

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042624AR\
 Data File : FD047597.D
 Signal(s) : FID2B.ch
 Acq On : 26 Apr 2024 20:42
 Operator : YP/AJ
 Sample : PB160549BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB160549BSD

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 00:42:20 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	8569323	57.320 ug/ml
Spiked Amount 50.000		Recovery =	114.64%
6) S 2-Fluorobiphenyl (SURR)	8.315	5536234	56.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.32%
11) S ortho-Terphenyl (SURR)	11.354	7860597	45.854 ug/ml
Spiked Amount 50.000		Recovery =	91.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	6081767	38.489 ug/ml
2) T Naphthalene (C11.7)	5.799	6938832	42.403 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	7067994	42.971 ug/ml
5) T Acenaphthylene (C15.06)	8.118	7277381	48.214 ug/ml
7) T Acenaphthene (C15.5)	8.414	7154453	44.670 ug/ml
8) T Fluorene (C16.55)	9.193	7220575	46.674 ug/ml
9) T Phenanthrene (C19.36)	10.582	7059747	47.451 ug/ml
10) T Anthracene (C19.43)	10.658	6919036	50.873 ug/ml
12) T Fluoranthene (C21.85)	12.387	6934952	46.912 ug/ml
13) T Pyrene (C20.8)	12.682	7016307	48.616 ug/ml
14) T Benzo[a]anthracene (C...	14.550	6568132	49.943 ug/ml
15) T Chrysene (C27.41)	14.593	6563202	46.544 ug/ml
16) T benzo[b]fluoranthene ...	16.096	6566810	47.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	6812097	48.977 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.473	6454275	47.008 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	6522913	48.357 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	6304010	46.905 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	6052889	43.612 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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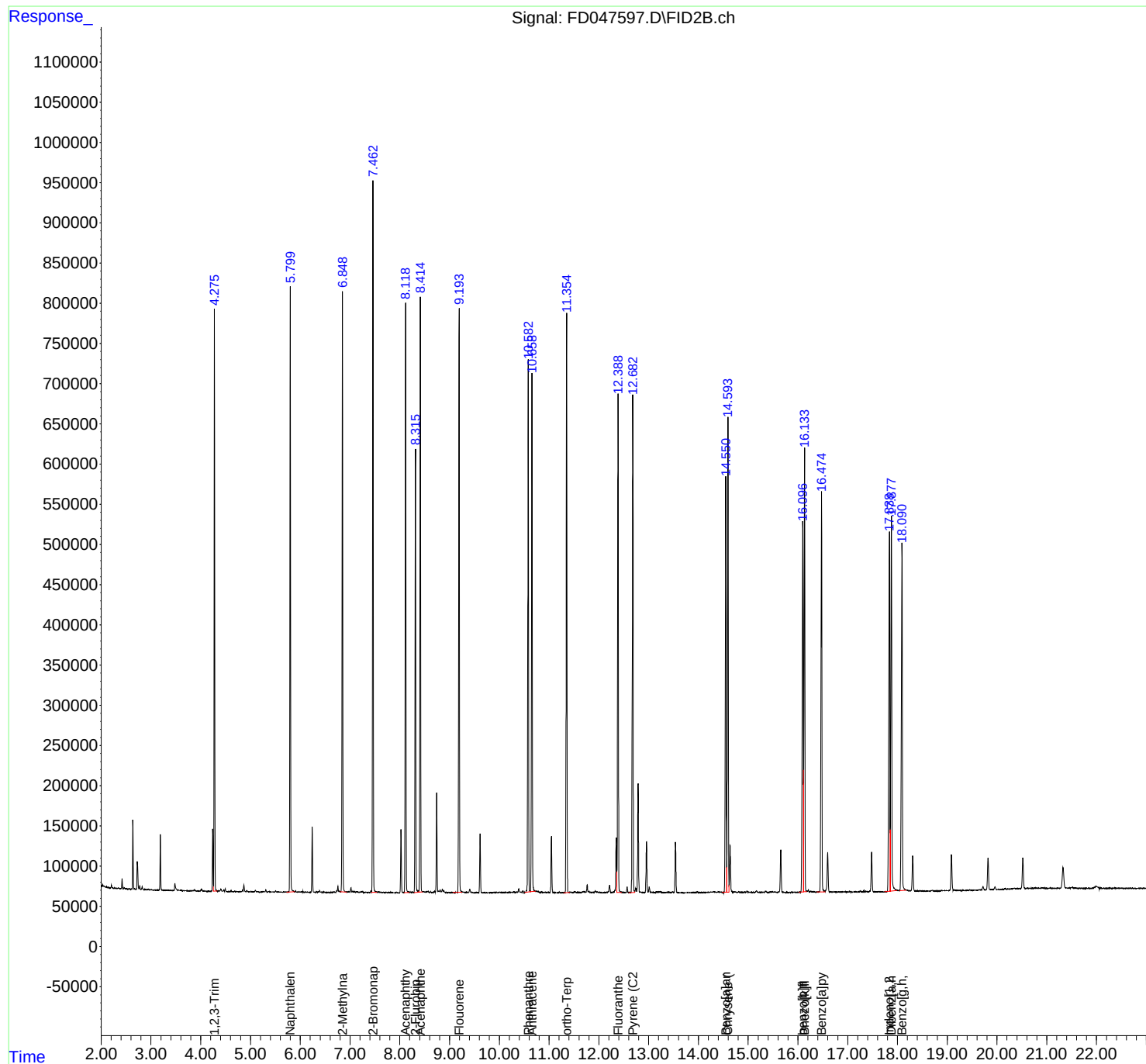
Instrument :
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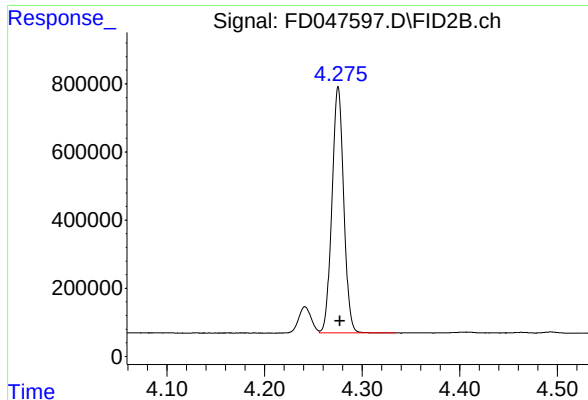
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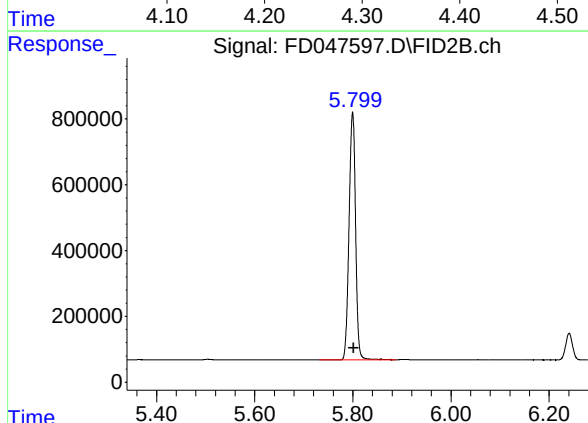
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: -0.002 min
Response: 6081767
Conc: 38.49 ug/ml

