

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082123AR\
 Data File : FD046360.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 16:10
 Operator : YP/AJ
 Sample : PB154951BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154951BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 21 17:52:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:27:51 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...	7.499	6633769	42.624 ug/ml
Spiked Amount 50.000		Recovery =	85.25%
6) S 2-Fluorobiphenyl (SURR)	8.354	4365723	42.657 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.31%
11) S ortho-Terphenyl (SURR)	11.391	7252115	37.803 ug/ml
Spiked Amount 50.000		Recovery =	75.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.311	5142515	28.919 ug/ml
2) T Naphthalene (C11.7)	5.838	5886694	31.940 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	6025410	33.116 ug/ml
5) T Acenaphthylene (C15.06)	8.158	6336363	38.224 ug/ml
7) T Acenaphthene (C15.5)	8.453	6225270	35.047 ug/ml
8) T Fluorene (C16.55)	9.231	6399824	37.536 ug/ml
9) T Phenanthrene (C19.36)	10.621	6492863	38.606 ug/ml
10) T Anthracene (C19.43)	10.697	6443352	43.293 ug/ml
12) T Fluoranthene (C21.85)	12.425	6579875	40.262 ug/ml
13) T Pyrene (C20.8)	12.720	6607353	41.358 ug/ml
14) T Benzo[a]anthracene (C...	14.585	6065348	42.831 ug/ml
15) T Chrysene (C27.41)	14.628	6071331	41.400 ug/ml
16) T benzo[b]fluoranthene ...	16.127	5734341	42.257 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.161	5719029	43.258 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.502	5362407	42.276 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	5360175	42.844 ug/mlm
20) T Dibenz[a,h]anthracene...	17.902	5171293	40.742 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	5069195	39.886 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 59 Sample Multiplier: 1

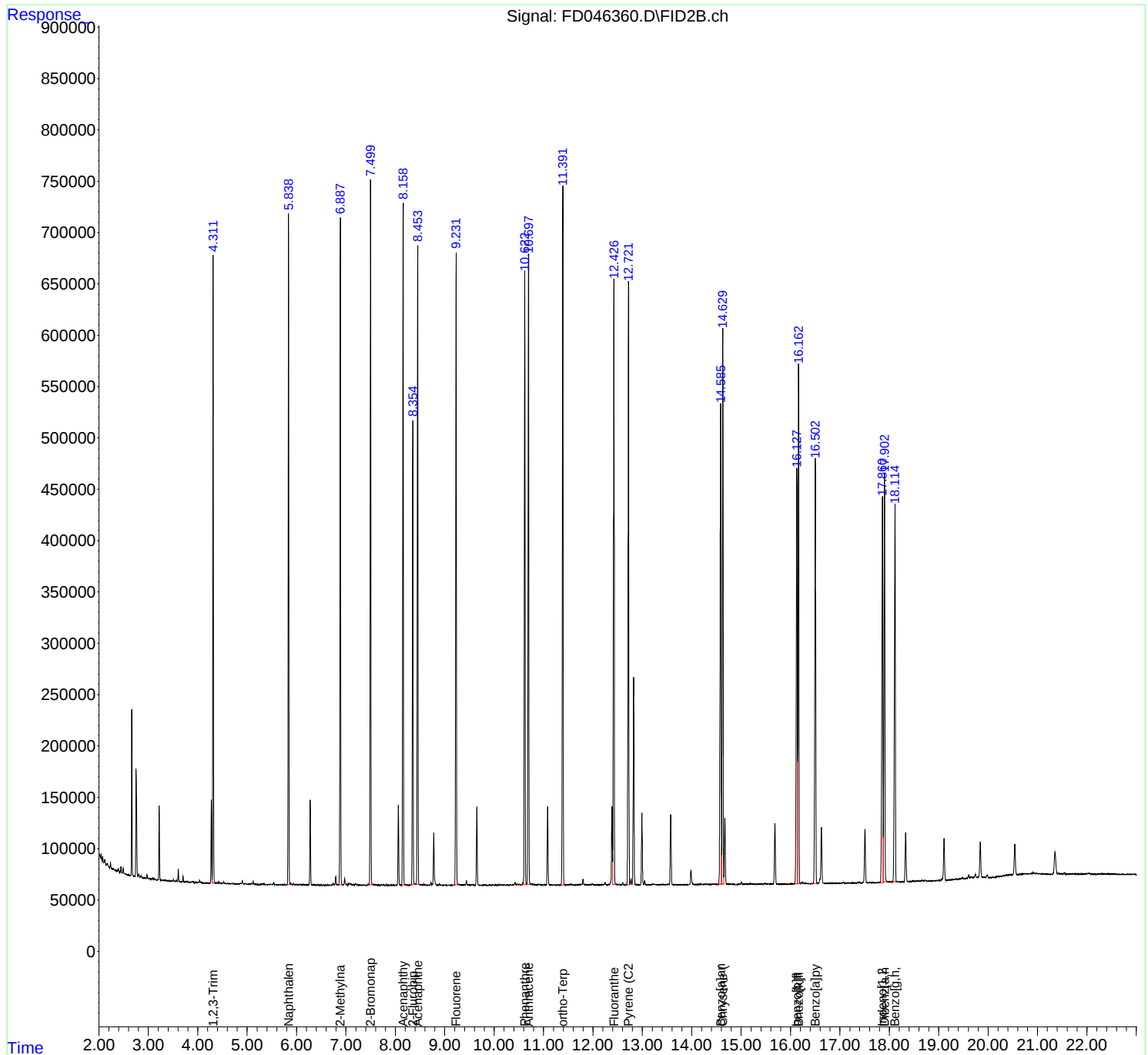
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PB154951BSD

