

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102824AR\
 Data File : FF014813.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 16:30
 Operator : YP\AJ
 Sample : PB164396BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB164396BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e

Quant Time: Oct 29 01:34:44 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M

Quant Title : GC Extractables

QLast Update : Tue Oct 22 04:14:53 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...	7.995	6298670	45.169 ug/ml
Spiked Amount 50.000		Recovery =	90.34%
6) S 2-Fluorobiphenyl (SURR)	8.869	4224488	44.794 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.59%
11) S ortho-Terphenyl (SURR)	11.930	5845332	36.538 ug/ml
Spiked Amount 50.000		Recovery =	73.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	5072609	33.348 ug/ml
2) T Naphthalene (C11.7)	6.275	5814499	36.327 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	5760761	35.609 ug/ml
5) T Acenaphthylene (C15.06)	8.670	6250287	39.455 ug/ml
7) T Acenaphthene (C15.5)	8.970	6608404	41.650 ug/ml
8) T Fluorene (C16.55)	9.758	6905068	43.765 ug/ml
9) T Phenanthrene (C19.36)	11.164	7089221	45.033 ug/ml
10) T Anthracene (C19.43)	11.240	7147220	47.514 ug/ml
12) T Fluoranthene (C21.85)	12.984	7019003	44.539 ug/ml
13) T Pyrene (C20.8)	13.284	7349228	47.134 ug/ml
14) T Benzo[a]anthracene (C...	15.161	6616981	43.544 ug/ml
15) T Chrysene (C27.41)	15.206	7545172	48.823 ug/mlm
16) T benzo[b]fluoranthene ...	16.718	6464856	42.286 ug/ml
17) T Bnezo[k]fluoranthene ...	16.754	6428488	44.499 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.100	6138581	41.125 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.472	6729473	49.066 ug/ml
20) T Dibenz[a,h]anthracene...	18.510	6242371	42.969 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.730	6047115	42.328 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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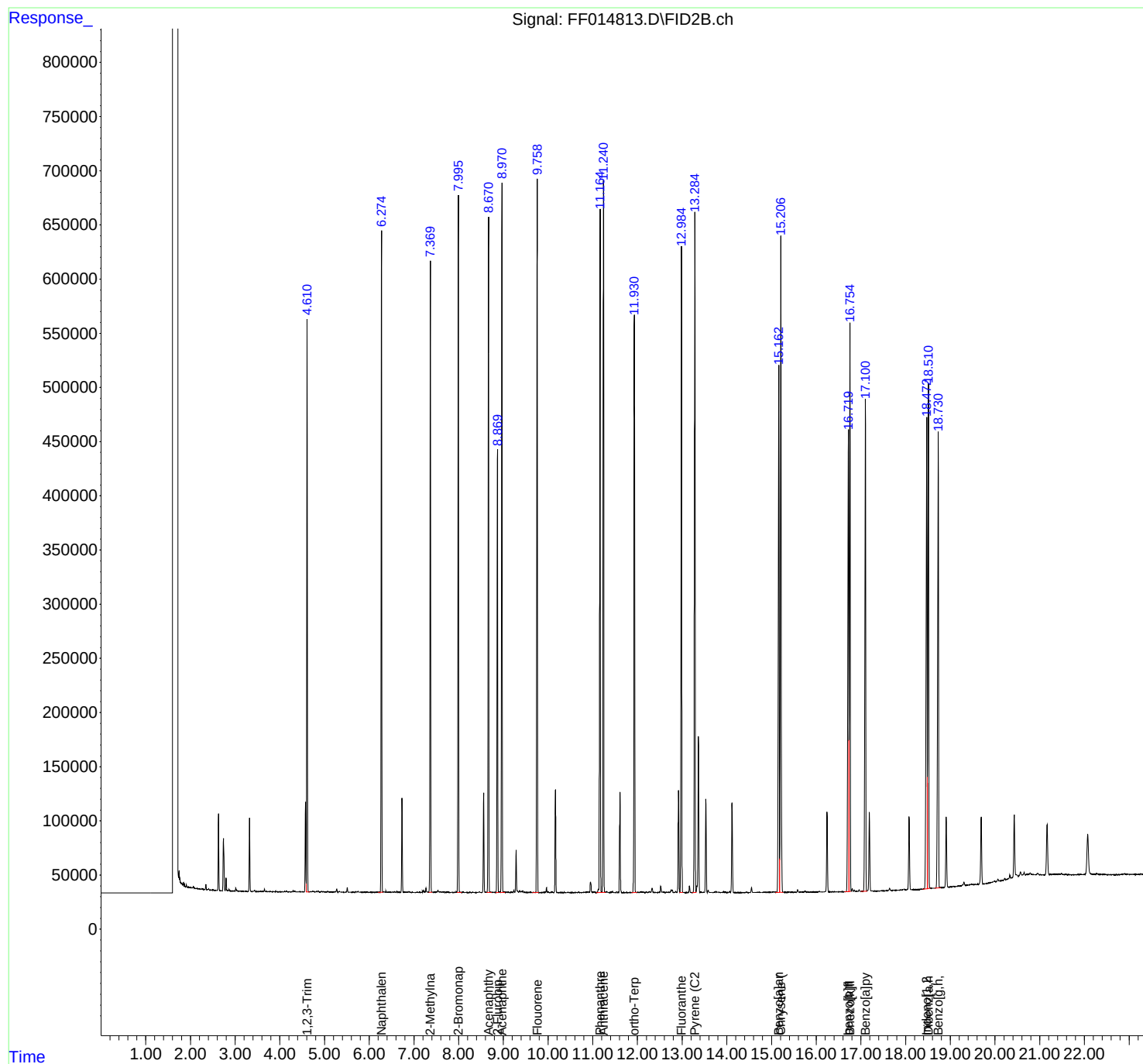
APPROVED