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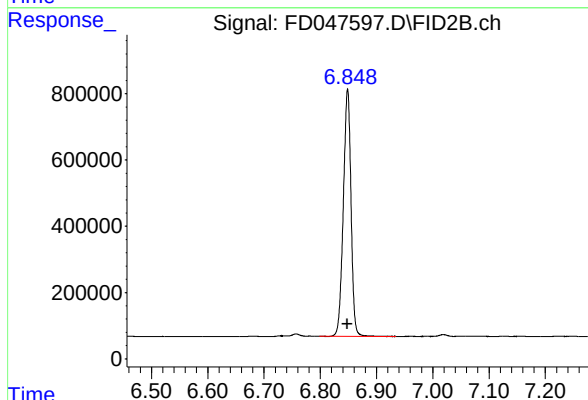
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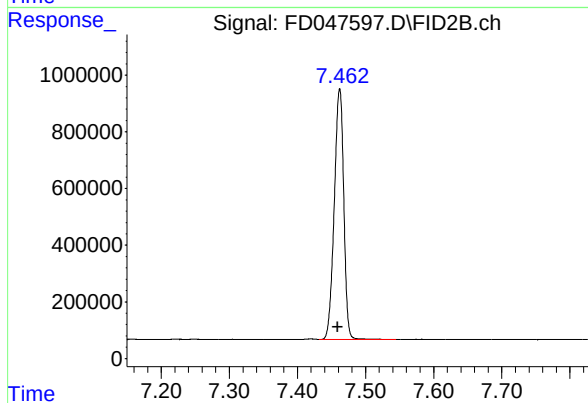
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 6938832
Conc: 42.40 ug/ml



