

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051321AR\
 Data File : FD037495.D
 Signal(s) : FID2B.CH
 Acq On : 14 May 2021 5:19
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

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 5/14/2021 2:12:35 PM

Integration File: autoint1.e
 Quant Time: May 14 06:40:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 04:41:01 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.558	522144	5.280 ug/ml
Spiked Amount 50.000		Recovery =	10.56%
6) S 2-Fluorobiphenyl (SURR)	8.418	339128	5.022 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.04%
11) S ortho-Terphenyl (SURR)	11.456	640429	5.555 ug/ml
Spiked Amount 50.000		Recovery =	11.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	549001	5.389 ug/ml
2) T Naphthalene (C11.7)	5.897	577747	5.271 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	581223	5.275 ug/ml
5) T Acenaphthylene (C15.06)	8.221	568006	5.267 ug/ml
7) T Acenaphthene (C15.5)	8.516	595701	5.352 ug/ml
8) T Fluorene (C16.55)	9.295	567751	5.177 ug/ml
9) T Phenanthrene (C19.36)	10.689	577400	5.190 ug/ml
10) T Anthracene (C19.43)	10.763	557016	5.090 ug/ml
12) T Fluoranthene (C21.85)	12.498	610830	5.382 ug/ml
13) T Pyrene (C20.8)	12.794	612525	5.428 ug/ml
14) T Benzo[a]anthracene (C...	14.662	568676	5.229 ug/mlm
15) T Chrysene (C27.41)	14.704	613507	5.467 ug/ml
16) T benzo[b]fluoranthene ...	16.210	593588	5.336 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.240	586381	5.423 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.588	543767	5.271 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.949	554055	5.098 ug/mlm
20) T Dibenz[a,h]anthracene...	17.991	583455	5.498 ug/ml
21) T Benzo[g,h,i]perylene ...	18.202	563735	5.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID2B.CH
Acq On : 14 May 2021 5:19
Operator : DD\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 72 Sample Multiplier: 1

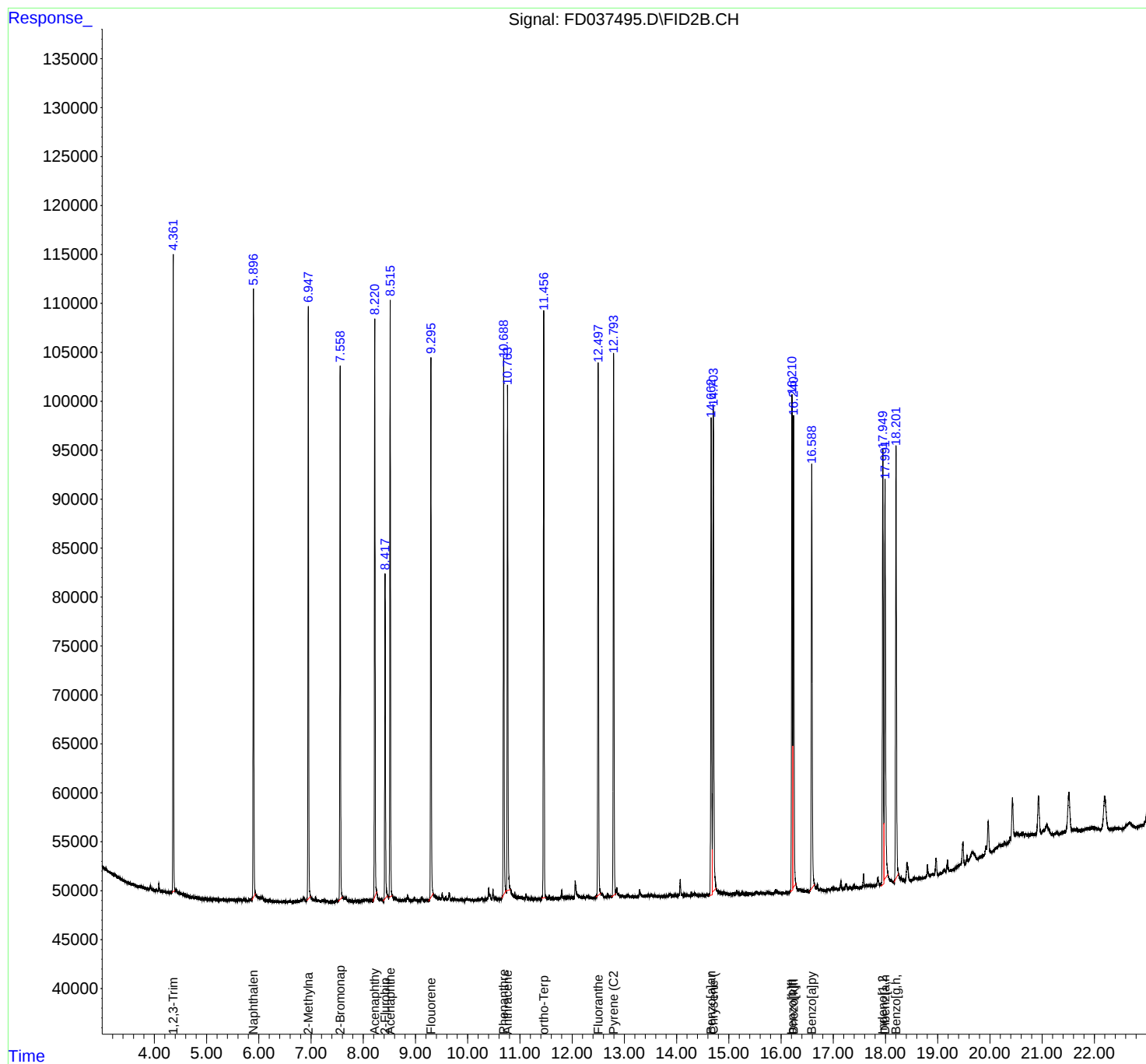
Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

