

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047330.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 04:27
 Operator : YP/AJ
 Sample : P1538-15MS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e

Quant Time: Feb 27 05:29:35 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M

Quant Title : GC Extractables

QLast Update : Thu Feb 08 13:43:49 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...	7.465	7529134	49.455 ug/mlm
Spiked Amount 50.000		Recovery =	98.91%
6) S 2-Fluorobiphenyl (SURR)	8.317	4726930	46.765 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.53%
11) S ortho-Terphenyl (SURR)	11.354	6404353	36.312 ug/ml
Spiked Amount 50.000		Recovery =	72.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	6251793	39.657 ug/ml
2) T Naphthalene (C11.7)	5.804	7409102	44.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	7747450	45.940 ug/ml
5) T Acenaphthylene (C15.06)	8.121	8067739	52.417 ug/ml
7) T Acenaphthene (C15.5)	8.417	7926344	48.088 ug/ml
8) T Flouorene (C16.55)	9.196	8145181	51.374 ug/ml
9) T Phenanthrene (C19.36)	10.584	8015114	51.592 ug/ml
10) T Anthracene (C19.43)	10.661	7890756	53.509 ug/ml
12) T Fluoranthene (C21.85)	12.389	8022301	51.813 ug/ml
13) T Pyrene (C20.8)	12.683	8053399	53.537 ug/ml
14) T Benzo[a]anthracene (C...	14.549	7419630	55.196 ug/ml
15) T Chrysene (C27.41)	14.592	7357869	50.247 ug/ml
16) T benzo[b]fluoranthene ...	16.091	7089689	51.492 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	7014820	50.554 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	6760662	49.940 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.828	7149082	56.628 ug/ml
20) T Dibenz[a,h]anthracene...	17.868	6634617	49.794 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	6387319	48.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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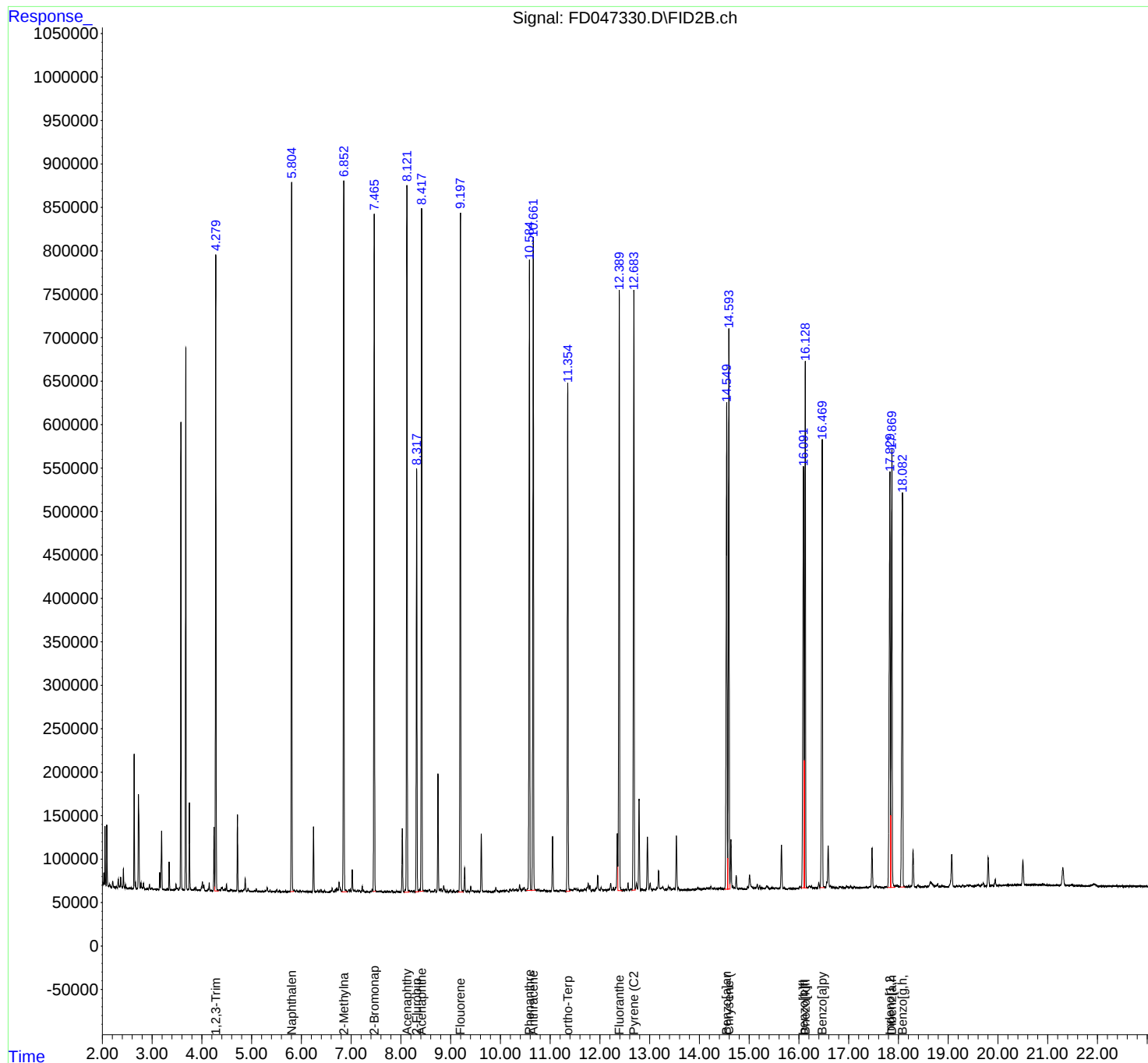
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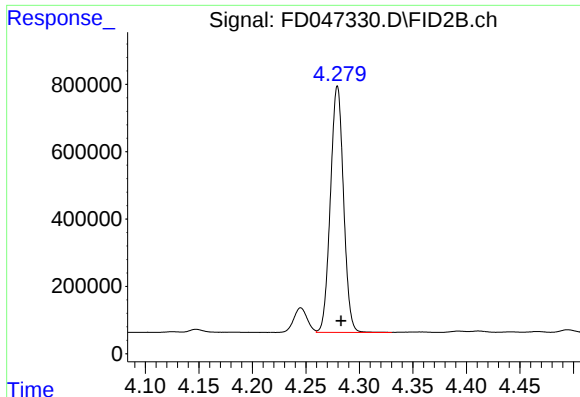
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.279 min
Delta R.T.: -0.004 min
Response: 6251793
Conc: 39.66 ug/ml