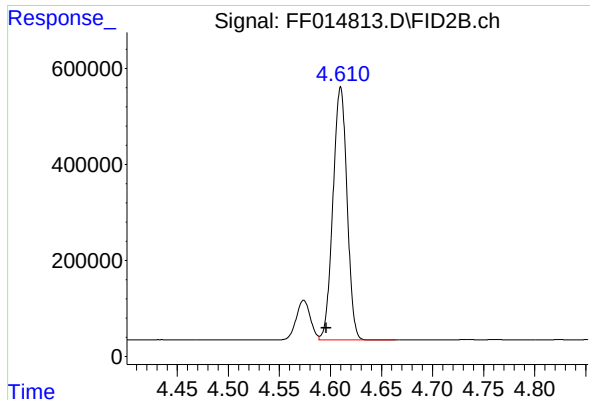
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Integration File: autoint1.e
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Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





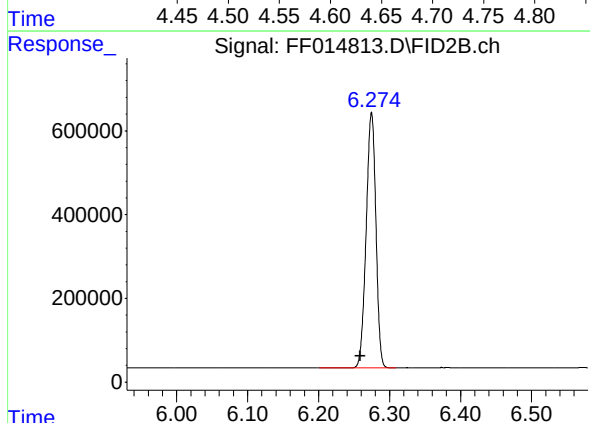
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.610 min
Delta R.T.: 0.014 min
Response: 5072609
Conc: 33.35 ug/ml

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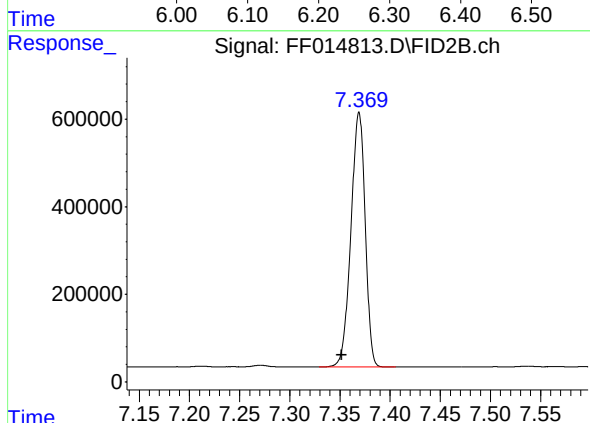
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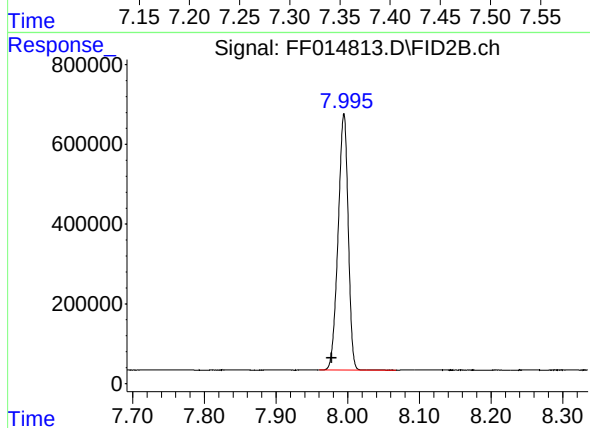
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.016 min
Response: 5814499
Conc: 36.33 ug/ml



