

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042624AR\
 Data File : FD047594.D
 Signal(s) : FID2B.ch
 Acq On : 26 Apr 2024 18:28
 Operator : YP/AJ
 Sample : PB160550BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB160550BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e

Quant Time: Apr 27 00:40:17 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M

Quant Title : GC Extractables

QLast Update : Mon Apr 01 16:48:10 2024

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...	7.462	7825972	52.347 ug/ml
Spiked Amount 50.000		Recovery =	104.69%
6) S 2-Fluorobiphenyl (SURR)	8.315	4783197	48.954 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.91%
11) S ortho-Terphenyl (SURR)	11.354	7544046	44.008 ug/ml
Spiked Amount 50.000		Recovery =	88.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	5519060	34.927 ug/ml
2) T Naphthalene (C11.7)	5.800	6364913	38.896 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	6440932	39.159 ug/ml
5) T Acenaphthylene (C15.06)	8.118	6671771	44.201 ug/ml
7) T Acenaphthene (C15.5)	8.414	6597030	41.189 ug/ml
8) T Fluorene (C16.55)	9.192	6785877	43.864 ug/ml
9) T Phenanthrene (C19.36)	10.582	6872187	46.190 ug/ml
10) T Anthracene (C19.43)	10.657	6773048	49.799 ug/ml
12) T Fluoranthene (C21.85)	12.388	6871861	46.485 ug/ml
13) T Pyrene (C20.8)	12.683	6948257	48.145 ug/ml
14) T Benzo[a]anthracene (C...	14.550	6452279	49.062 ug/ml
15) T Chrysene (C27.41)	14.594	6415275	45.495 ug/ml
16) T benzo[b]fluoranthene ...	16.097	6481623	46.459 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	6417553	46.140 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.473	6337318	46.156 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	6416615	47.569 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	6174109	45.939 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	5981249	43.096 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB160550BSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

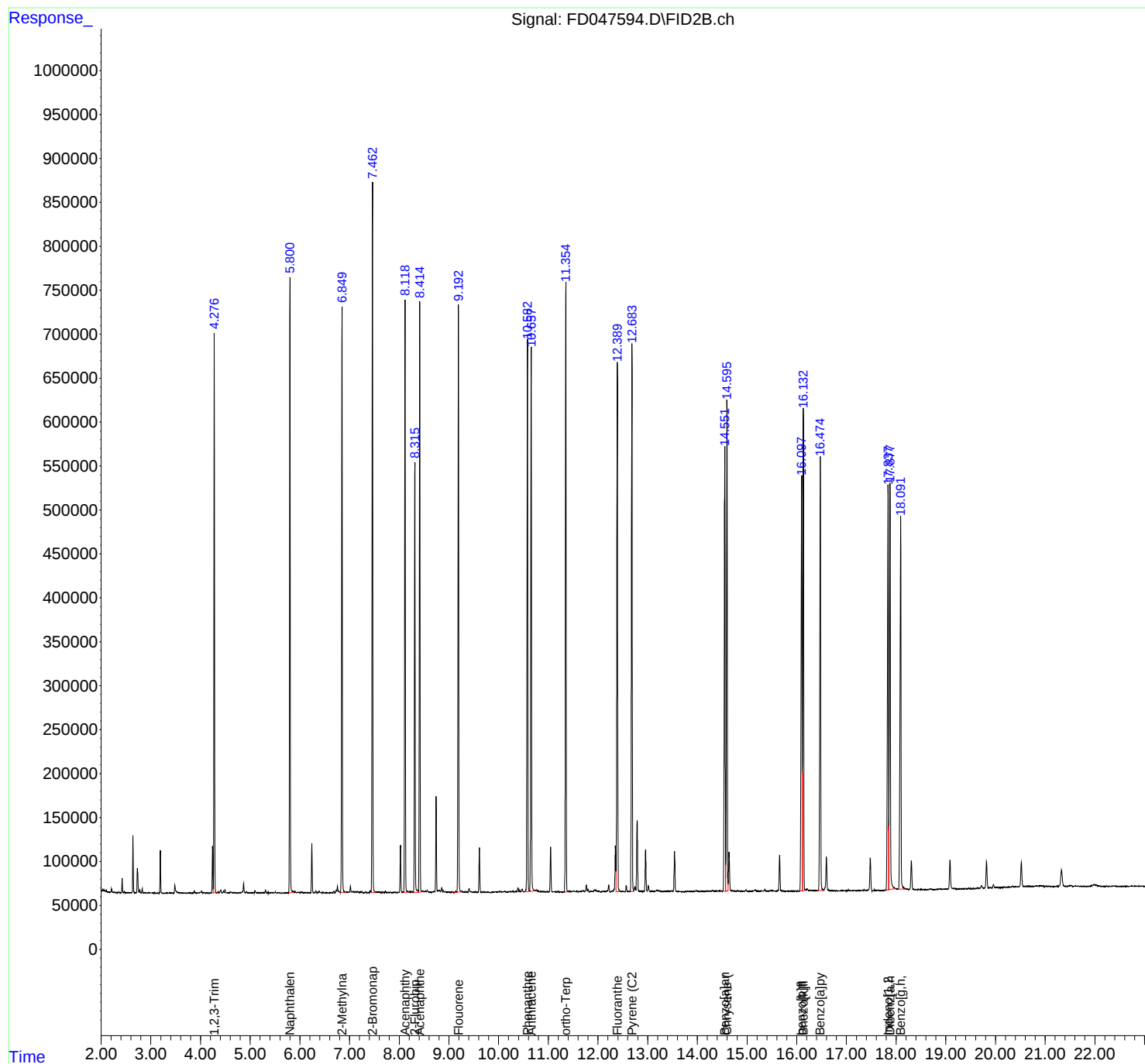
Instrument :
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ClientSampleId :
PB160550BSD