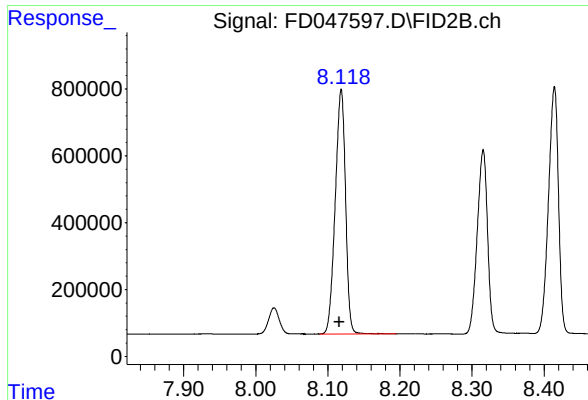
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 7067994
Conc: 42.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 8569323
Conc: 57.32 ug/ml



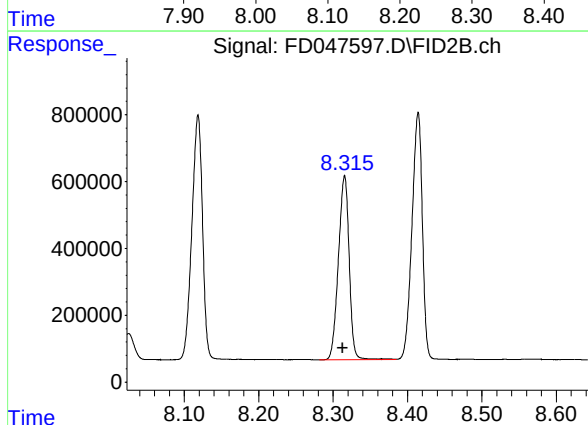
#5 Acenaphthylene (C15.06)

R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 7277381
Conc: 48.21 ug/ml

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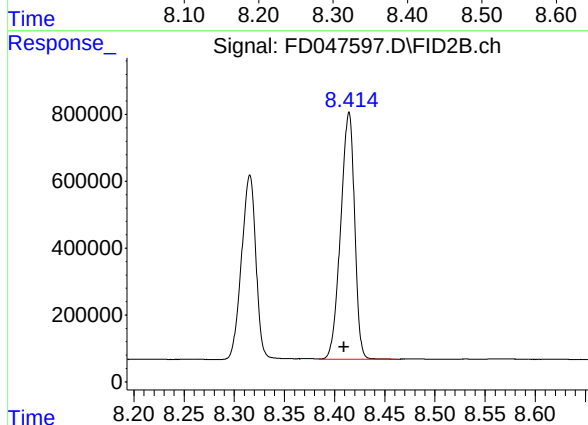
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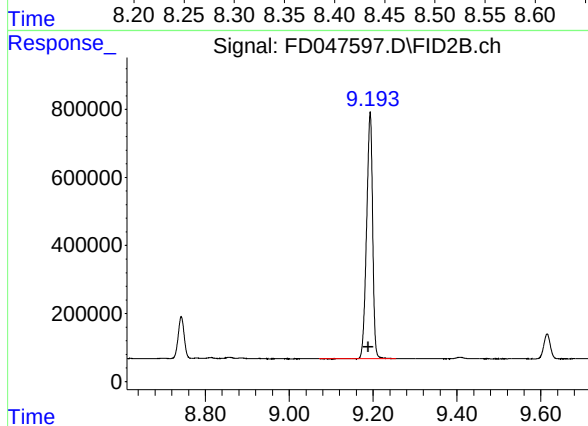
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.002 min
Response: 5536234
Conc: 56.66 ug/ml