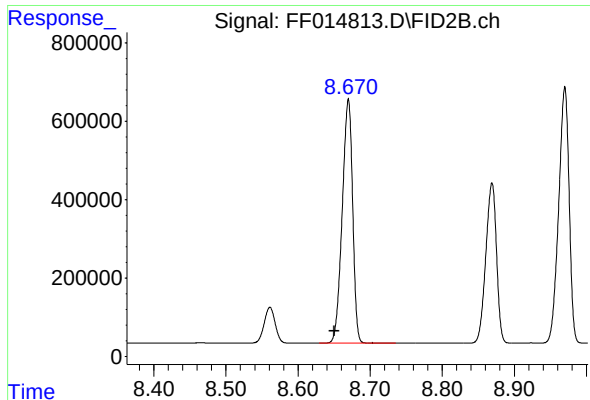
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.017 min
Response: 5760761
Conc: 35.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.995 min
Delta R.T.: 0.017 min
Response: 6298670
Conc: 45.17 ug/ml



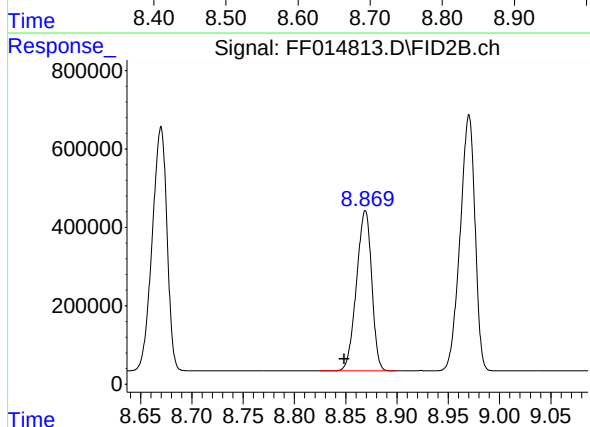
#5 Acenaphthylene (C15.06)

R.T.: 8.670 min
Delta R.T.: 0.019 min
Response: 6250287
Conc: 39.46 ug/ml

Instrument :
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PB164396BS

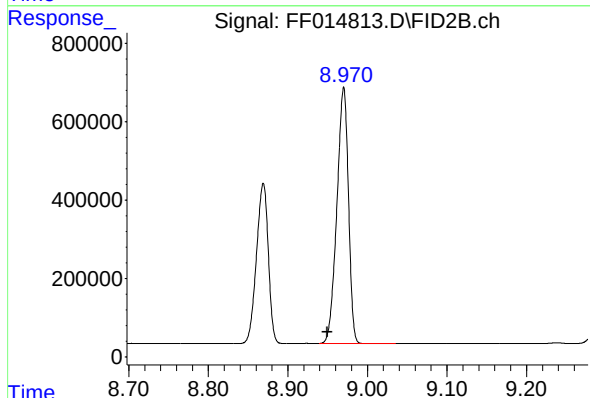
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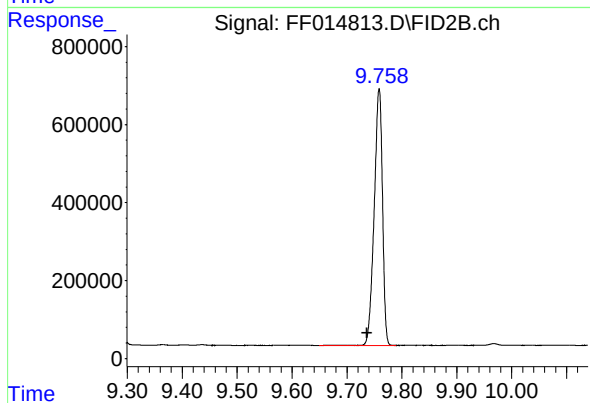
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.869 min
Delta R.T.: 0.020 min
Response: 4224488
Conc: 44.79 ug/ml