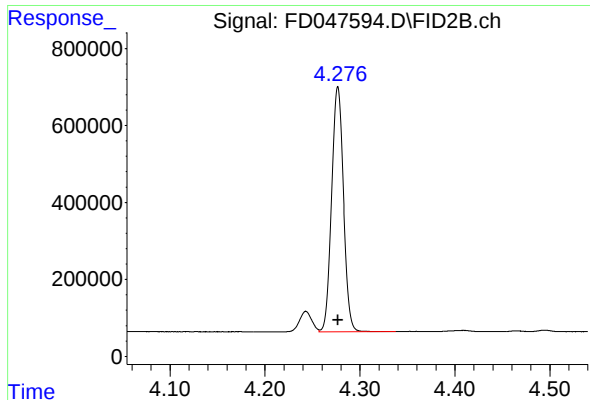
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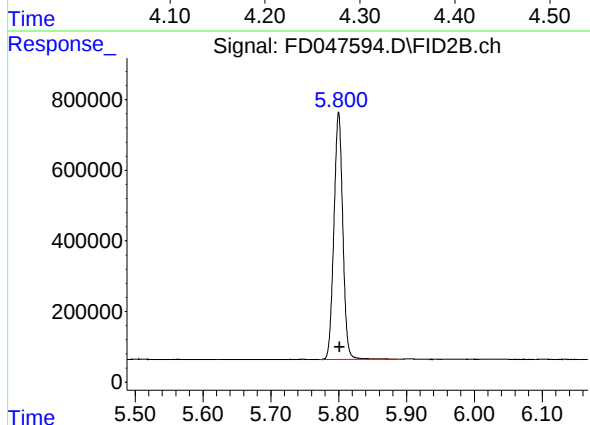
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 5519060
Conc: 34.93 ug/ml