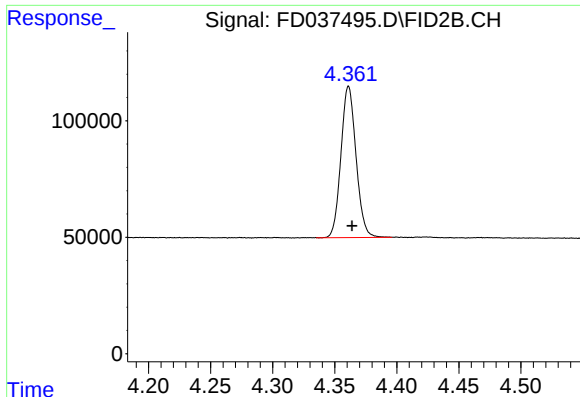
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Integration File: autoint1.e
Quant Time: May 14 06:40:06 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
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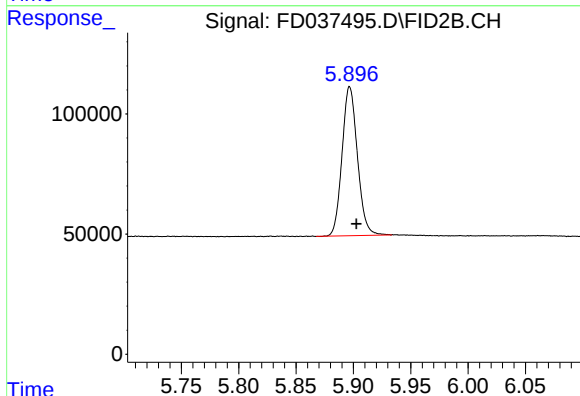
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 549001
Conc: 5.39 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