Instrument :

FID_D

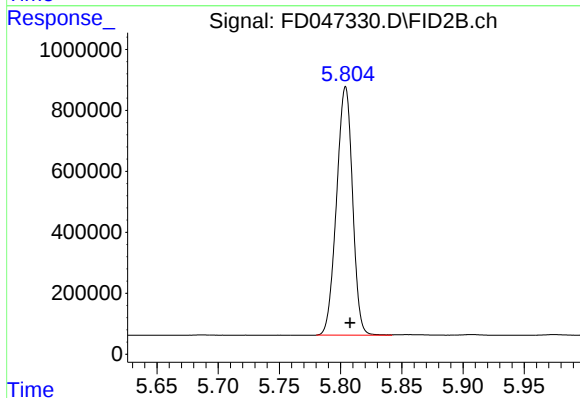
ClientSampleId :

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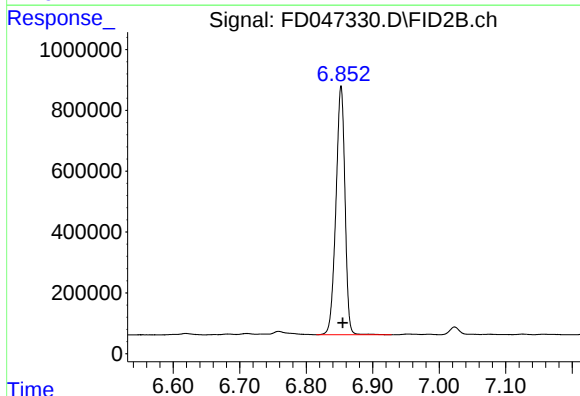
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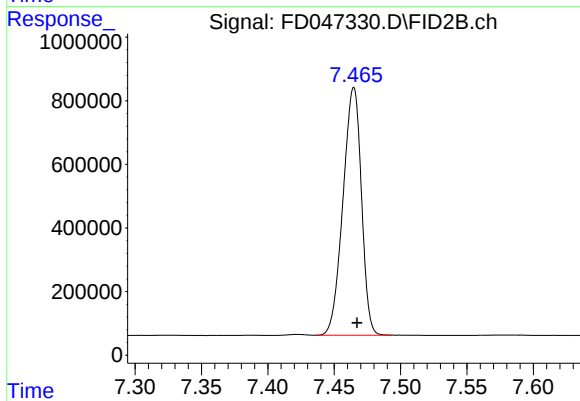
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 7409102
Conc: 44.58 ug/ml



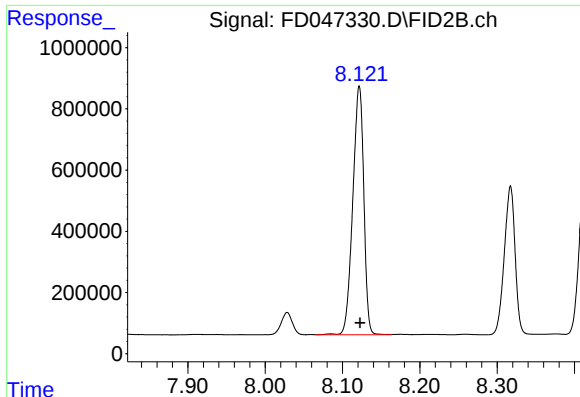
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 7747450
Conc: 45.94 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.465 min
Delta R.T.: -0.003 min
Response: 7529134
Conc: 49.46 ug/ml m



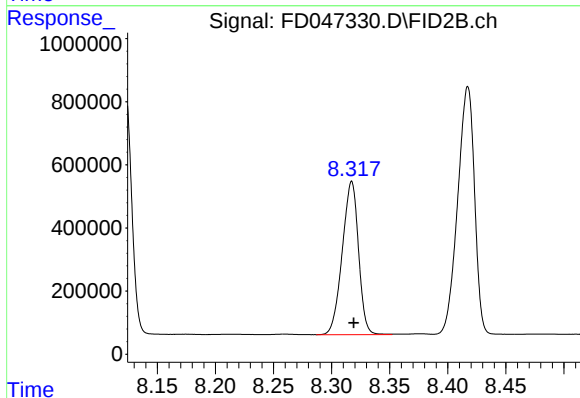
#5 Acenaphthylene (C15.06)

R.T.: 8.121 min
Delta R.T.: -0.001 min
Response: 8067739
Conc: 52.42 ug/ml

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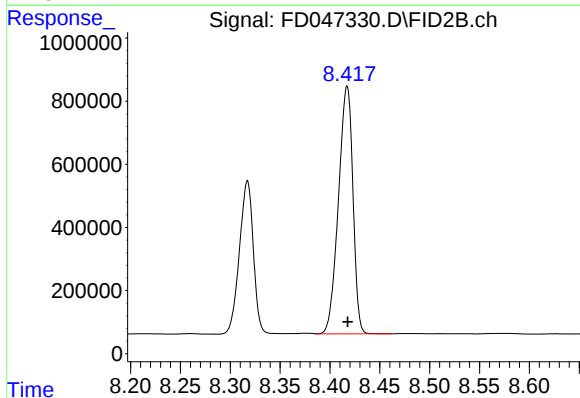
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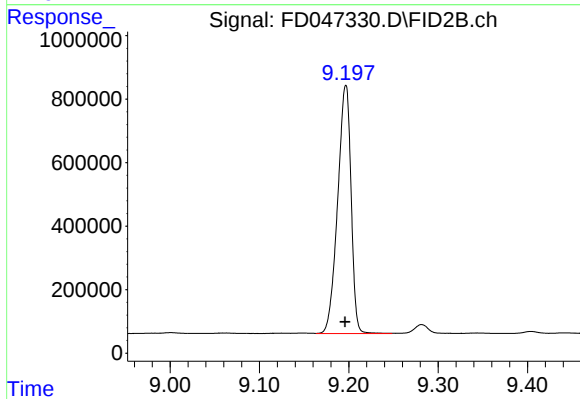
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 4726930
Conc: 46.76 ug/ml