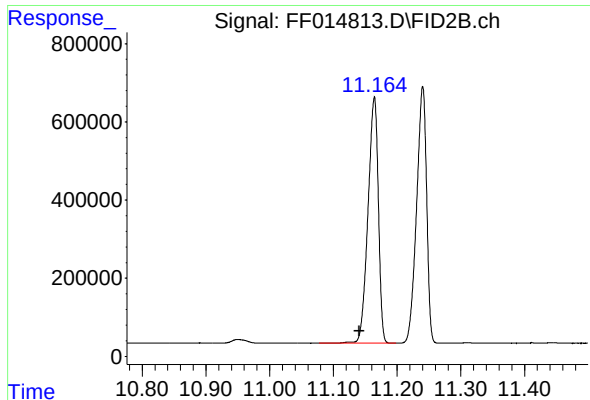
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.020 min
Response: 6608404
Conc: 41.65 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.758 min
Delta R.T.: 0.021 min
Response: 6905068
Conc: 43.76 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.164 min
Delta R.T.: 0.023 min
Response: 7089221
Conc: 45.03 ug/ml

Instrument :

FID_F

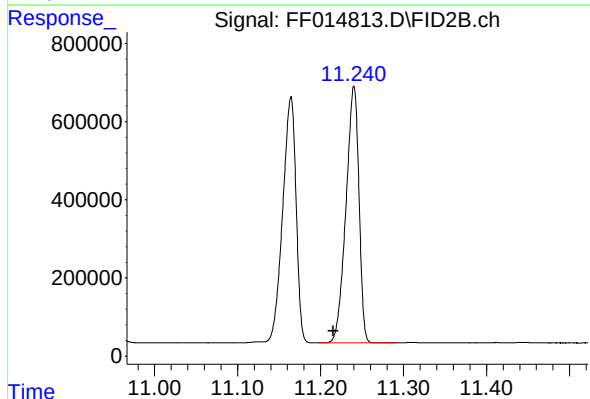
ClientSampleId :

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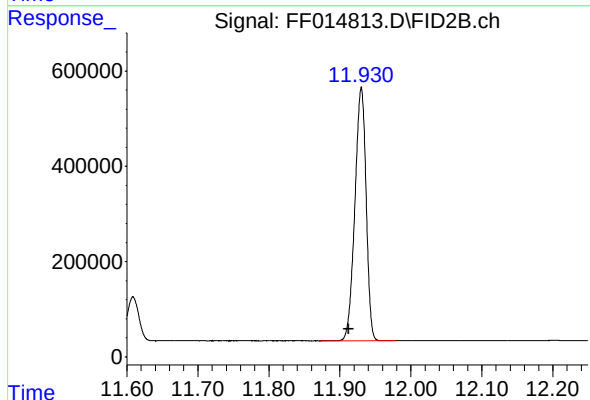
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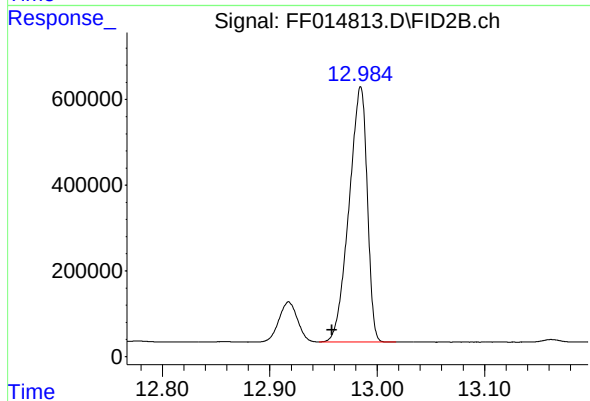
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.025 min
Response: 7147220
Conc: 47.51 ug/ml