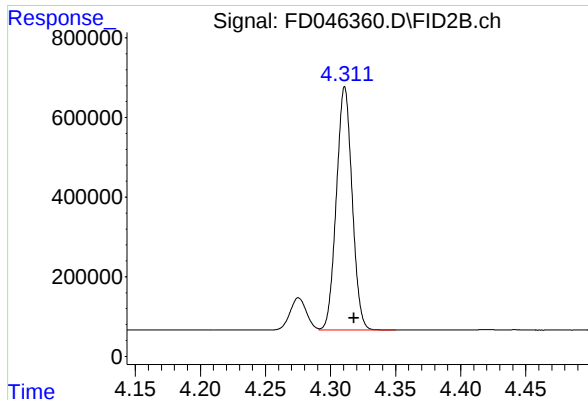
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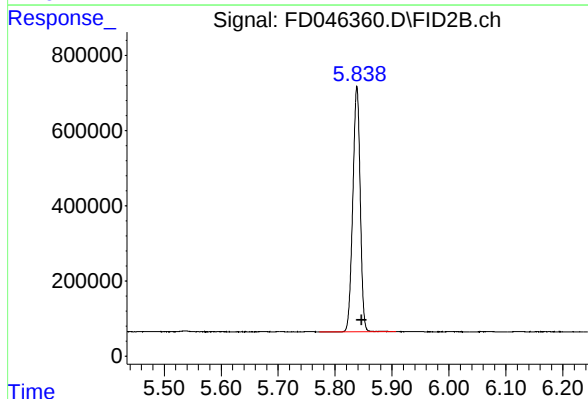
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.311 min
Delta R.T.: -0.007 min
Response: 5142515
Conc: 28.92 ug/ml

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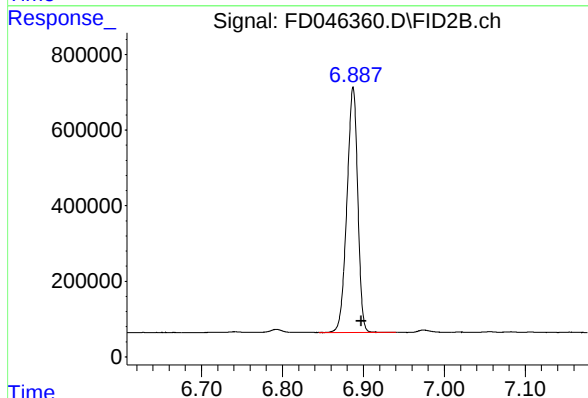
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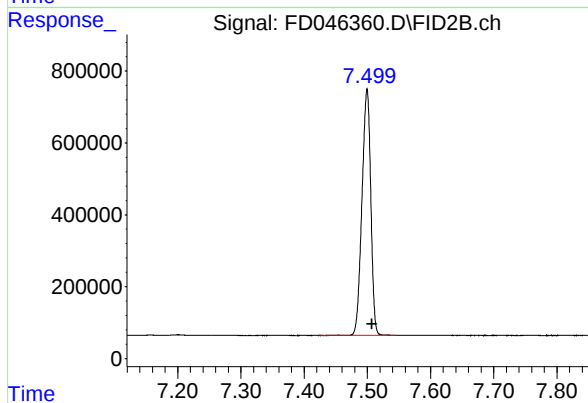
#2 Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: -0.009 min
Response: 5886694
Conc: 31.94 ug/ml



