

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071823AR\
 Data File : FD046129.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2023 20:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 19 04:57:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.508	4277299	19.848 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
6) S 2-Fluorobiphenyl (SURR)	8.362	2702303	19.525 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.05%
11) S ortho-Terphenyl (SURR)	11.401	5027814	19.832 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.319	5071219	20.358 ug/ml
2) T Naphthalene (C11.7)	5.847	5117650	20.060 ug/ml
3) T 2-Methylnaphthalene (...)	6.897	5019714	19.912 ug/ml
5) T Acenaphthylene (C15.06)	8.166	4336852	19.967 ug/ml
7) T Acenaphthene (C15.5)	8.462	4673335	19.826 ug/ml
8) T Fluorene (C16.55)	9.240	4391528	19.409 ug/ml
9) T Phenanthrene (C19.36)	10.629	4125071	19.332 ug/ml
10) T Anthracene (C19.43)	10.702	3162892	19.906 ug/ml
12) T Fluoranthene (C21.85)	12.432	4000746	19.549 ug/ml
13) T Pyrene (C20.8)	12.727	3941028	20.269 ug/ml
14) T Benzo[a]anthracene (C...	14.592	3678088	20.451 ug/ml
15) T Chrysene (C27.41)	14.635	3941949	20.084 ug/ml
16) T benzo[b]fluoranthene ...	16.134	3916970	20.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.167	3827477	19.350 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.509	3678166	21.111 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.865	3206692	17.230 ug/ml
20) T Dibenz[a,h]anthracene...	17.906	3264883	17.758 ug/ml
21) T Benzo[g,h,i]perylene ...	18.118	3437531	18.397 ug/ml

(f)=RT Delta > 1/2 Window

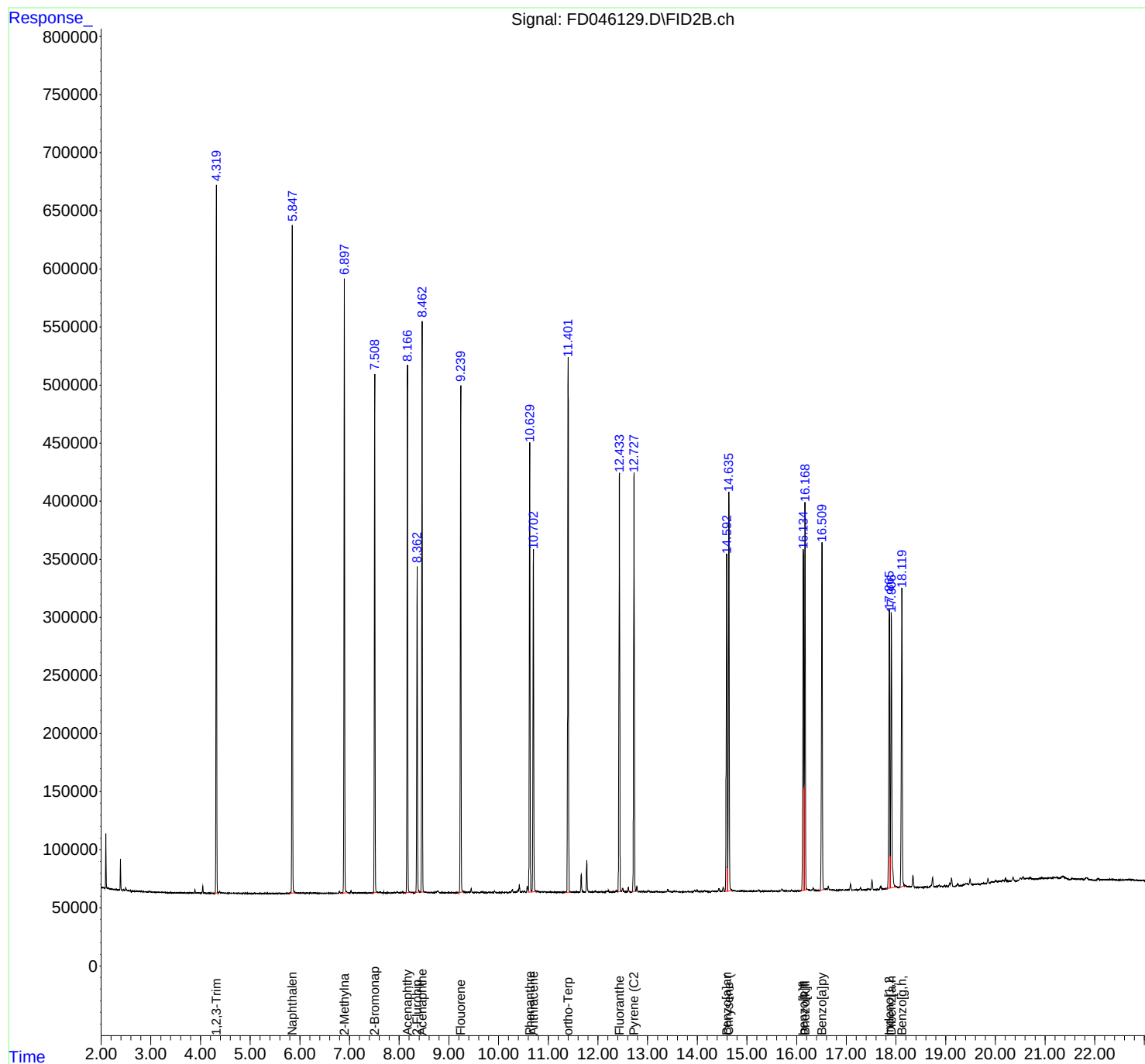
(m)=manual int.