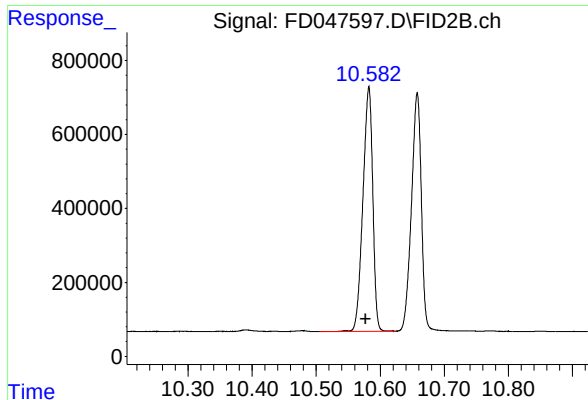
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.005 min
Response: 7154453
Conc: 44.67 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.193 min
Delta R.T.: 0.004 min
Response: 7220575
Conc: 46.67 ug/ml



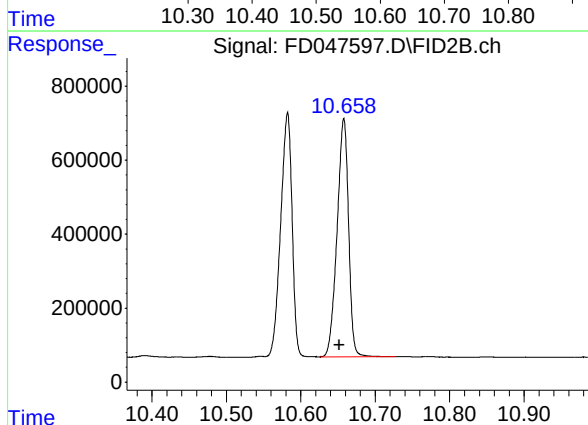
#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: 0.004 min
Response: 7059747
Conc: 47.45 ug/ml

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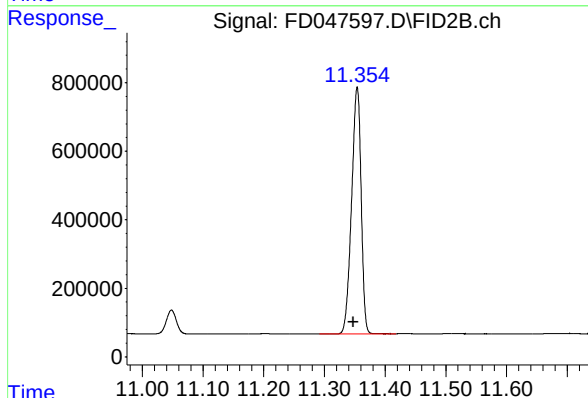
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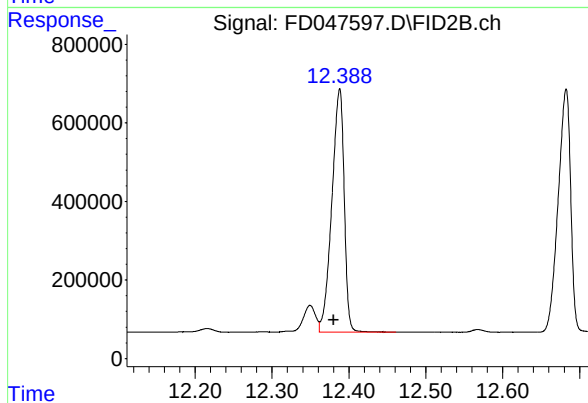
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.006 min
Response: 6919036
Conc: 50.87 ug/ml



