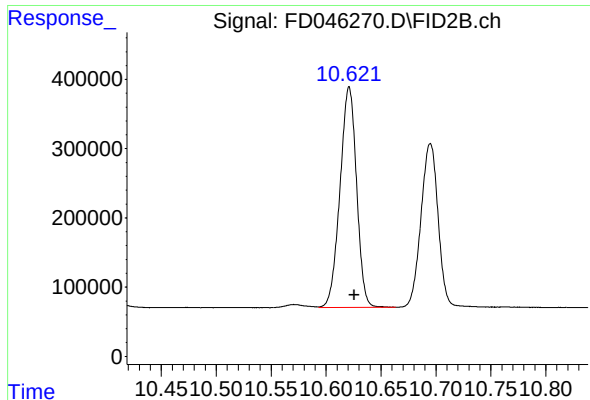
#7 Acenaphthene (C15.5)

R.T.: 8.454 min
Delta R.T.: -0.004 min
Response: 3670948
Conc: 22.51 ug/ml



#8 Fluorene (C16.55)

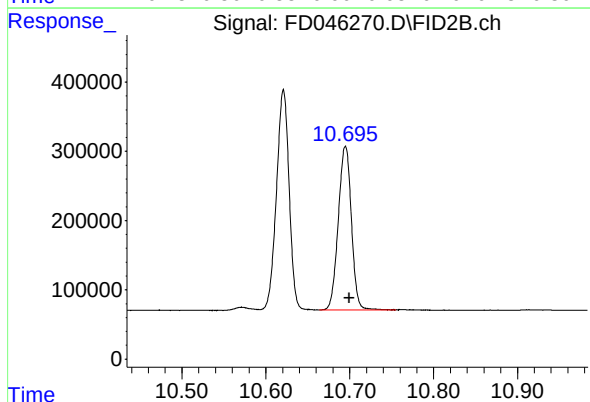
R.T.: 9.232 min
Delta R.T.: -0.005 min
Response: 3482641
Conc: 22.89 ug/ml



#9 Phenanthrene (C19.36)

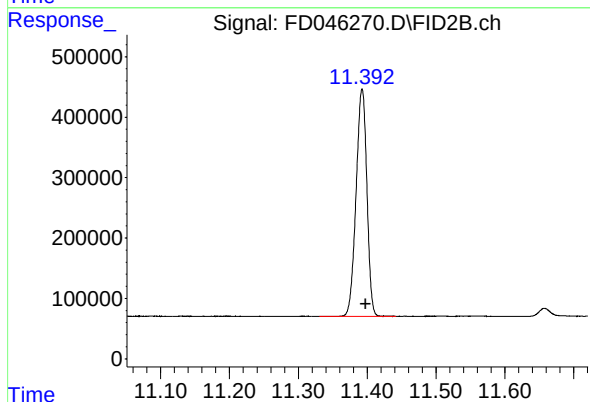
R.T.: 10.621 min
Delta R.T.: -0.005 min
Response: 3337673
Conc: 23.18 ug/ml

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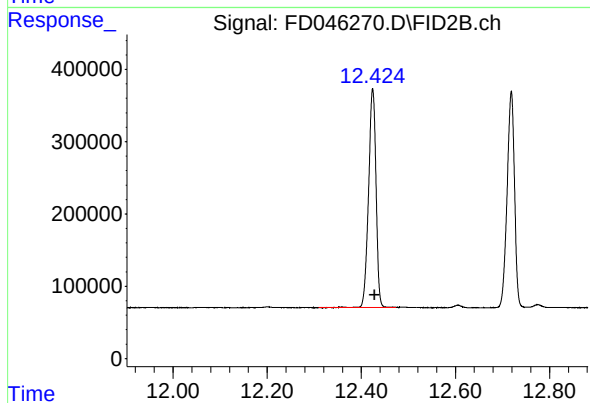
#10 Anthracene (C19.43)

