

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102324AR\
 Data File : FG014497.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 01:31
 Operator : YP\AJ
 Sample : P4368-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 03:45:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 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...	8.034	8376557	66.727 ug/ml
Spiked Amount 50.000		Recovery =	133.45%
6) S 2-Fluorobiphenyl (SURR)	8.909	5216940	60.567 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	121.13%
11) S ortho-Terphenyl (SURR)	11.981	7998949	54.026 ug/ml
Spiked Amount 50.000		Recovery =	108.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.635	316027	2.333 ug/ml
2) T Naphthalene (C11.7)	6.304	372403	2.595 ug/mlm
3) T 2-Methylnaphthalene (...)	7.402	393287	2.693 ug/ml
5) T Acenaphthylene (C15.06)	8.705	378758	2.601 ug/ml
7) T Acenaphthene (C15.5)	9.005	372370	2.573 ug/ml
8) T Flouorene (C16.55)	9.794	391237	2.701 ug/ml
9) T Phenanthrene (C19.36)	11.201	389215	2.644 ug/ml
10) T Anthracene (C19.43)	11.275	391034	2.789 ug/ml
12) T Fluoranthene (C21.85)	13.023	407360	2.754 ug/ml
13) T Pyrene (C20.8)	13.322	406291	2.764 ug/ml
14) T Benzo[a]anthracene (C...	15.200	406114	2.804 ug/ml
15) T Chrysene (C27.41)	15.241	418403	2.852 ug/mlm
16) T benzo[b]fluoranthene ...	16.754	392414	2.668 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.785	411490	2.982 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.135	380442	2.668 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.502	386382	2.895 ug/ml
20) T Dibenz[a,h]anthracene...	18.544	471739	3.380 ug/ml
21) T Benzo[g,h,i]perylene ...	18.755	347819	2.500 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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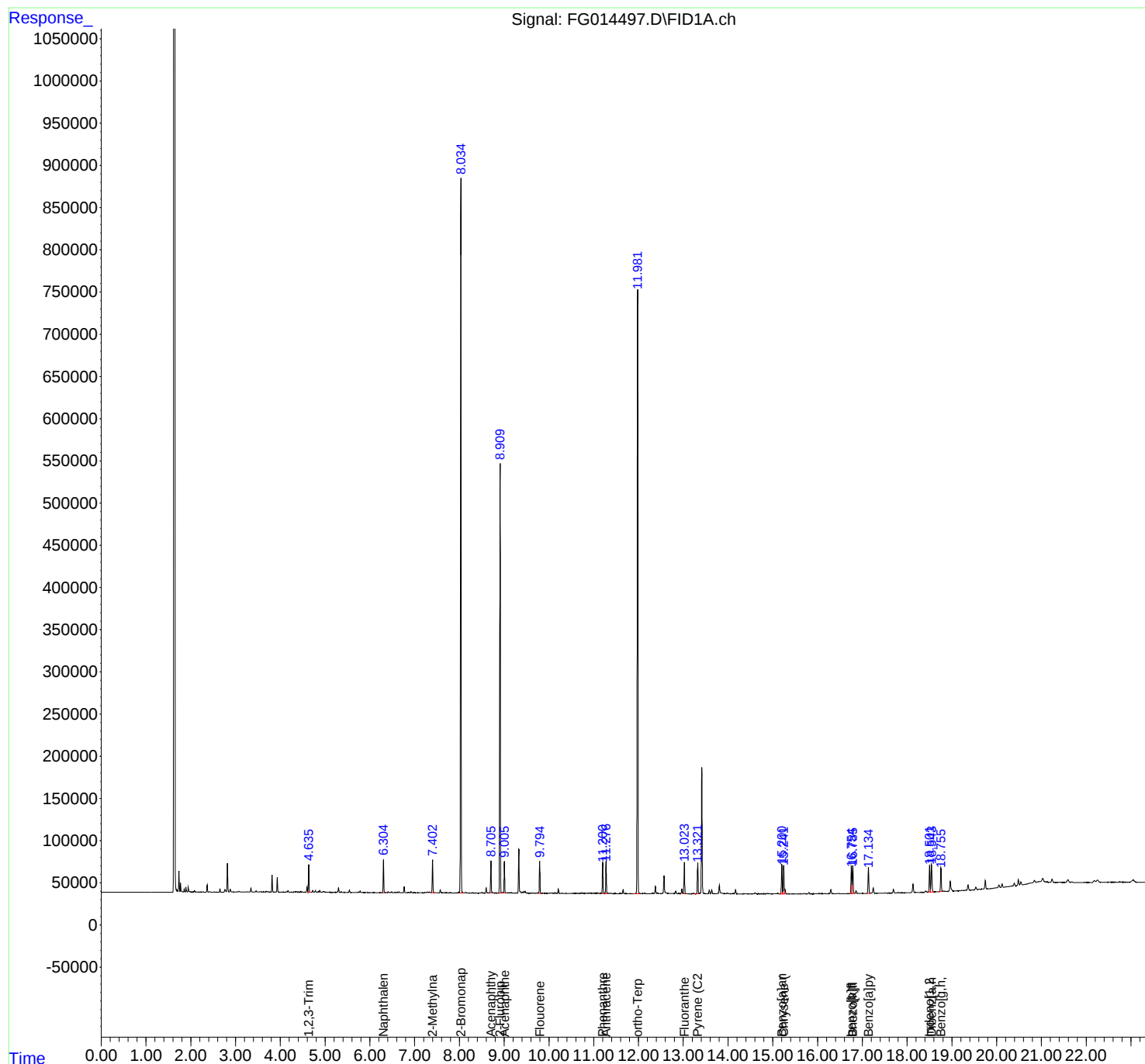
Instrument :
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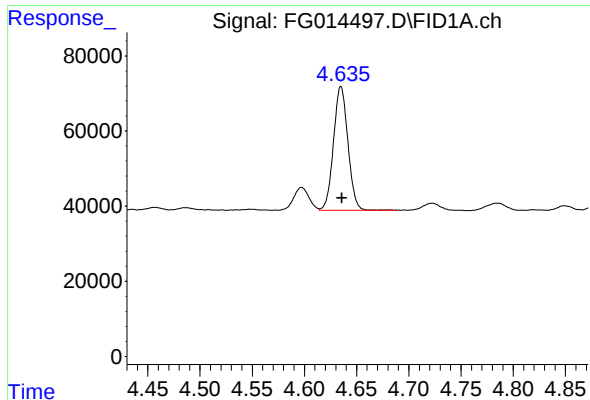
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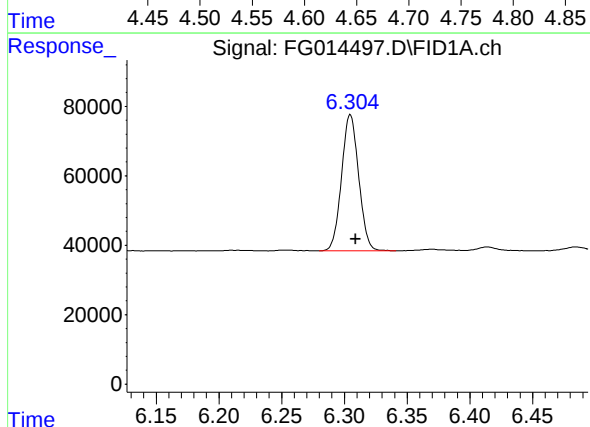
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 316027
Conc: 2.33 ug/ml