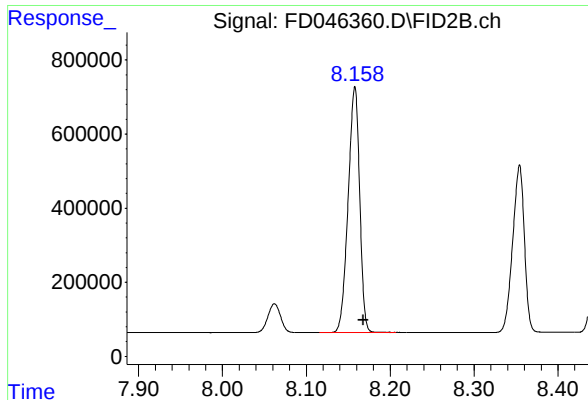
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: -0.010 min
Response: 6025410
Conc: 33.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.499 min
Delta R.T.: -0.008 min
Response: 6633769
Conc: 42.62 ug/ml



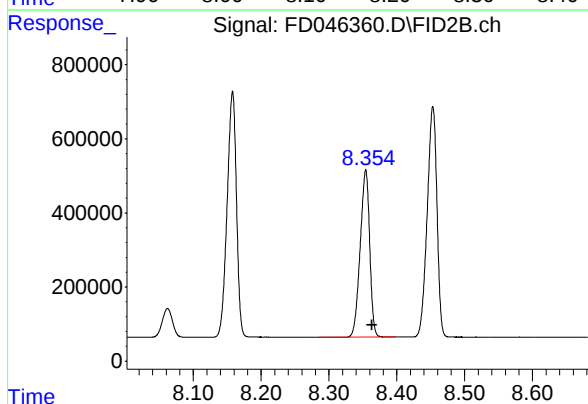
#5 Acenaphthylene (C15.06)

R.T.: 8.158 min
Delta R.T.: -0.010 min
Response: 6336363
Conc: 38.22 ug/ml

Instrument :
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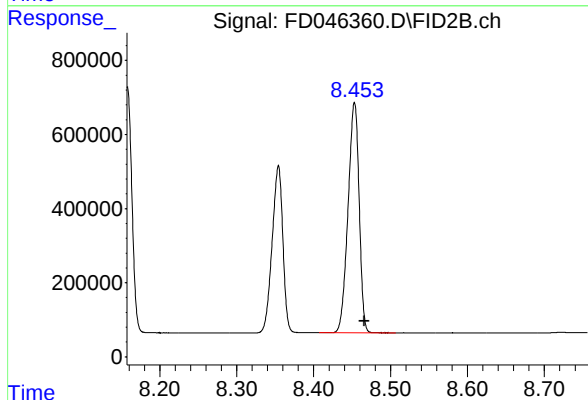
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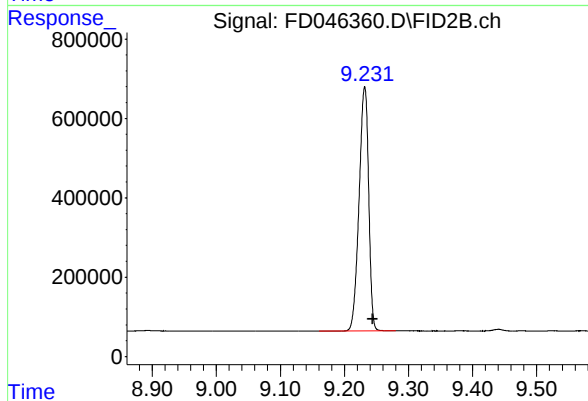
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.354 min
Delta R.T.: -0.009 min
Response: 4365723
Conc: 42.66 ug/ml