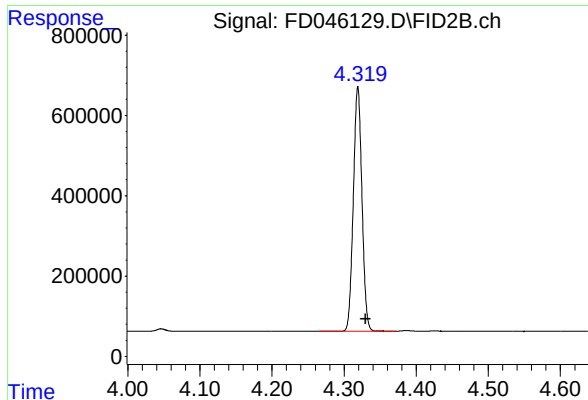
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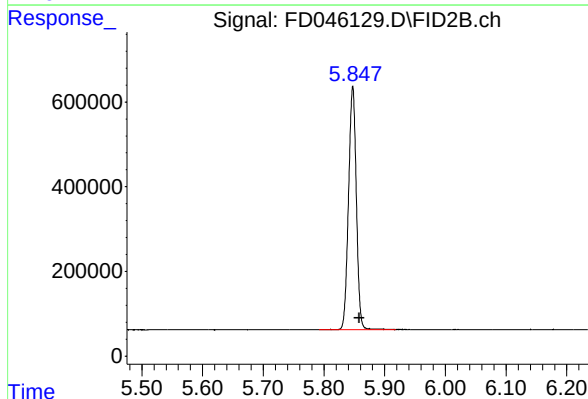




#1 1,2,3-Trimethylbenzene (C10.1)

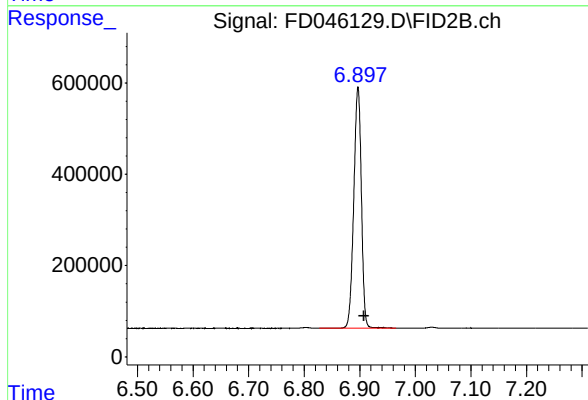
R.T.: 4.319 min
Delta R.T.: -0.011 min
Response: 5071219
Conc: 20.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



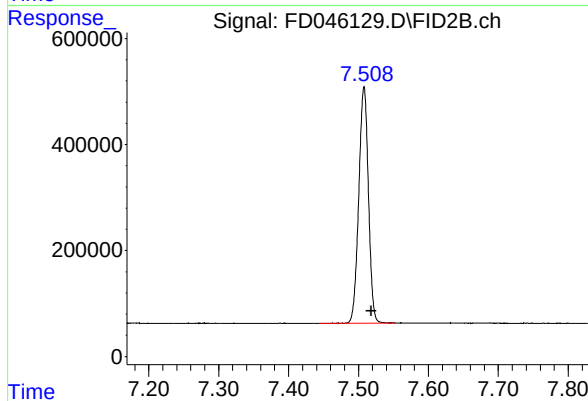
#2 Naphthalene (C11.7)