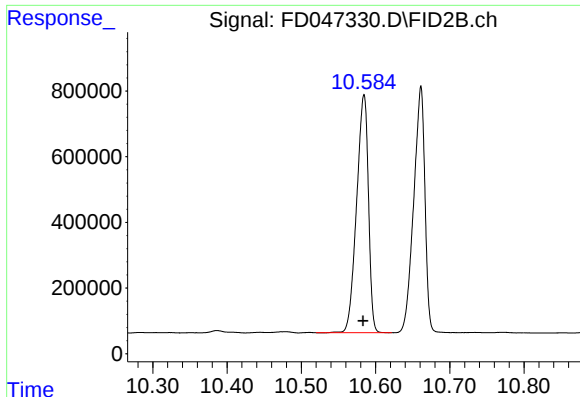
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 7926344
Conc: 48.09 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.196 min
Delta R.T.: 0.000 min
Response: 8145181
Conc: 51.37 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.000 min
Response: 8015114
Conc: 51.59 ug/ml

Instrument :

FID_D

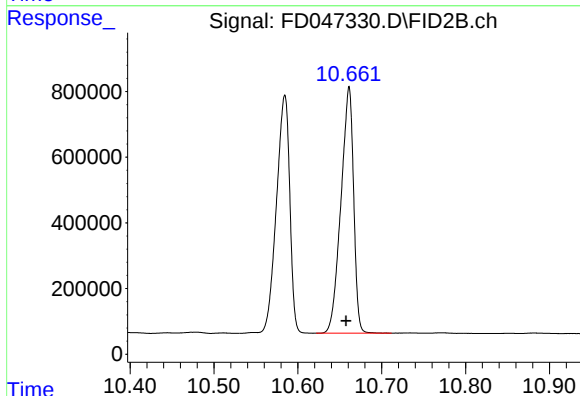
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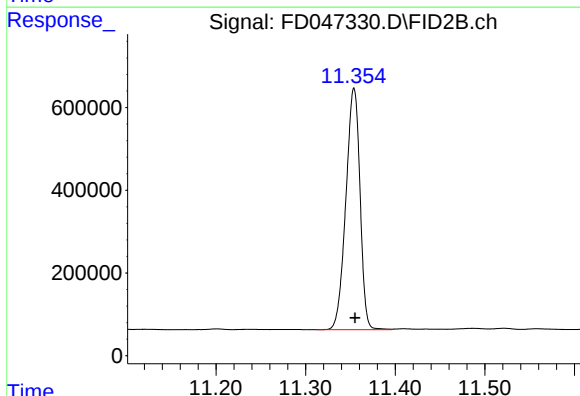
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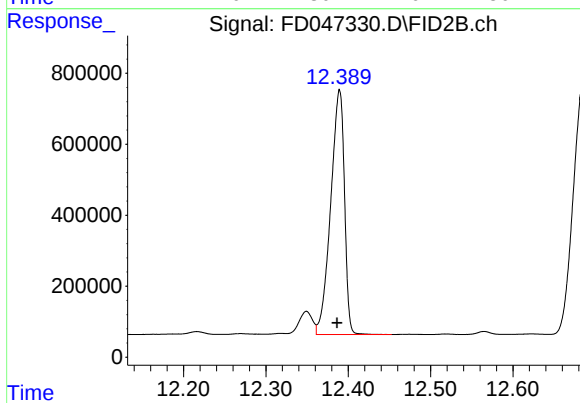
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.003 min
Response: 7890756
Conc: 53.51 ug/ml