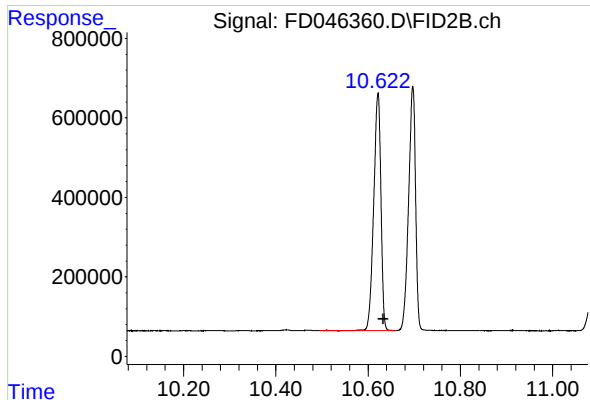
#7 Acenaphthene (C15.5)

R.T.: 8.453 min
Delta R.T.: -0.013 min
Response: 6225270
Conc: 35.05 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.231 min
Delta R.T.: -0.012 min
Response: 6399824
Conc: 37.54 ug/ml



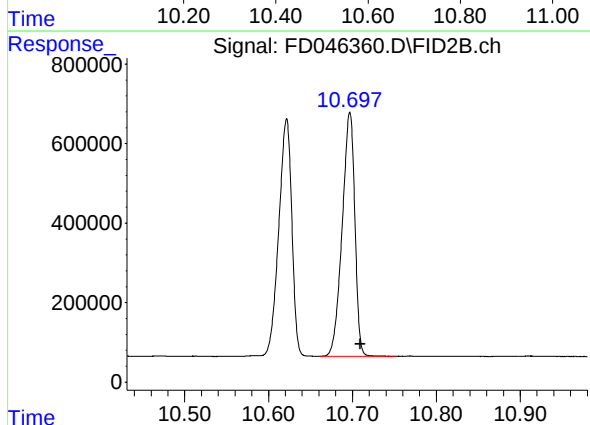
#9 Phenanthrene (C19.36)

R.T.: 10.621 min
Delta R.T.: -0.012 min
Response: 6492863
Conc: 38.61 ug/ml

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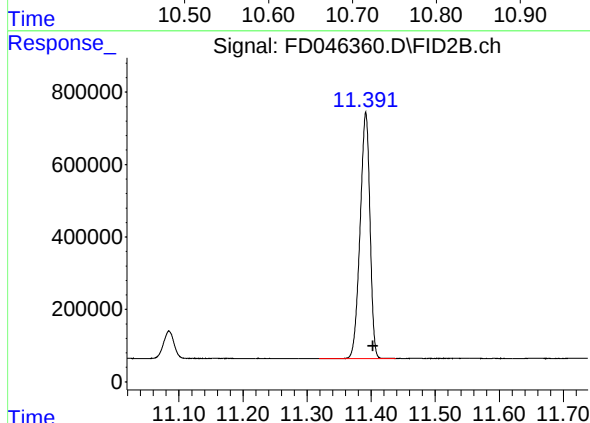
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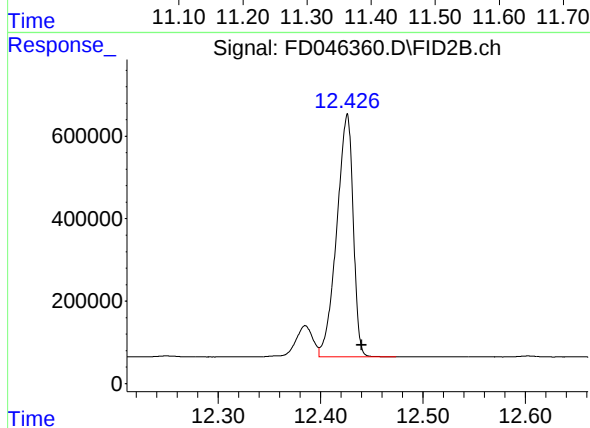
#10 Anthracene (C19.43)