R.T.: 5.847 min
Delta R.T.: -0.011 min
Response: 5117650
Conc: 20.06 ug/ml



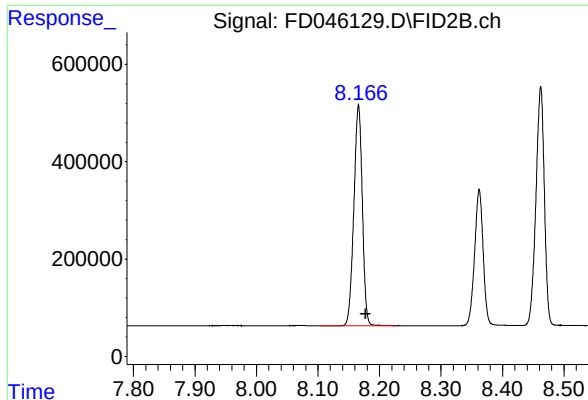
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.897 min
Delta R.T.: -0.010 min
Response: 5019714
Conc: 19.91 ug/ml



#4 2-Bromonaphthalene (SURR)

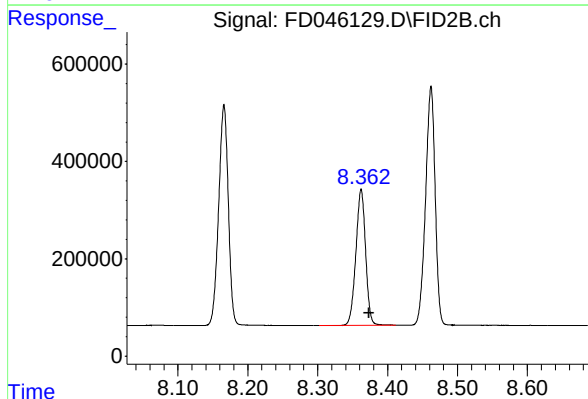
R.T.: 7.508 min
Delta R.T.: -0.010 min
Response: 4277299
Conc: 19.85 ug/ml



#5 Acenaphthylene (C15.06)

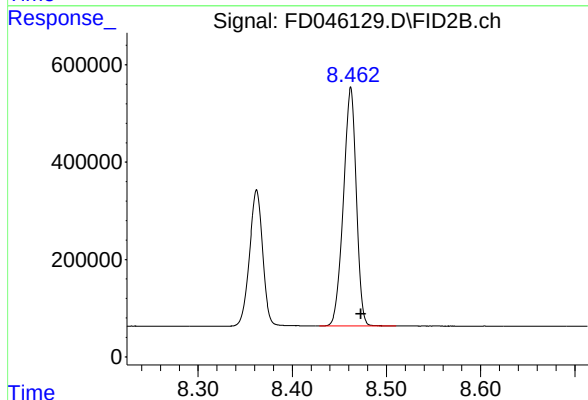
R.T.: 8.166 min
Delta R.T.: -0.012 min
Response: 4336852
Conc: 19.97 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



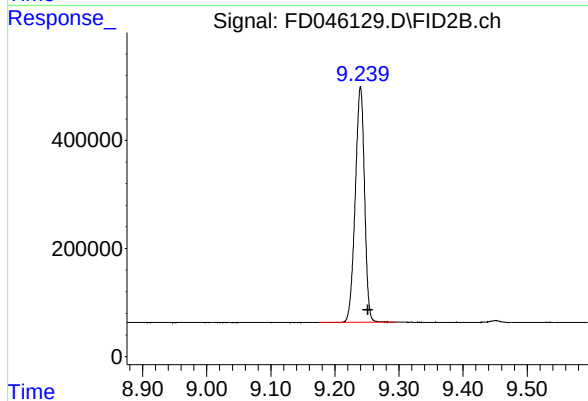
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.362 min
Delta R.T.: -0.011 min
Response: 2702303
Conc: 19.53 ug/ml