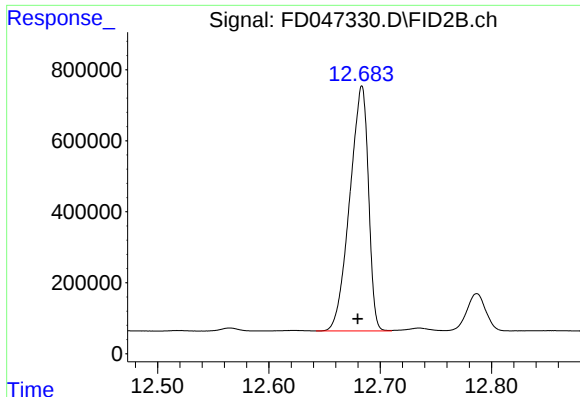
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 6404353
Conc: 36.31 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.003 min
Response: 8022301
Conc: 51.81 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 8053399
Conc: 53.54 ug/ml

Instrument :

FID_D

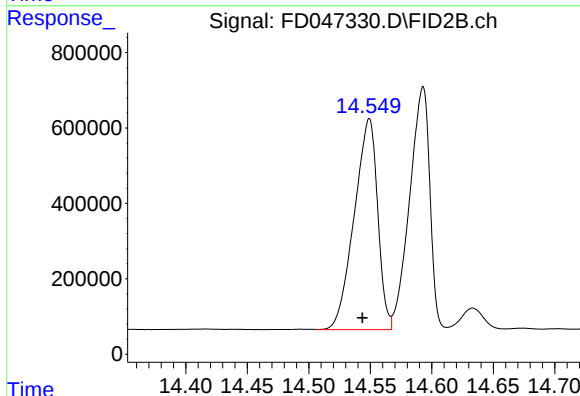
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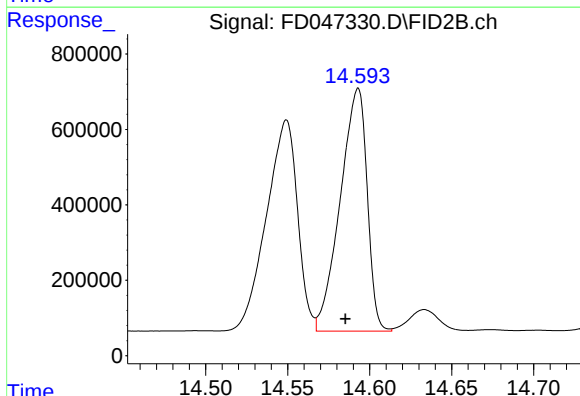
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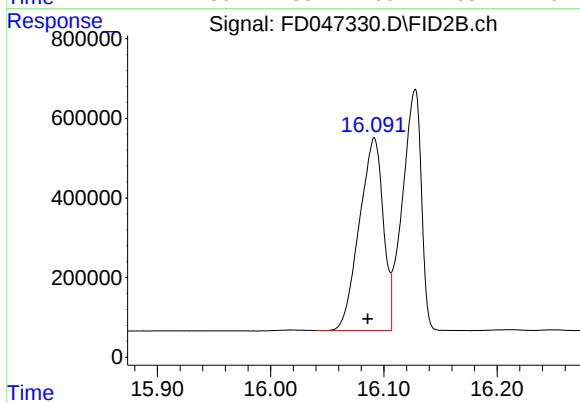
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.005 min
Response: 7419630
Conc: 55.20 ug/ml



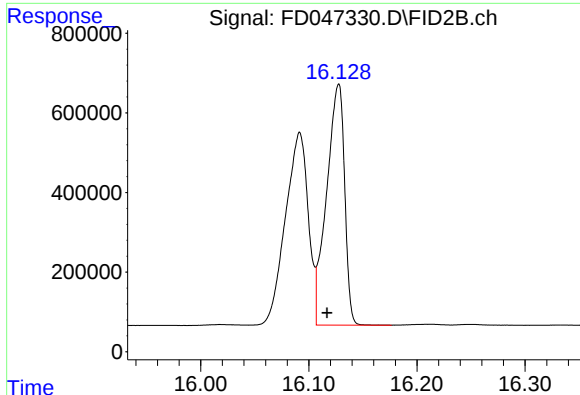
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.007 min
Response: 7357869
Conc: 50.25 ug/ml