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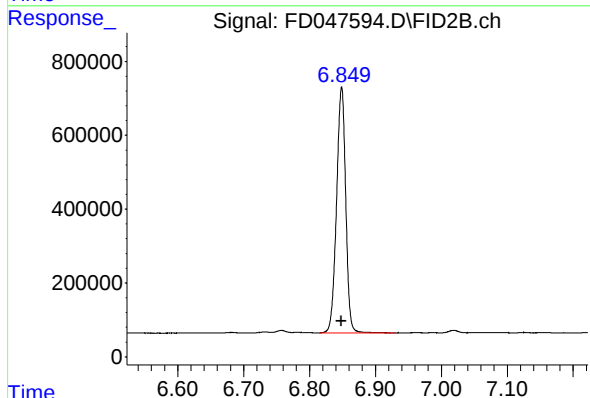
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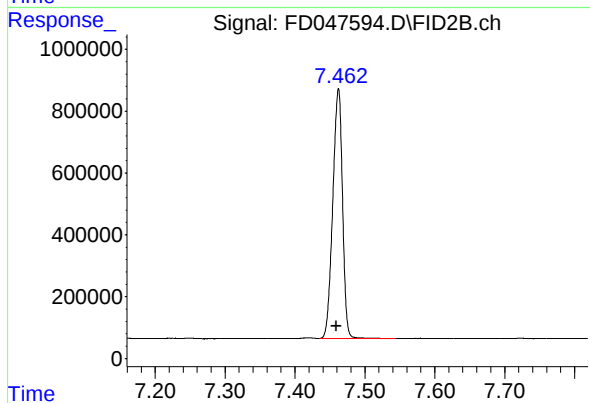
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 6364913
Conc: 38.90 ug/ml



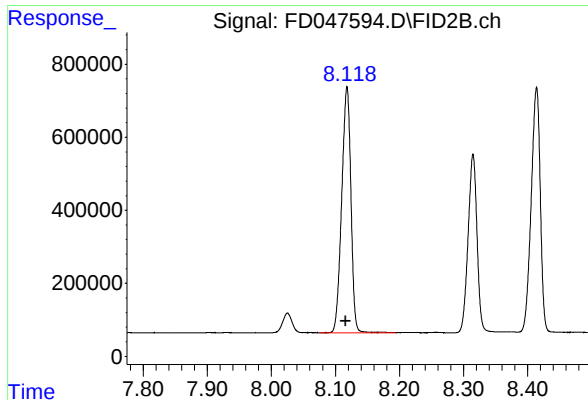
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 6440932
Conc: 39.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 7825972
Conc: 52.35 ug/ml



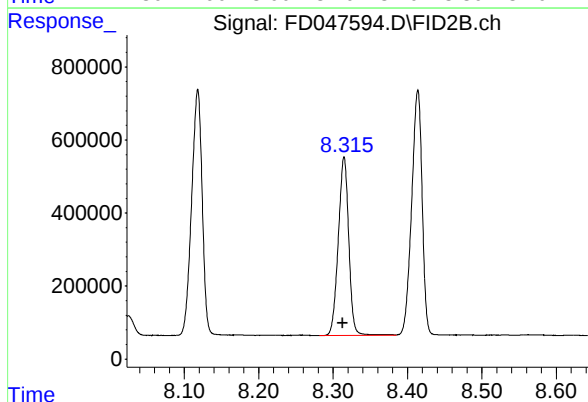
#5 Acenaphthylene (C15.06)

R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 6671771
Conc: 44.20 ug/ml

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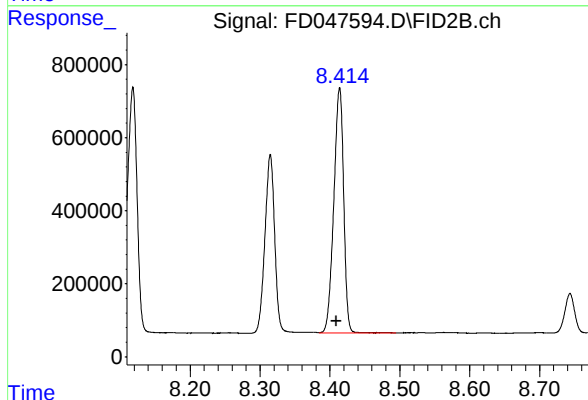
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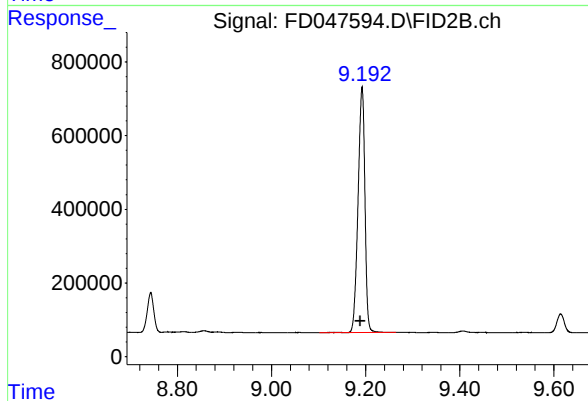
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.001 min
Response: 4783197
Conc: 48.95 ug/ml