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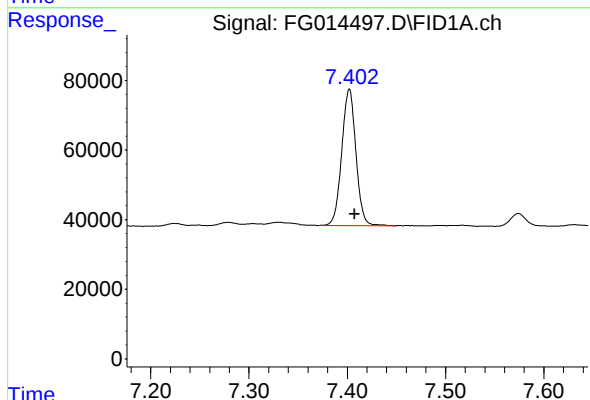
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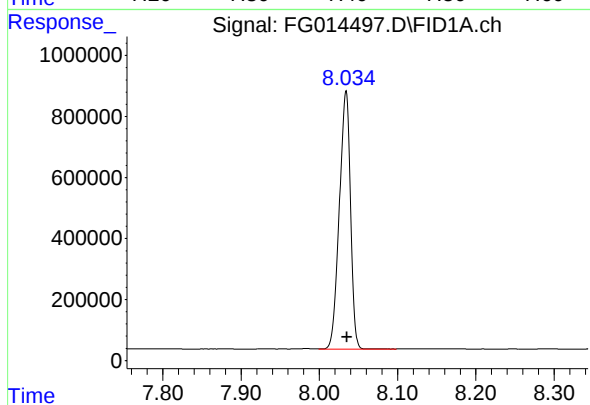
#2 Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.005 min
Response: 372403
Conc: 2.60 ug/ml m