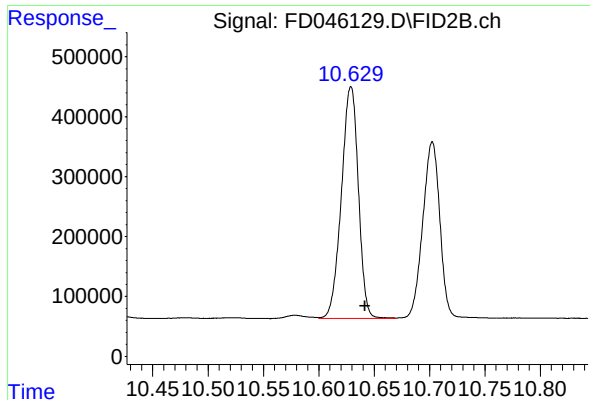
#7 Acenaphthene (C15.5)

R.T.: 8.462 min
Delta R.T.: -0.011 min
Response: 4673335
Conc: 19.83 ug/ml



#8 Fluorene (C16.55)

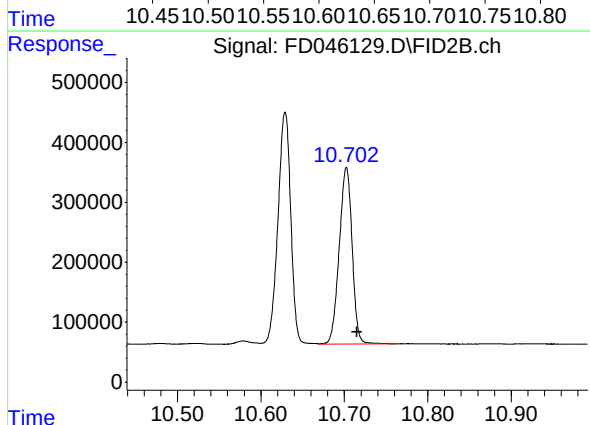
R.T.: 9.240 min
Delta R.T.: -0.012 min
Response: 4391528
Conc: 19.41 ug/ml



#9 Phenanthrene (C19.36)

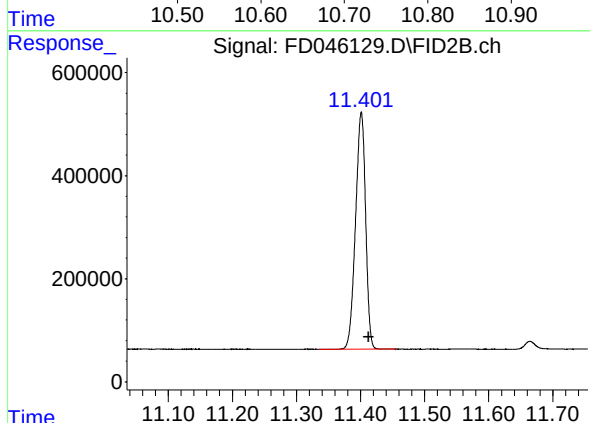
R.T.: 10.629 min
Delta R.T.: -0.013 min
Response: 4125071
Conc: 19.33 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



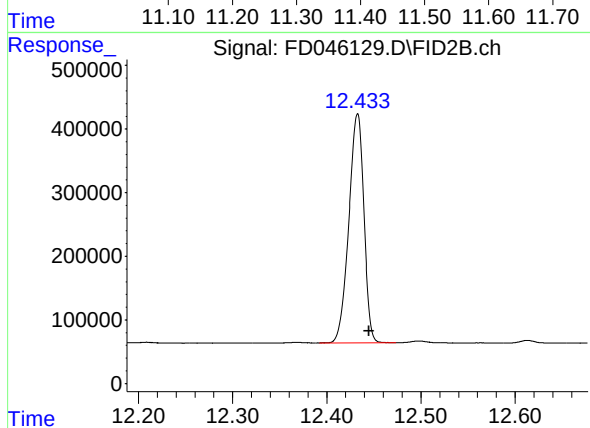
#10 Anthracene (C19.43)