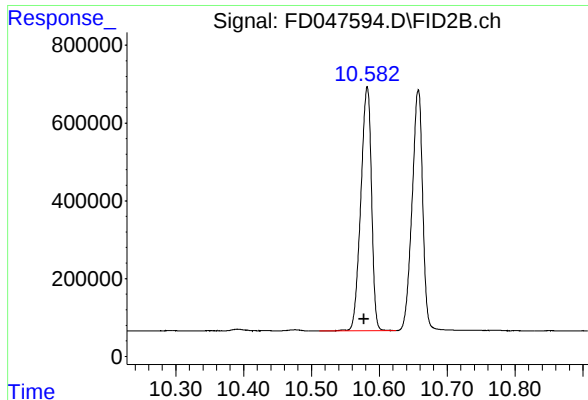
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.004 min
Response: 6597030
Conc: 41.19 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.192 min
Delta R.T.: 0.004 min
Response: 6785877
Conc: 43.86 ug/ml



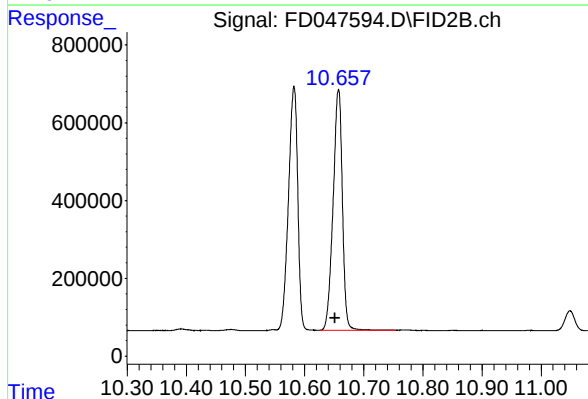
#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: 0.004 min
Response: 6872187
Conc: 46.19 ug/ml

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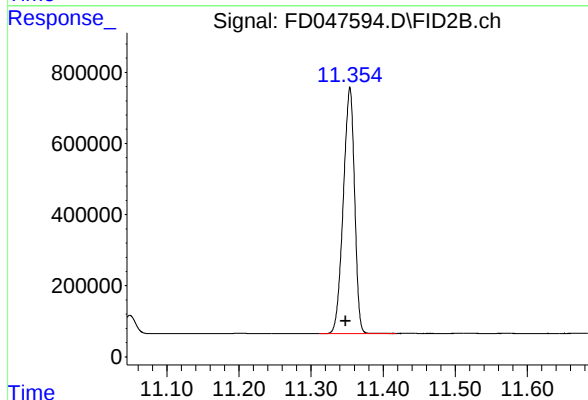
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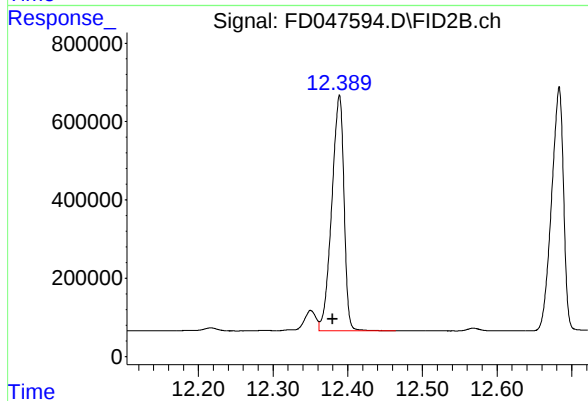
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.005 min
Response: 6773048
Conc: 49.80 ug/ml