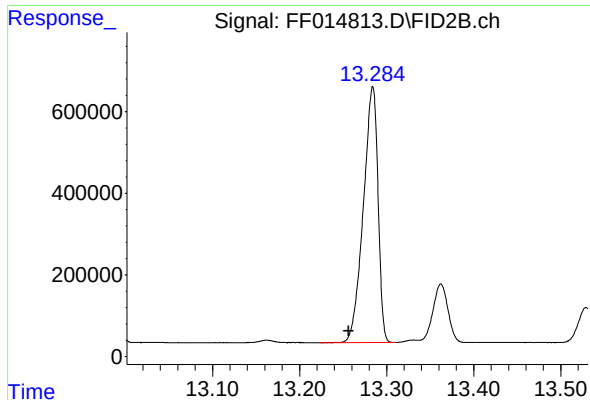
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.018 min
Response: 5845332
Conc: 36.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.984 min
Delta R.T.: 0.026 min
Response: 7019003
Conc: 44.54 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.284 min
Delta R.T.: 0.028 min
Response: 7349228
Conc: 47.13 ug/ml

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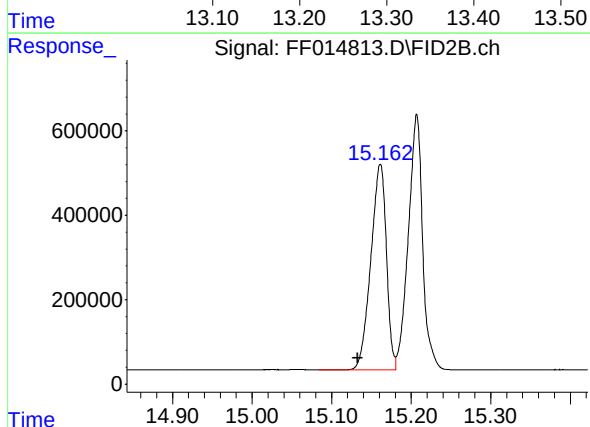
ClientSampleId :

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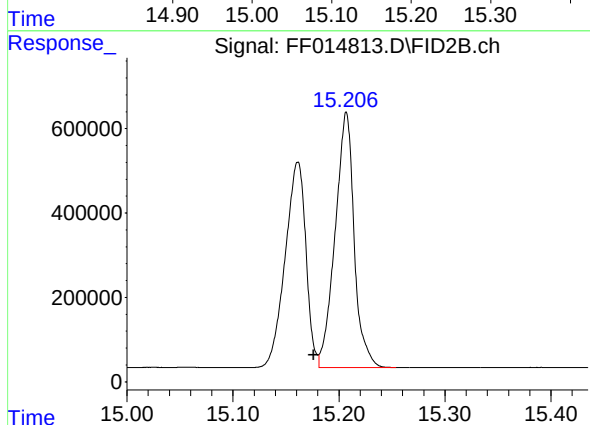
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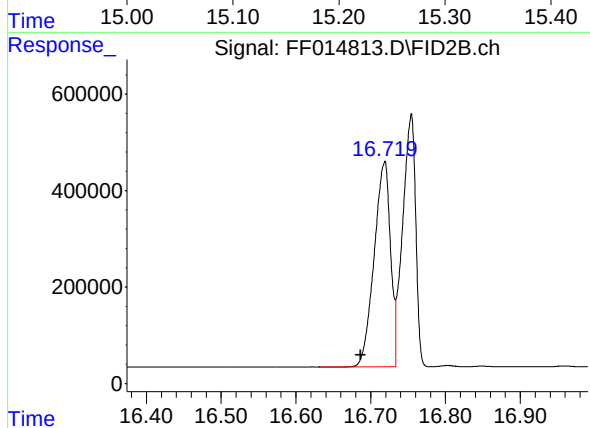
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.161 min
Delta R.T.: 0.028 min
Response: 6616981
Conc: 43.54 ug/ml



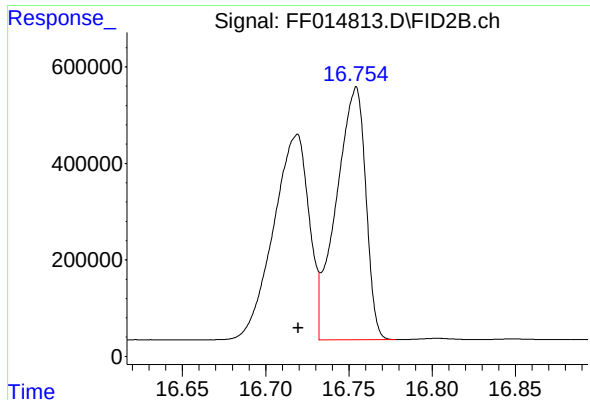
#15 Chrysene (C27.41)