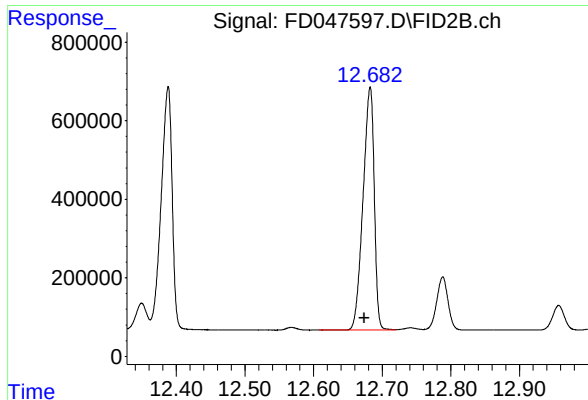
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.006 min
Response: 7860597
Conc: 45.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.008 min
Response: 6934952
Conc: 46.91 ug/ml



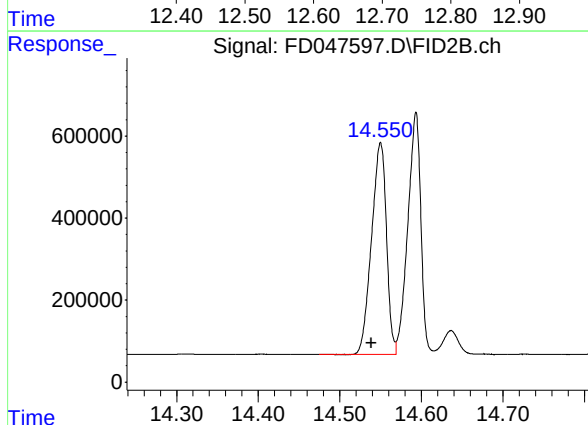
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.008 min
Response: 7016307
Conc: 48.62 ug/ml

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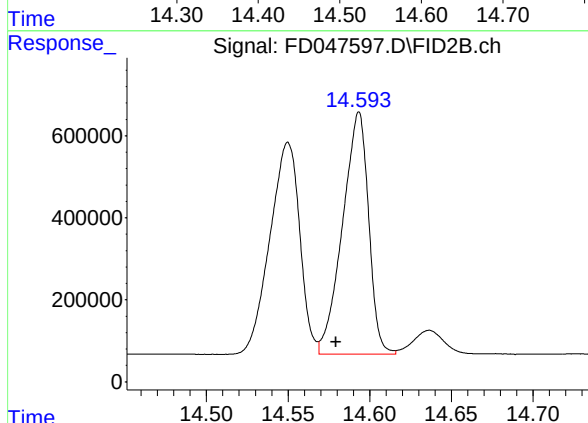
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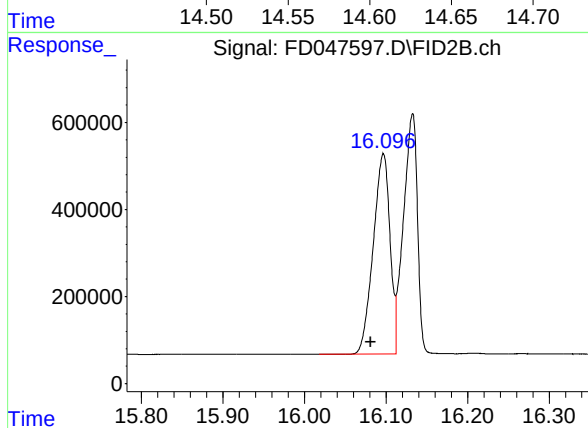
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
Delta R.T.: 0.011 min
Response: 6568132
Conc: 49.94 ug/ml



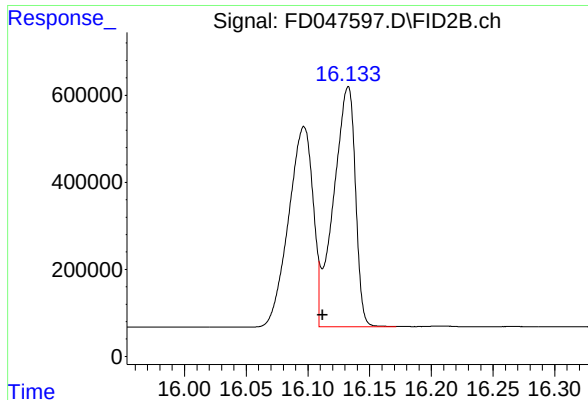
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.014 min
Response: 6563202
Conc: 46.54 ug/ml