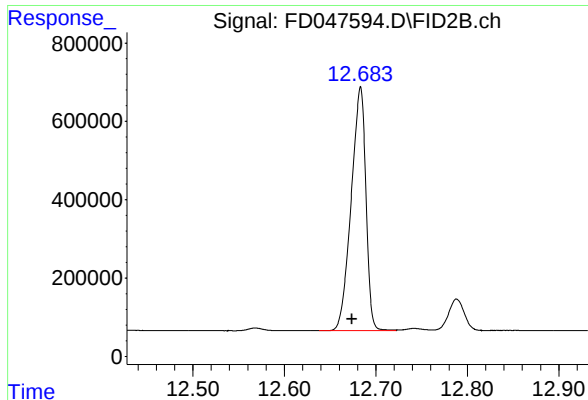
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.006 min
Response: 7544046
Conc: 44.01 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.008 min
Response: 6871861
Conc: 46.48 ug/ml



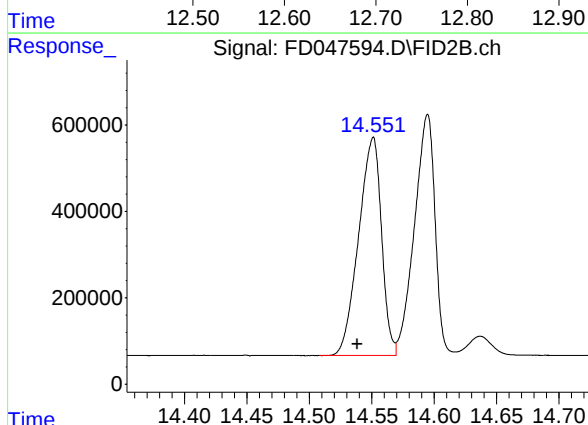
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.009 min
Response: 6948257
Conc: 48.14 ug/ml

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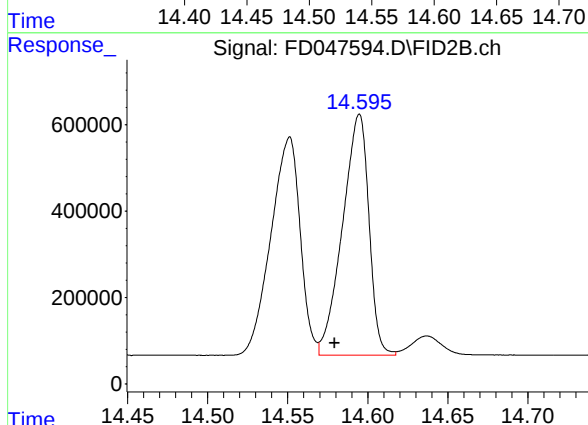
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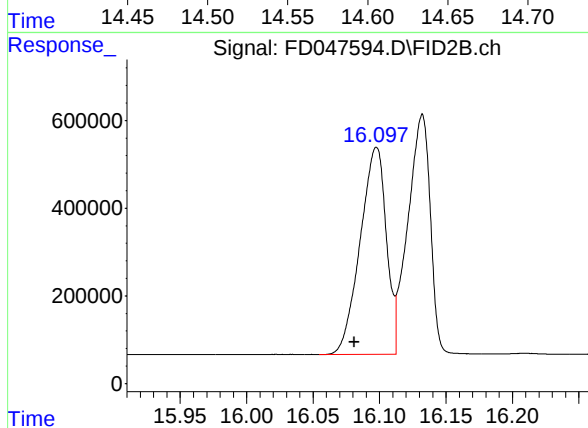
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
Delta R.T.: 0.012 min
Response: 6452279
Conc: 49.06 ug/ml



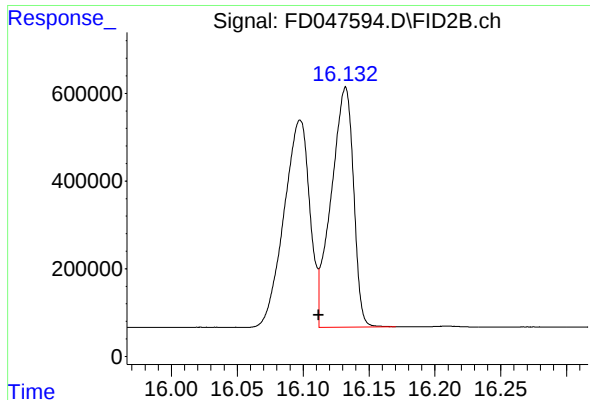
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.015 min
Response: 6415275
Conc: 45.50 ug/ml