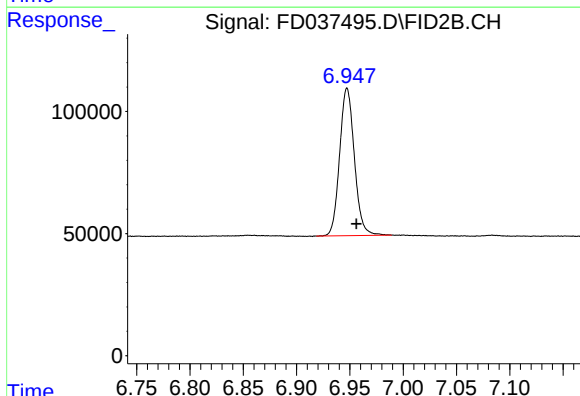
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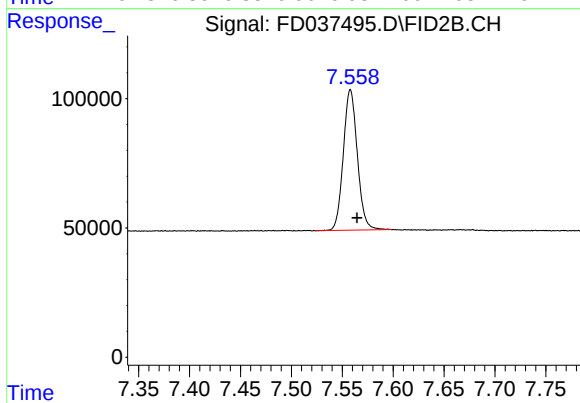
#2 Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.006 min
Response: 577747
Conc: 5.27 ug/ml



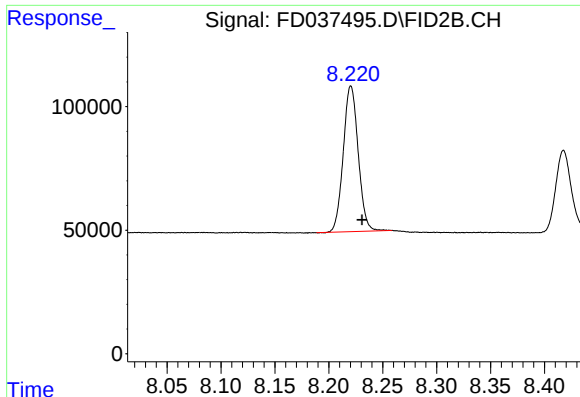
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.009 min
Response: 581223
Conc: 5.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: -0.006 min
Response: 522144
Conc: 5.28 ug/ml



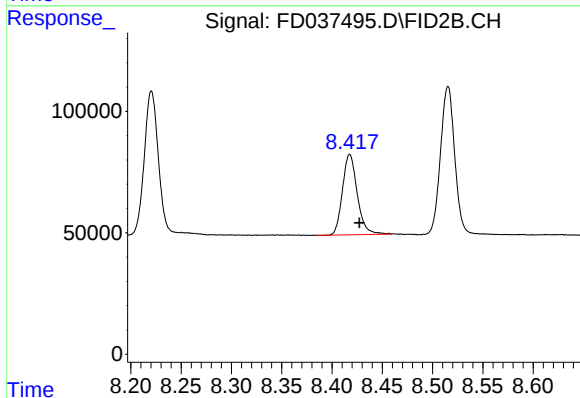
#5 Acenaphthylene (C15.06)

R.T.: 8.221 min
Delta R.T.: -0.010 min
Response: 568006
Conc: 5.27 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

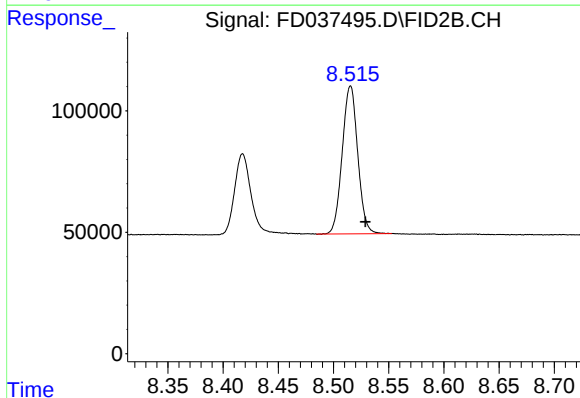
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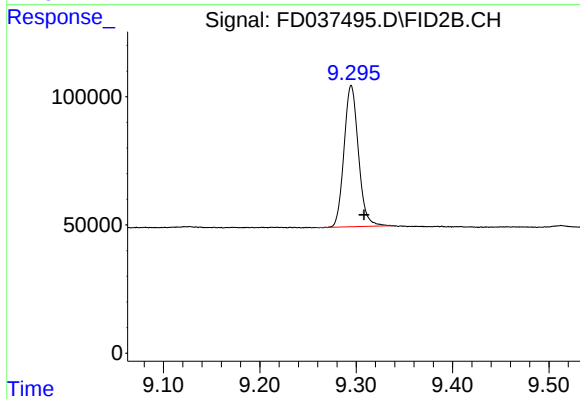
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.418 min
Delta R.T.: -0.009 min
Response: 339128
Conc: 5.02 ug/ml