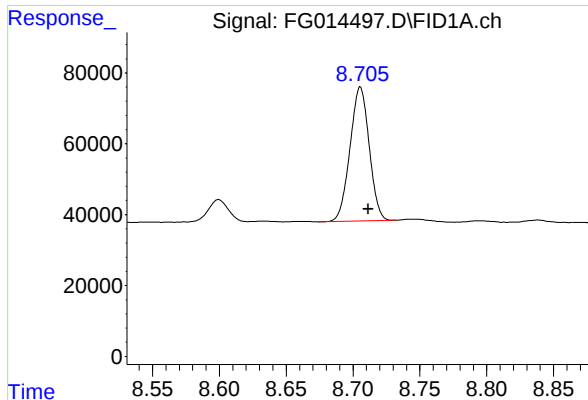
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.006 min
Response: 393287
Conc: 2.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 8376557
Conc: 66.73 ug/ml



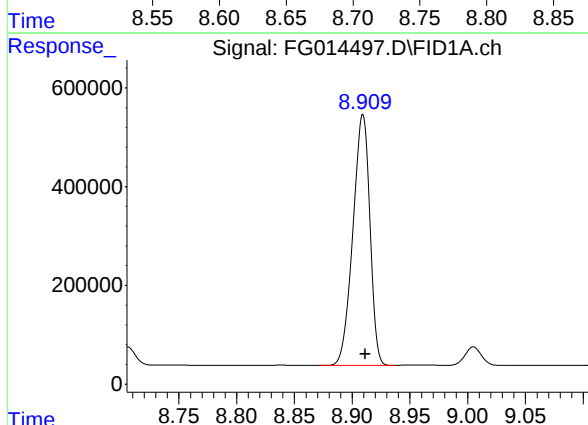
#5 Acenaphthylene (C15.06)

R.T.: 8.705 min
Delta R.T.: -0.006 min
Response: 378758
Conc: 2.60 ug/ml

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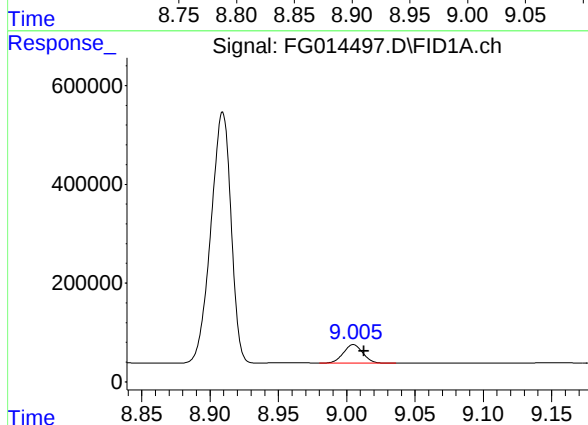
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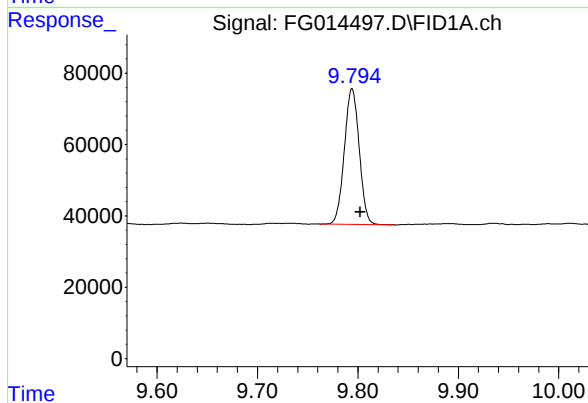
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.909 min
Delta R.T.: -0.002 min
Response: 5216940
Conc: 60.57 ug/ml