R.T.: 10.702 min
Delta R.T.: -0.012 min
Response: 3162892
Conc: 19.91 ug/ml



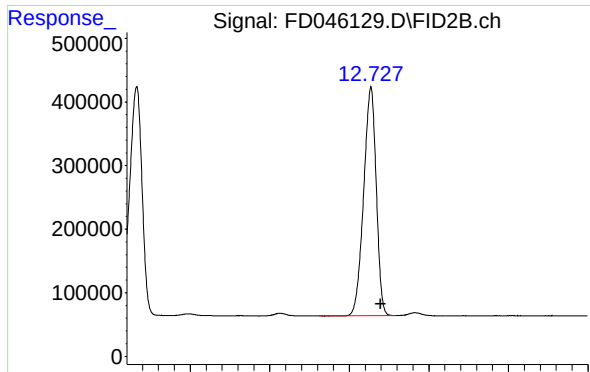
#11 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: -0.012 min
Response: 5027814
Conc: 19.83 ug/ml



#12 Fluoranthene (C21.85)

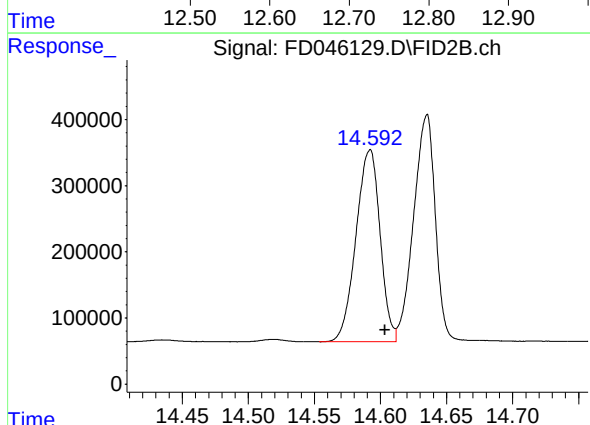
R.T.: 12.432 min
Delta R.T.: -0.012 min
Response: 4000746
Conc: 19.55 ug/ml



#13 Pyrene (C20.8)

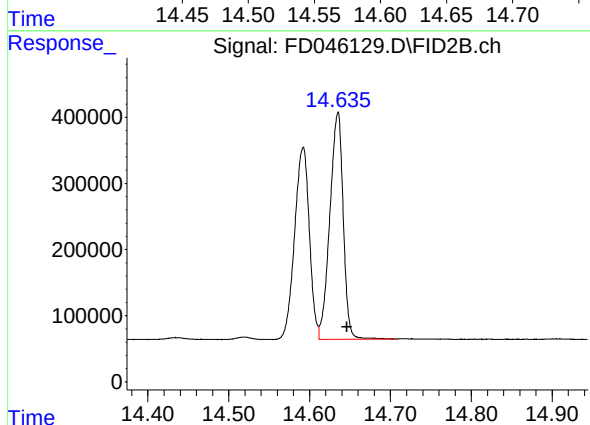
R.T.: 12.727 min
Delta R.T.: -0.012 min
Response: 3941028
Conc: 20.27 ug/ml

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20 PPM AROMATIC HC STD



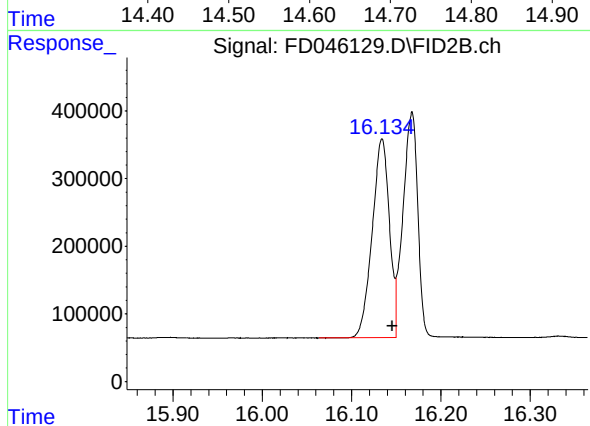
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.592 min
Delta R.T.: -0.012 min
Response: 3678088
Conc: 20.45 ug/ml



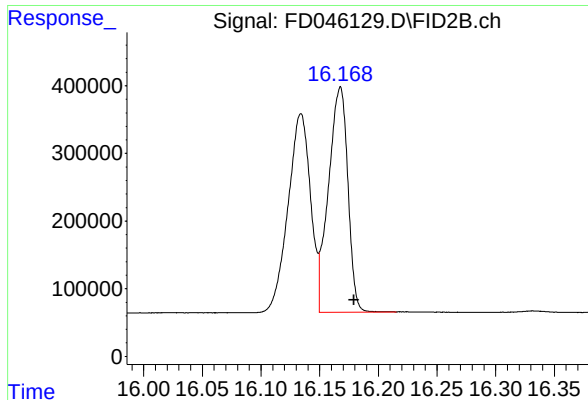
#15 Chrysene (C27.41)