R.T.: 10.695 min
Delta R.T.: -0.005 min
Response: 2569725
Conc: 19.64 ug/ml



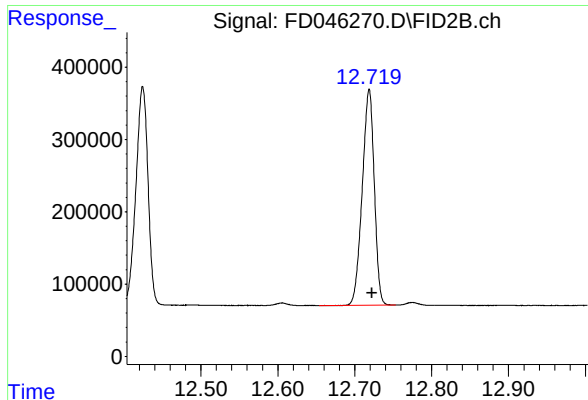
#11 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: -0.005 min
Response: 4094528
Conc: 23.45 ug/ml



#12 Fluoranthene (C21.85)

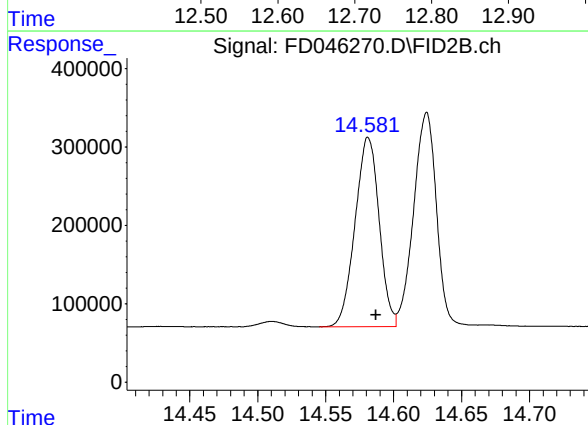
R.T.: 12.424 min
Delta R.T.: -0.004 min
Response: 3317069
Conc: 23.74 ug/ml



#13 Pyrene (C20.8)

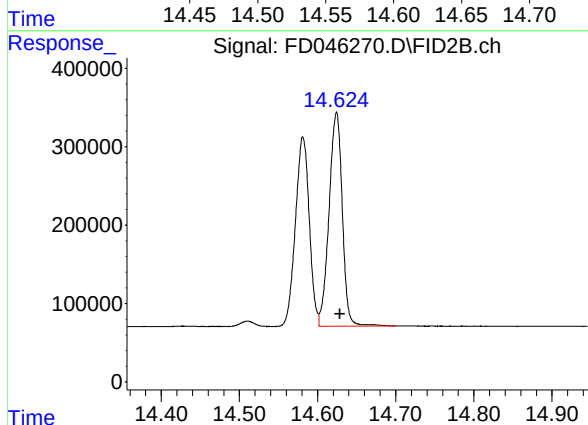
R.T.: 12.719 min
Delta R.T.: -0.004 min
Response: 3249537
Conc: 23.45 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



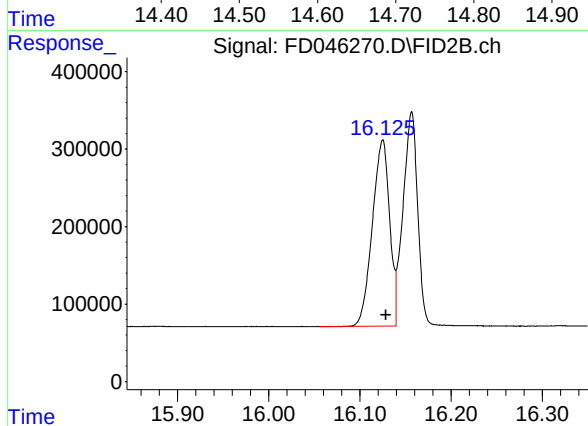
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: -0.006 min
Response: 2980164
Conc: 22.70 ug/ml



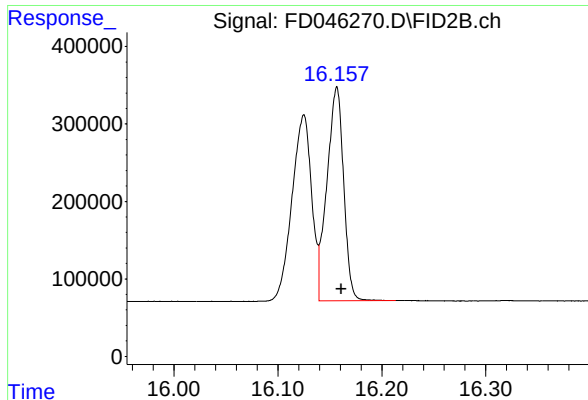
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: -0.005 min
Response: 3221526
Conc: 22.85 ug/ml