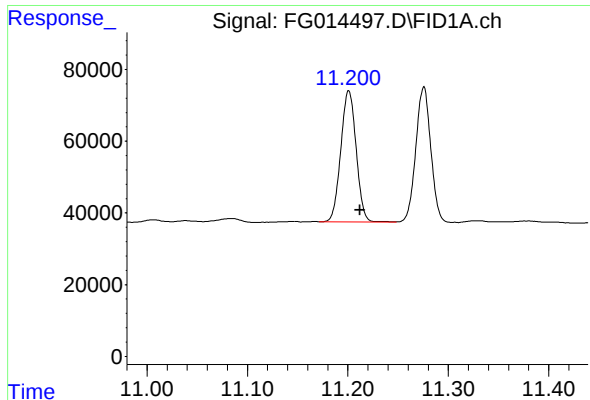
#7 Acenaphthene (C15.5)

R.T.: 9.005 min
Delta R.T.: -0.008 min
Response: 372370
Conc: 2.57 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.794 min
Delta R.T.: -0.008 min
Response: 391237
Conc: 2.70 ug/ml



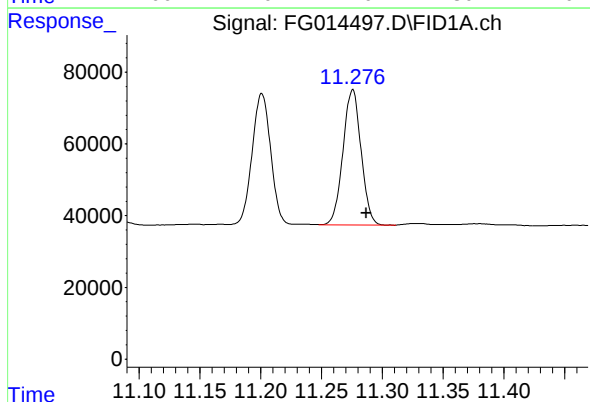
#9 Phenanthrene (C19.36)

R.T.: 11.201 min
Delta R.T.: -0.011 min
Response: 389215
Conc: 2.64 ug/ml

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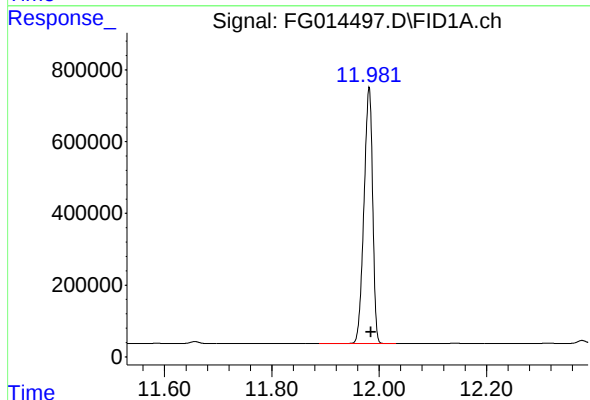
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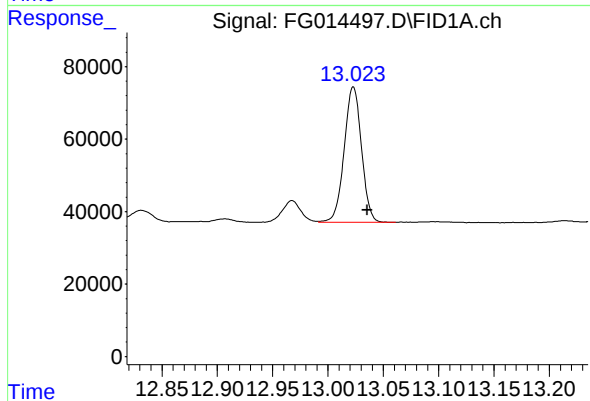
#10 Anthracene (C19.43)