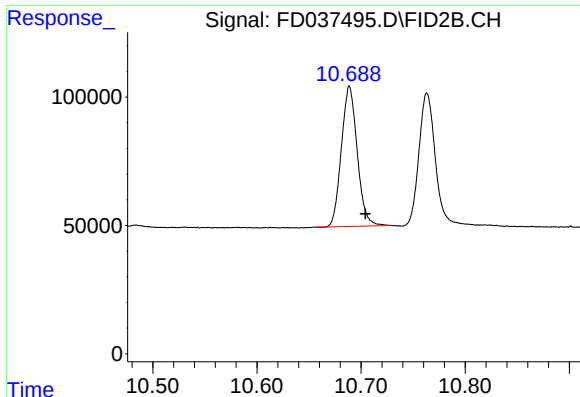
#7 Acenaphthene (C15.5)

R.T.: 8.516 min
Delta R.T.: -0.013 min
Response: 595701
Conc: 5.35 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.295 min
Delta R.T.: -0.013 min
Response: 567751
Conc: 5.18 ug/ml



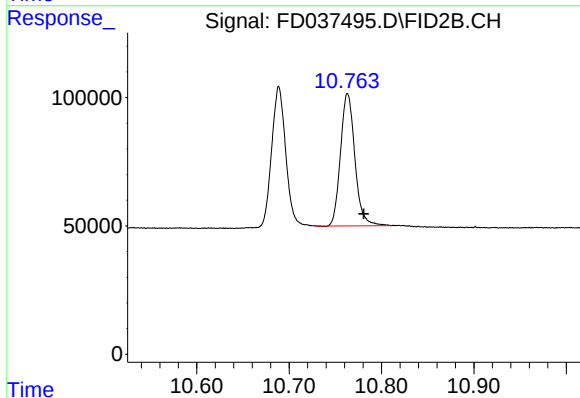
#9 Phenanthrene (C19.36)

R.T.: 10.689 min
Delta R.T.: -0.015 min
Response: 577400
Conc: 5.19 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

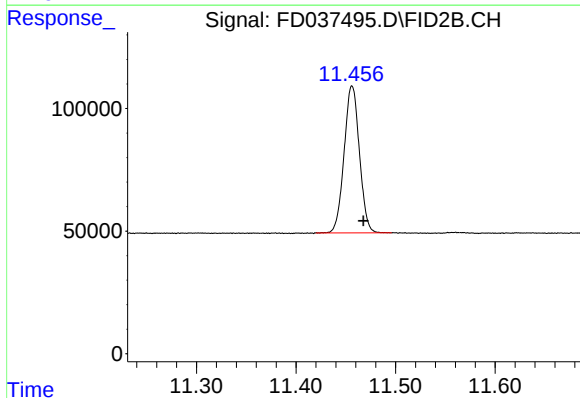
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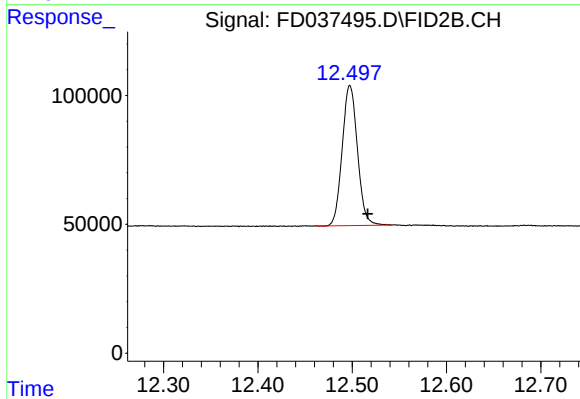
#10 Anthracene (C19.43)