R.T.: 14.635 min
Delta R.T.: -0.012 min
Response: 3941949
Conc: 20.08 ug/ml



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

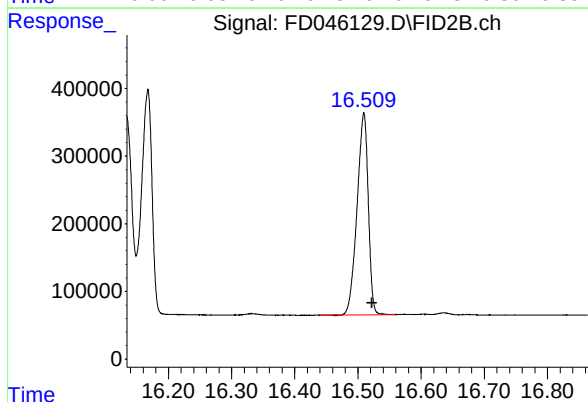
R.T.: 16.134 min
Delta R.T.: -0.012 min
Response: 3916970
Conc: 20.88 ug/ml



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

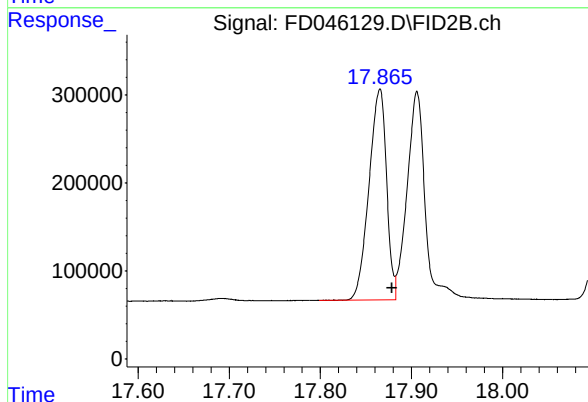
R.T.: 16.167 min
Delta R.T.: -0.012 min
Response: 3827477
Conc: 19.35 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



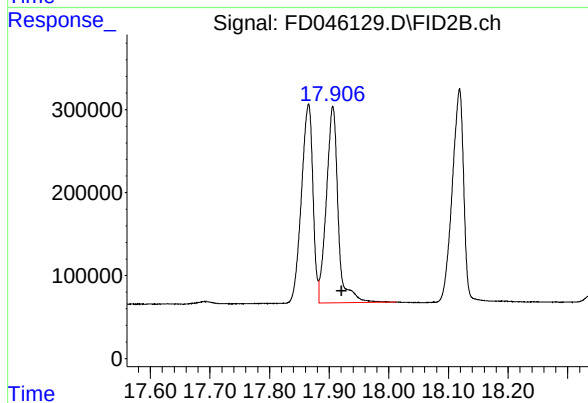
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.509 min
Delta R.T.: -0.013 min
Response: 3678166
Conc: 21.11 ug/ml



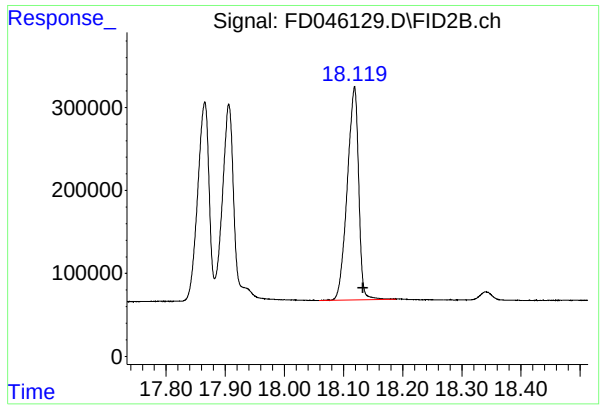
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.865 min
Delta R.T.: -0.014 min
Response: 3206692
Conc: 17.23 ug/ml



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

R.T.: 17.906 min
Delta R.T.: -0.015 min
Response: 3264883
Conc: 17.76 ug/ml



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

R.T.: 18.118 min
Delta R.T.: -0.014 min
Response: 3437531
Conc: 18.40 ug/ml

Instrument :

FID_D

ClientSampleId :

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