R.T.: 10.697 min
Delta R.T.: -0.013 min
Response: 6443352
Conc: 43.29 ug/ml



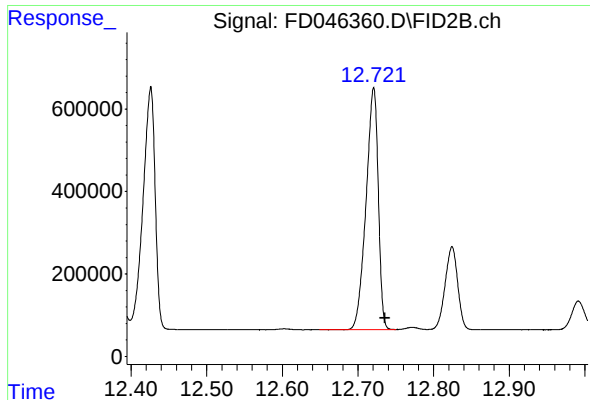
#11 ortho-Terphenyl (SURR)

R.T.: 11.391 min
Delta R.T.: -0.011 min
Response: 7252115
Conc: 37.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.425 min
Delta R.T.: -0.014 min
Response: 6579875
Conc: 40.26 ug/ml



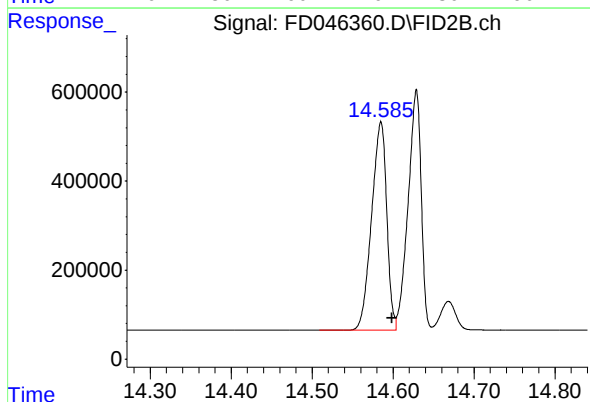
#13 Pyrene (C20.8)

R.T.: 12.720 min
Delta R.T.: -0.015 min
Response: 6607353
Conc: 41.36 ug/ml

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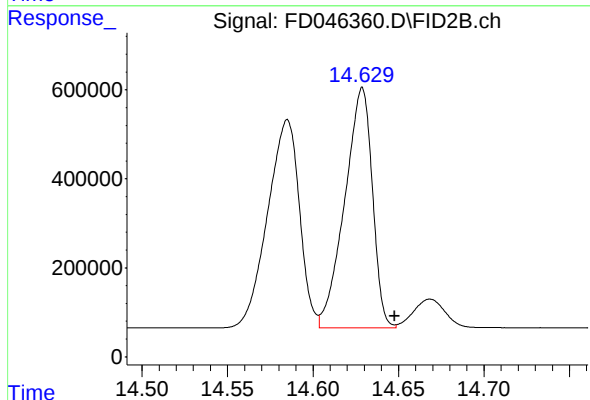
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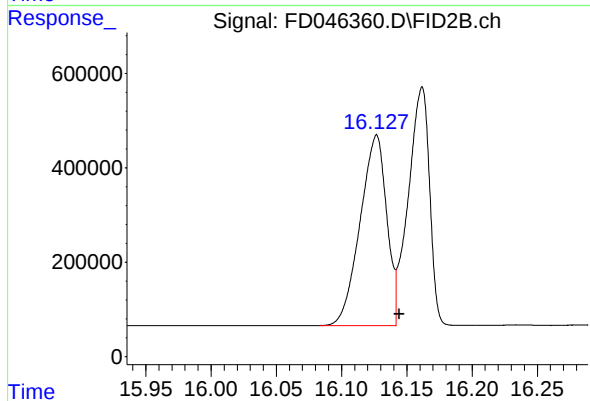
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: -0.014 min
Response: 6065348
Conc: 42.83 ug/ml



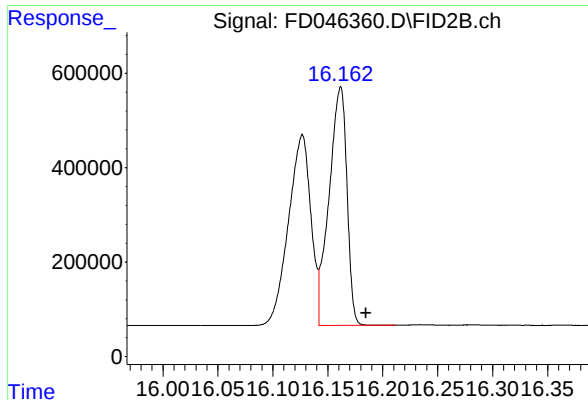
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: -0.019 min
Response: 6071331
Conc: 41.40 ug/ml