R.T.: 11.275 min
Delta R.T.: -0.012 min
Response: 391034
Conc: 2.79 ug/ml



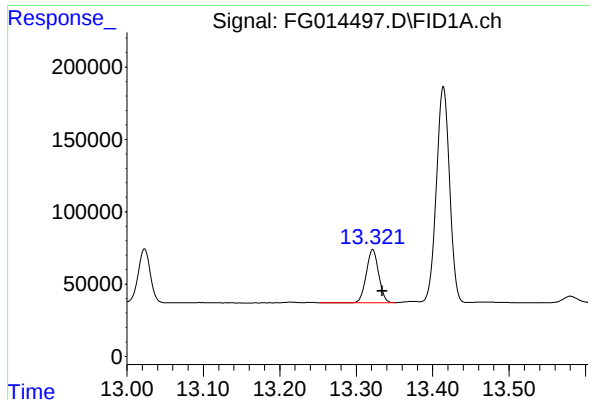
#11 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: -0.004 min
Response: 7998949
Conc: 54.03 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.023 min
Delta R.T.: -0.013 min
Response: 407360
Conc: 2.75 ug/ml



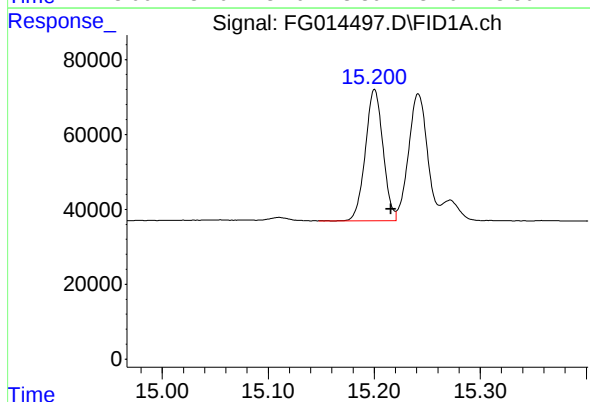
#13 Pyrene (C20.8)

R.T.: 13.322 min
Delta R.T.: -0.012 min
Response: 406291
Conc: 2.76 ug/ml

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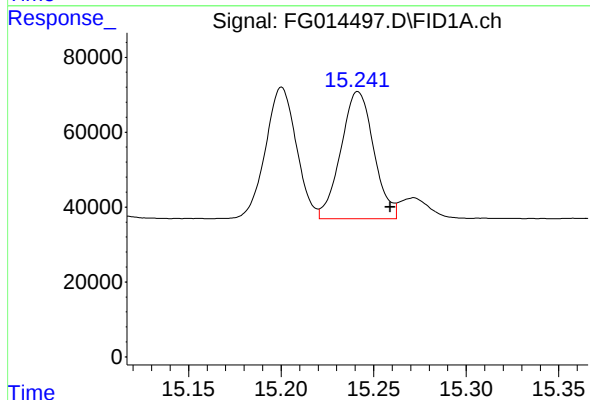
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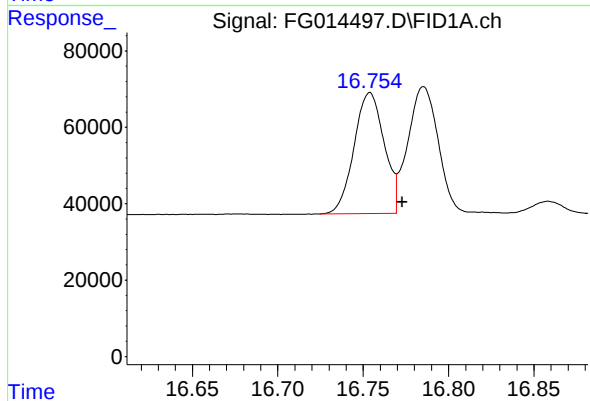
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.200 min
Delta R.T.: -0.016 min
Response: 406114
Conc: 2.80 ug/ml



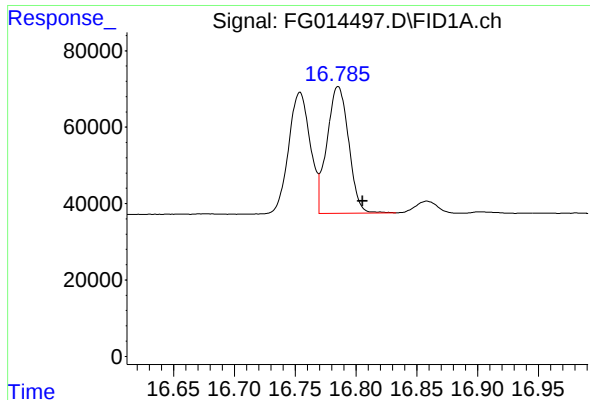
#15 Chrysene (C27.41)