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

R.T.: 16.091 min
Delta R.T.: 0.006 min
Response: 7089689
Conc: 51.49 ug/ml



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

R.T.: 16.127 min
Delta R.T.: 0.010 min
Response: 7014820
Conc: 50.55 ug/ml

Instrument :

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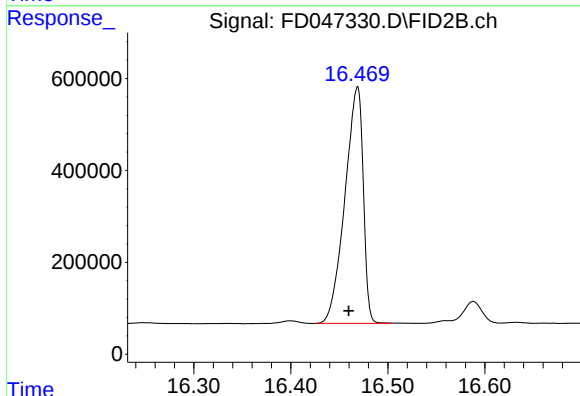
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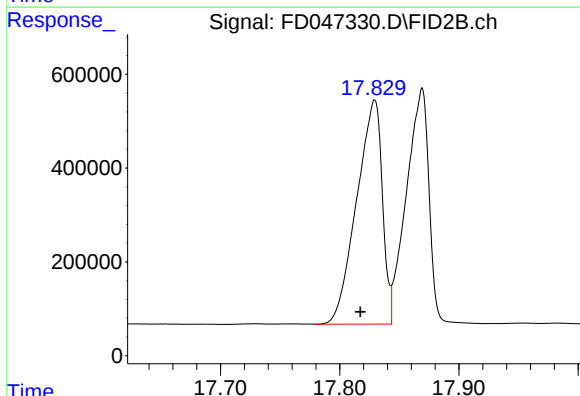
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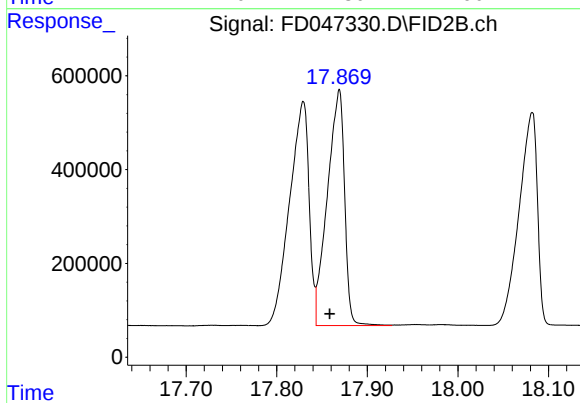
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.009 min
Response: 6760662
Conc: 49.94 ug/ml m



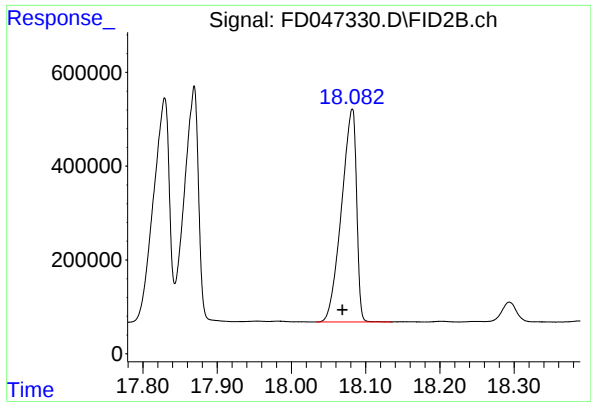
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.011 min
Response: 7149082
Conc: 56.63 ug/ml



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

R.T.: 17.868 min
Delta R.T.: 0.009 min
Response: 6634617
Conc: 49.79 ug/ml



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

R.T.: 18.081 min
Delta R.T.: 0.012 min
Response: 6387319
Conc: 48.17 ug/ml

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