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

R.T.: 16.096 min
Delta R.T.: 0.015 min
Response: 6566810
Conc: 47.07 ug/ml



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

R.T.: 16.133 min
Delta R.T.: 0.021 min
Response: 6812097
Conc: 48.98 ug/ml

Instrument :

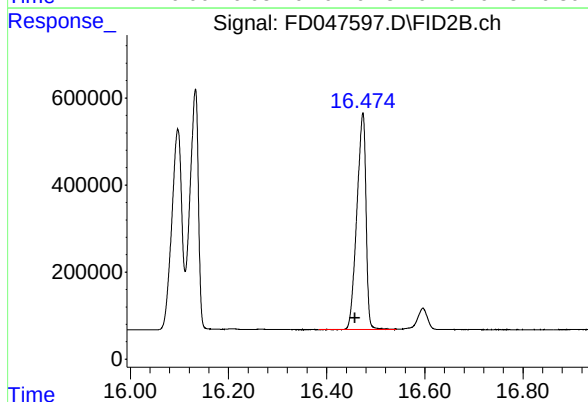
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ClientSampleId :

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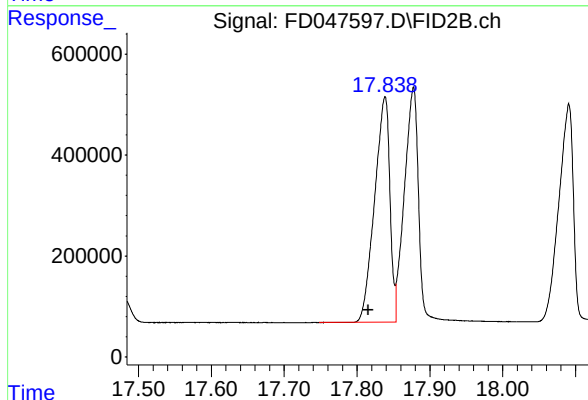
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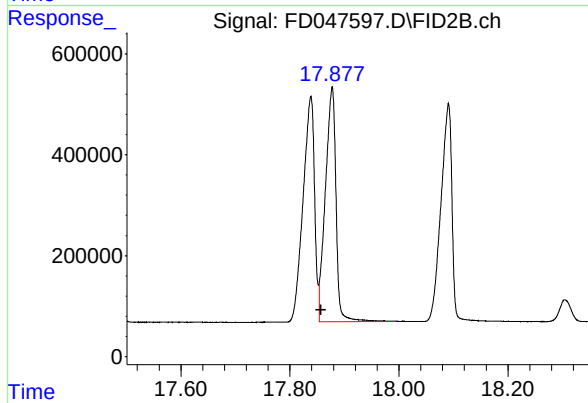
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.016 min
Response: 6454275
Conc: 47.01 ug/ml



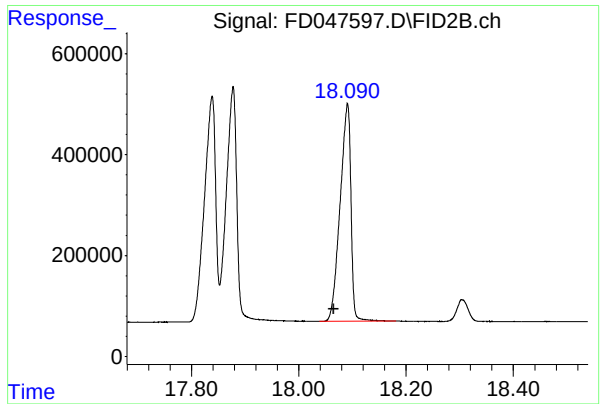
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: 0.022 min
Response: 6522913
Conc: 48.36 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.020 min
Response: 6304010
Conc: 46.91 ug/ml



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

R.T.: 18.090 min
Delta R.T.: 0.025 min
Response: 6052889
Conc: 43.61 ug/ml

Instrument :

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