R.T.: 15.206 min
Delta R.T.: 0.030 min
Response: 7545172
Conc: 48.82 ug/ml m



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

R.T.: 16.718 min
Delta R.T.: 0.031 min
Response: 6464856
Conc: 42.29 ug/ml



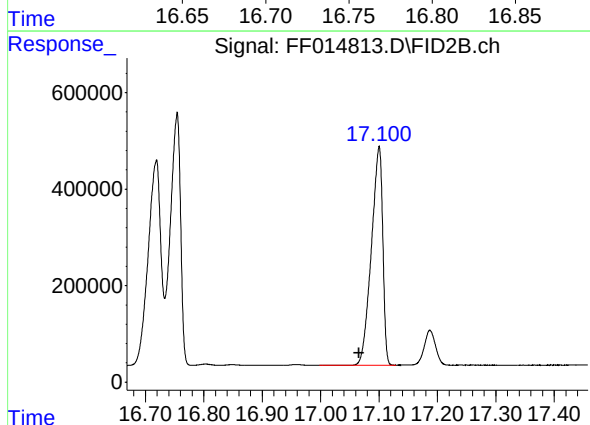
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.754 min
Delta R.T.: 0.035 min
Response: 6428488
Conc: 44.50 ug/ml

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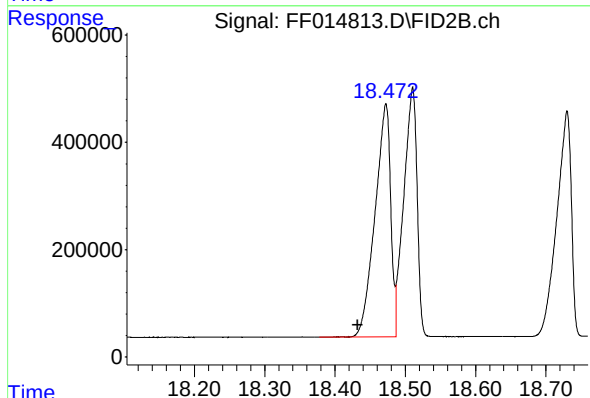
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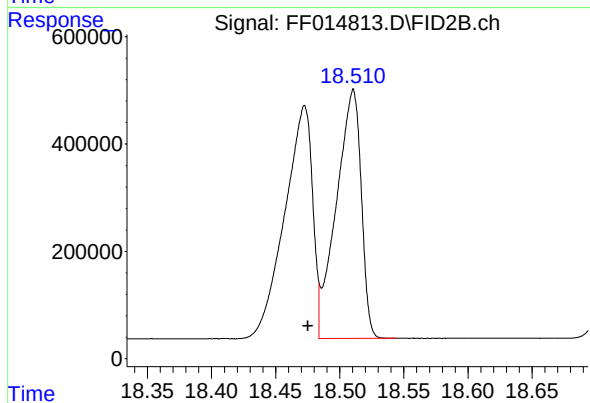
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.100 min
Delta R.T.: 0.033 min
Response: 6138581
Conc: 41.13 ug/ml



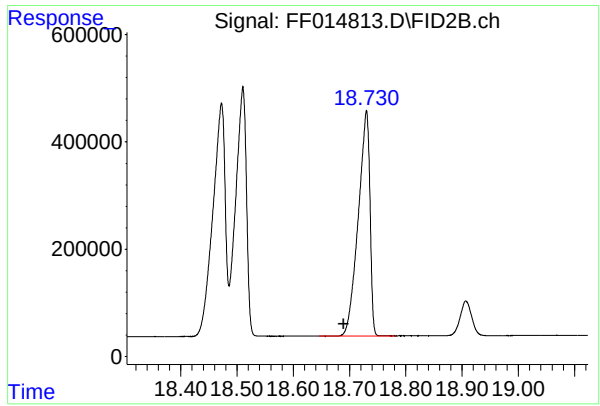
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.472 min
Delta R.T.: 0.039 min
Response: 6729473
Conc: 49.07 ug/ml



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

R.T.: 18.510 min
Delta R.T.: 0.035 min
Response: 6242371
Conc: 42.97 ug/ml m



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

R.T.: 18.730 min
Delta R.T.: 0.040 min
Response: 6047115
Conc: 42.33 ug/ml

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