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

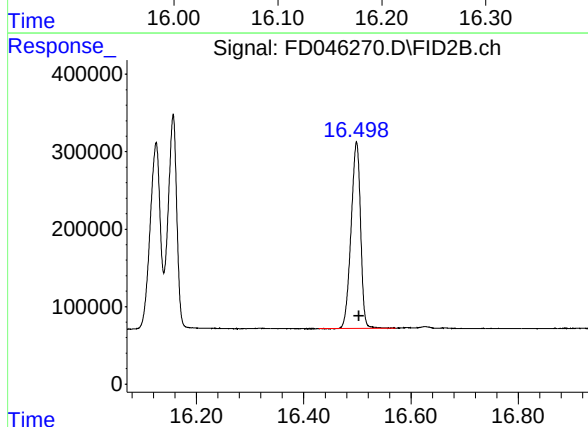
R.T.: 16.125 min
Delta R.T.: -0.004 min
Response: 3156733
Conc: 23.08 ug/ml



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

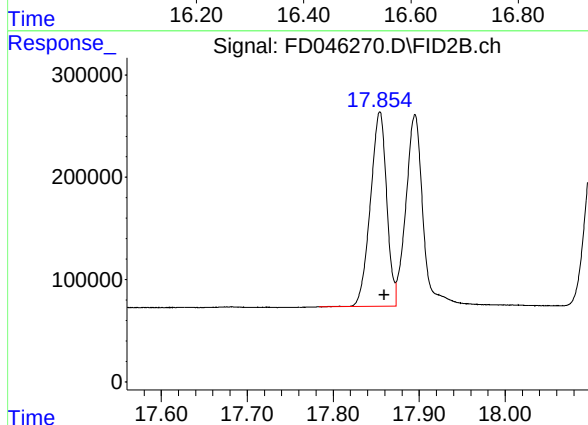
R.T.: 16.156 min
Delta R.T.: -0.004 min
Response: 3087467
Conc: 22.52 ug/ml

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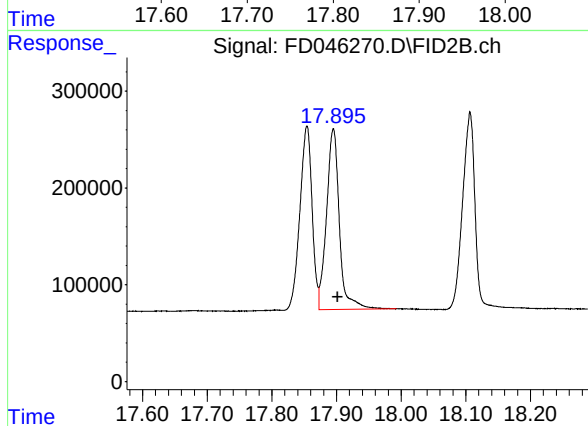
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.005 min
Response: 2959169
Conc: 22.73 ug/ml



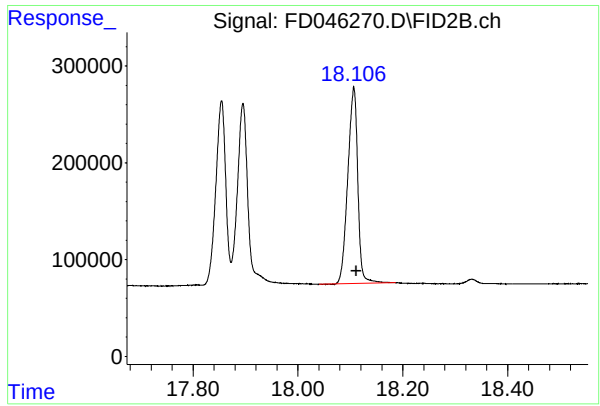
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: -0.005 min
Response: 2494820
Conc: 20.74 ug/ml



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

R.T.: 17.895 min
Delta R.T.: -0.007 min
Response: 2586315
Conc: 20.22 ug/ml



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

R.T.: 18.106 min
Delta R.T.: -0.005 min
Response: 2681490
Conc: 21.14 ug/ml

Instrument :

FID_D

ClientSampleId :

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