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

R.T.: 16.127 min
Delta R.T.: -0.018 min
Response: 5734341
Conc: 42.26 ug/ml m



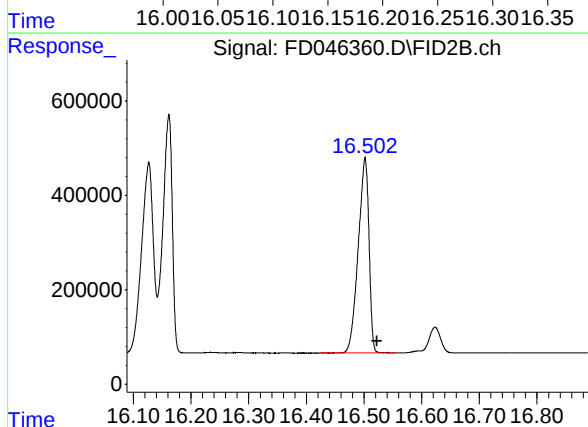
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: -0.024 min
Response: 5719029
Conc: 43.26 ug/ml

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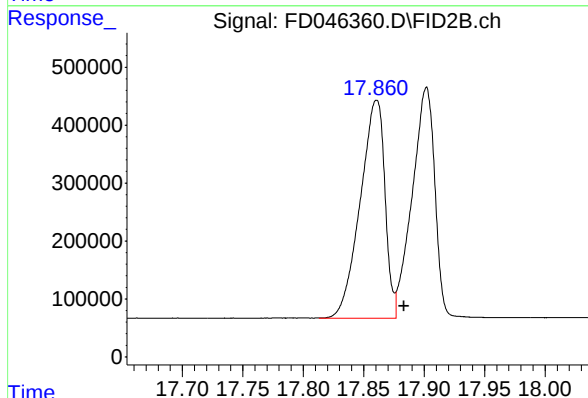
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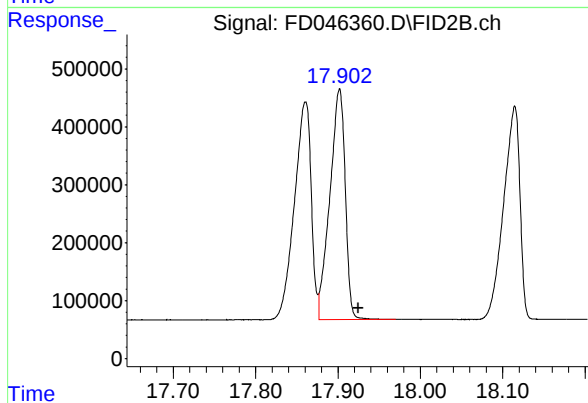
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.502 min
Delta R.T.: -0.021 min
Response: 5362407
Conc: 42.28 ug/ml



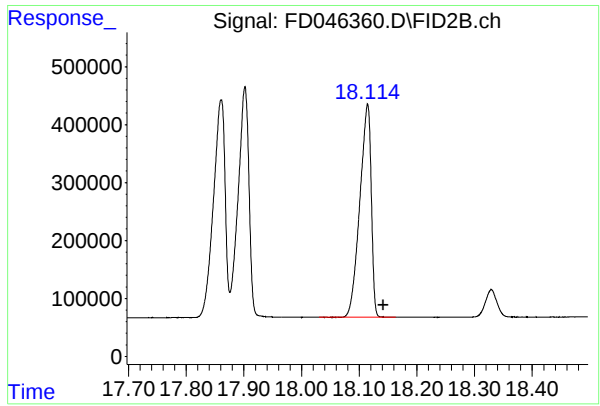
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.860 min
Delta R.T.: -0.023 min
Response: 5360175
Conc: 42.84 ug/ml m



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

R.T.: 17.902 min
Delta R.T.: -0.023 min
Response: 5171293
Conc: 40.74 ug/ml



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

R.T.: 18.114 min
Delta R.T.: -0.028 min
Response: 5069195
Conc: 39.89 ug/ml

Instrument :

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