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

R.T.: 16.097 min
Delta R.T.: 0.016 min
Response: 6481623
Conc: 46.46 ug/ml



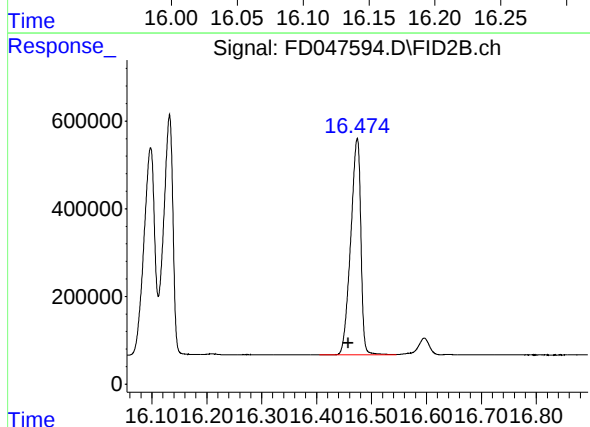
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.132 min
Delta R.T.: 0.020 min
Response: 6417553
Conc: 46.14 ug/ml

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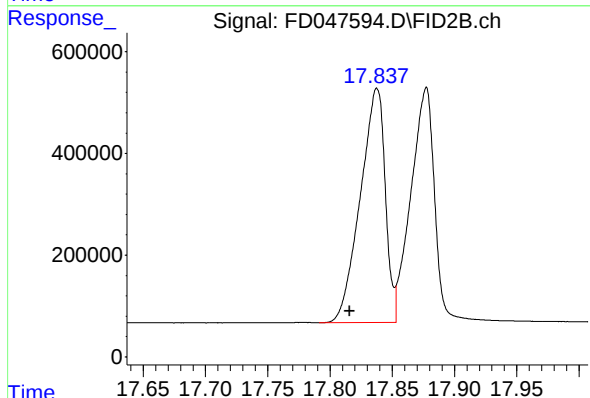
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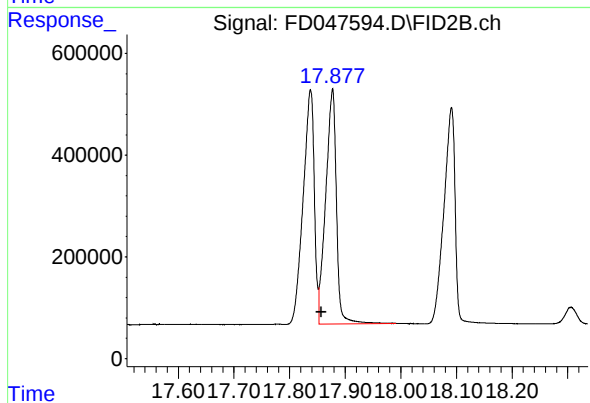
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.016 min
Response: 6337318
Conc: 46.16 ug/ml



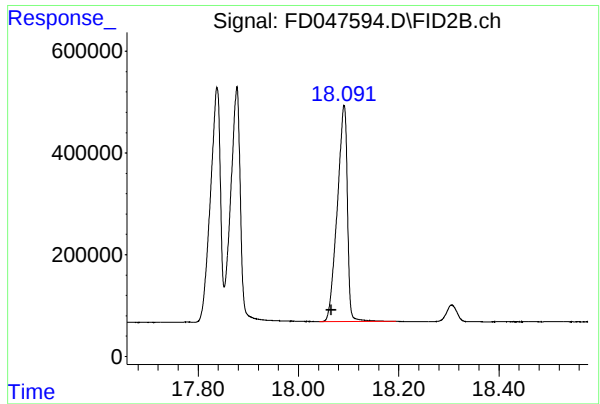
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.022 min
Response: 6416615
Conc: 47.57 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.019 min
Response: 6174109
Conc: 45.94 ug/ml



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

R.T.: 18.090 min
Delta R.T.: 0.025 min
Response: 5981249
Conc: 43.10 ug/ml

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