R.T.: 10.763 min
Delta R.T.: -0.018 min
Response: 557016
Conc: 5.09 ug/ml



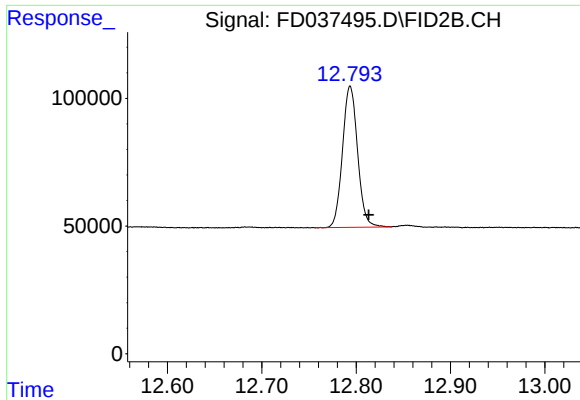
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.011 min
Response: 640429
Conc: 5.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.498 min
Delta R.T.: -0.019 min
Response: 610830
Conc: 5.38 ug/ml



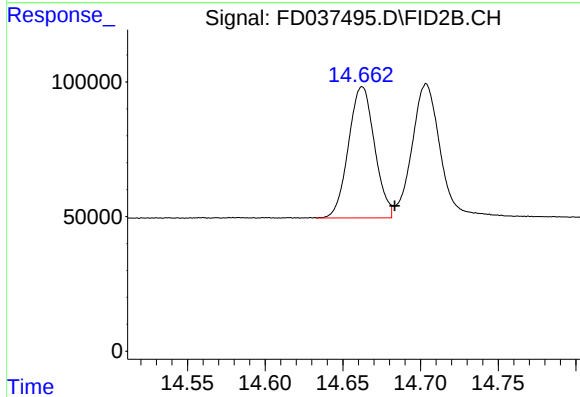
#13 Pyrene (C20.8)

R.T.: 12.794 min
Delta R.T.: -0.020 min
Response: 612525
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

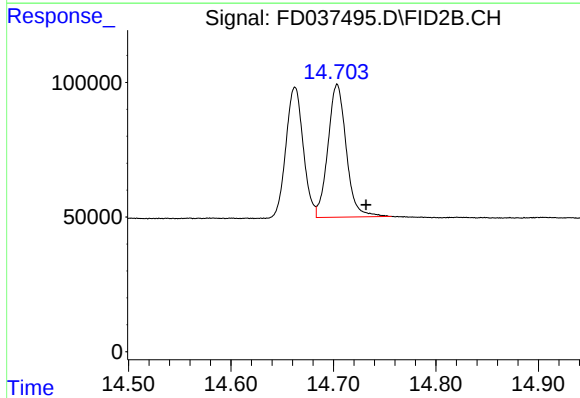
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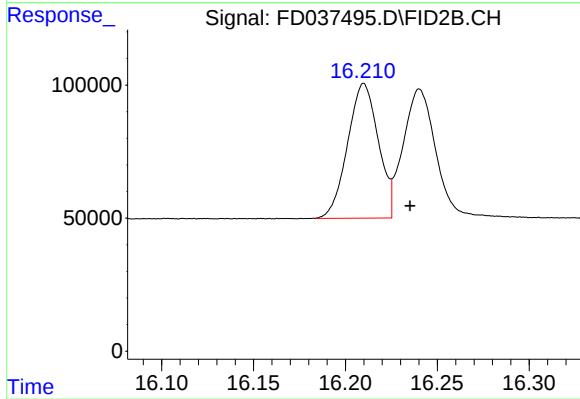
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.662 min
Delta R.T.: -0.022 min
Response: 568676
Conc: 5.23 ug/ml m



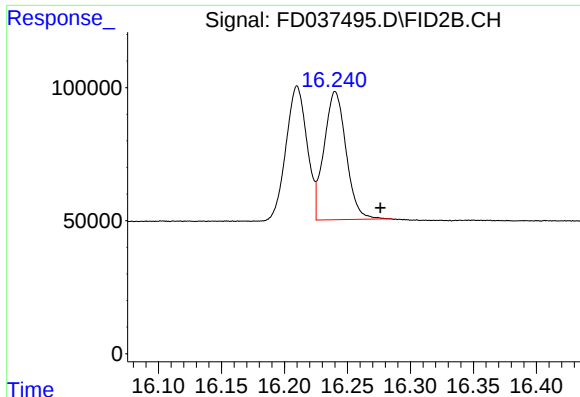
#15 Chrysene (C27.41)