R.T.: 15.241 min
Delta R.T.: -0.018 min
Response: 418403
Conc: 2.85 ug/ml m



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

R.T.: 16.754 min
Delta R.T.: -0.019 min
Response: 392414
Conc: 2.67 ug/ml m



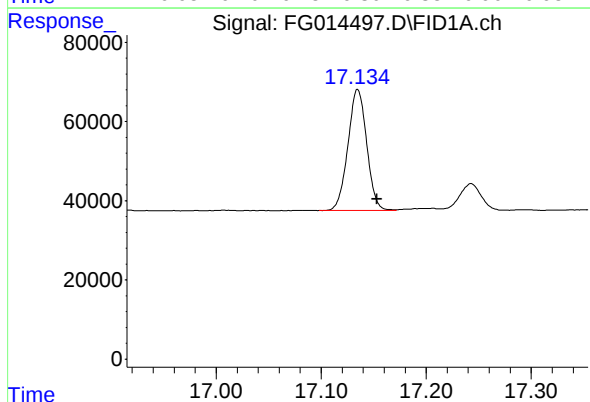
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.785 min
Delta R.T.: -0.020 min
Response: 411490
Conc: 2.98 ug/ml

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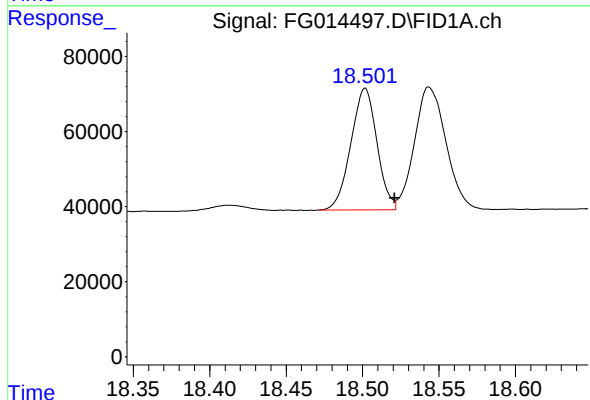
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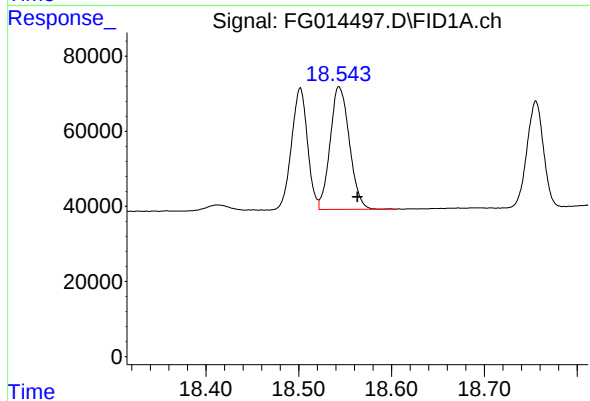
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.135 min
Delta R.T.: -0.018 min
Response: 380442
Conc: 2.67 ug/ml



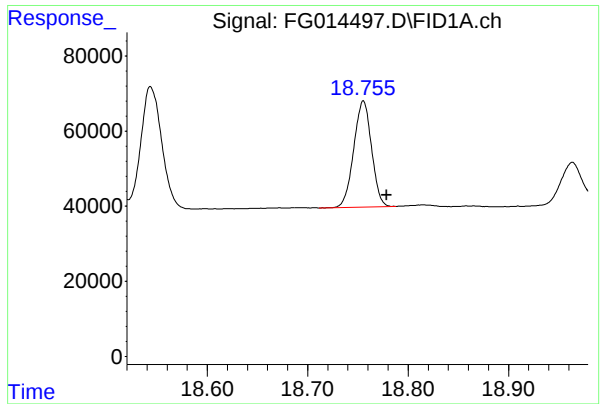
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.502 min
Delta R.T.: -0.019 min
Response: 386382
Conc: 2.89 ug/ml



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

R.T.: 18.544 min
Delta R.T.: -0.019 min
Response: 471739
Conc: 3.38 ug/ml



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

R.T.: 18.755 min
Delta R.T.: -0.023 min
Response: 347819
Conc: 2.50 ug/ml

Instrument :

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