R.T.: 14.704 min
Delta R.T.: -0.028 min
Response: 613507
Conc: 5.47 ug/ml



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

R.T.: 16.210 min
Delta R.T.: -0.026 min
Response: 593588
Conc: 5.34 ug/ml m



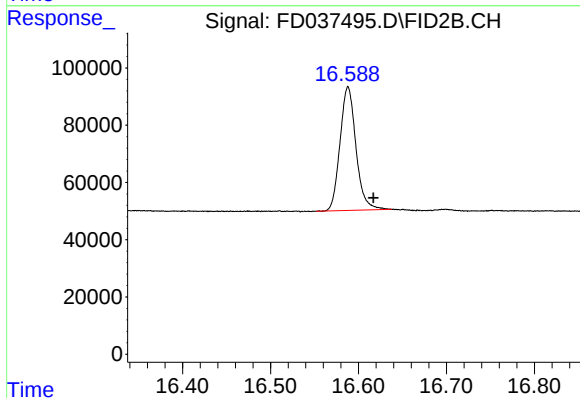
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.240 min
Delta R.T.: -0.036 min
Response: 586381
Conc: 5.42 ug/ml

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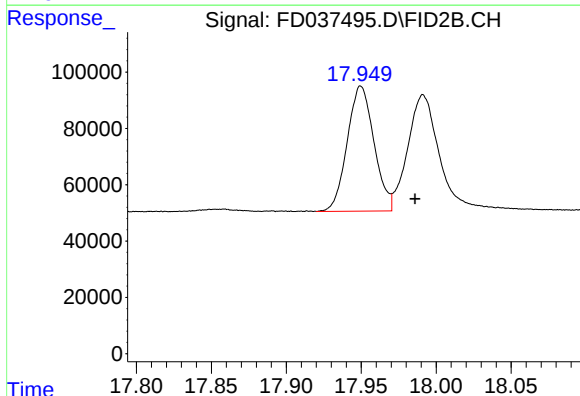
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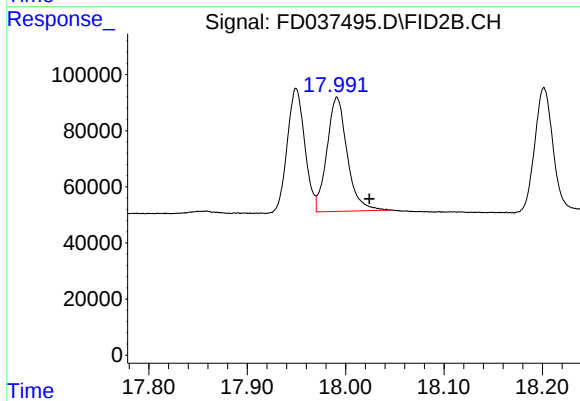
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.588 min
Delta R.T.: -0.029 min
Response: 543767
Conc: 5.27 ug/ml



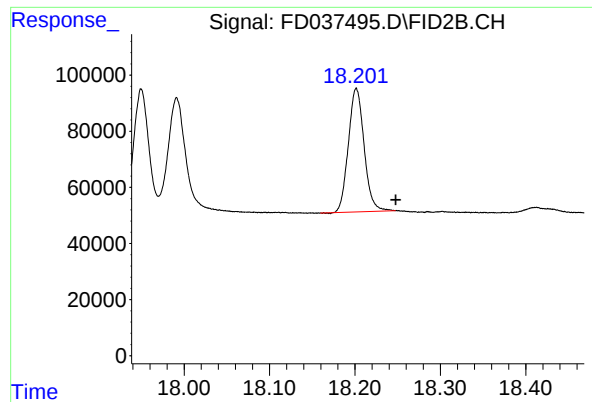
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.949 min
Delta R.T.: -0.037 min
Response: 554055
Conc: 5.10 ug/ml m



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

R.T.: 17.991 min
Delta R.T.: -0.033 min
Response: 583455
Conc: 5.50 ug/ml



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

R.T.: 18.202 min
Delta R.T.: -0.046 min
Response: 563735
Conc: 5.22 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5

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