

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015474.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2025 23:20
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: sample.E
 Quant Time: Feb 06 05:09:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:09:14 2025
 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...	8.002	11552495	100.000 ug/ml
Spiked Amount 50.000		Recovery =	200.00%
6) S 2-Fluorobiphenyl (SURR)	8.878	7670338	100.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	200.00%#
11) S ortho-Terphenyl (SURR)	11.942	12508445	100.000 ug/ml
Spiked Amount 50.000		Recovery =	200.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.611	13131795	100.000 ug/ml
2) T Naphthalene (C11.7)	6.280	13306304	100.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.377	12895401	100.000 ug/ml
5) T Acenaphthylene (C15.06)	8.679	12967828	100.000 ug/ml
7) T Acenaphthene (C15.5)	8.979	12702604	100.000 ug/ml
8) T Fluorene (C16.55)	9.769	12604912	100.000 ug/ml
9) T Phenanthrene (C19.36)	11.176	11900402	100.000 ug/ml
10) T Anthracene (C19.43)	11.253	11425870	100.000 ug/ml
12) T Fluoranthene (C21.85)	13.000	11699094	100.000 ug/ml
13) T Pyrene (C20.8)	13.300	11546859	100.000 ug/ml
14) T Benzo[a]anthracene (C...	15.183	10885753	100.000 ug/ml
15) T Chrysene (C27.41)	15.230	11008594	100.000 ug/ml
16) T benzo[b]fluoranthene ...	16.748	11230074	100.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.786	11091982	100.699 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.131	10776059	100.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	11468109	100.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.549	10892090	99.267 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.773	12064246	100.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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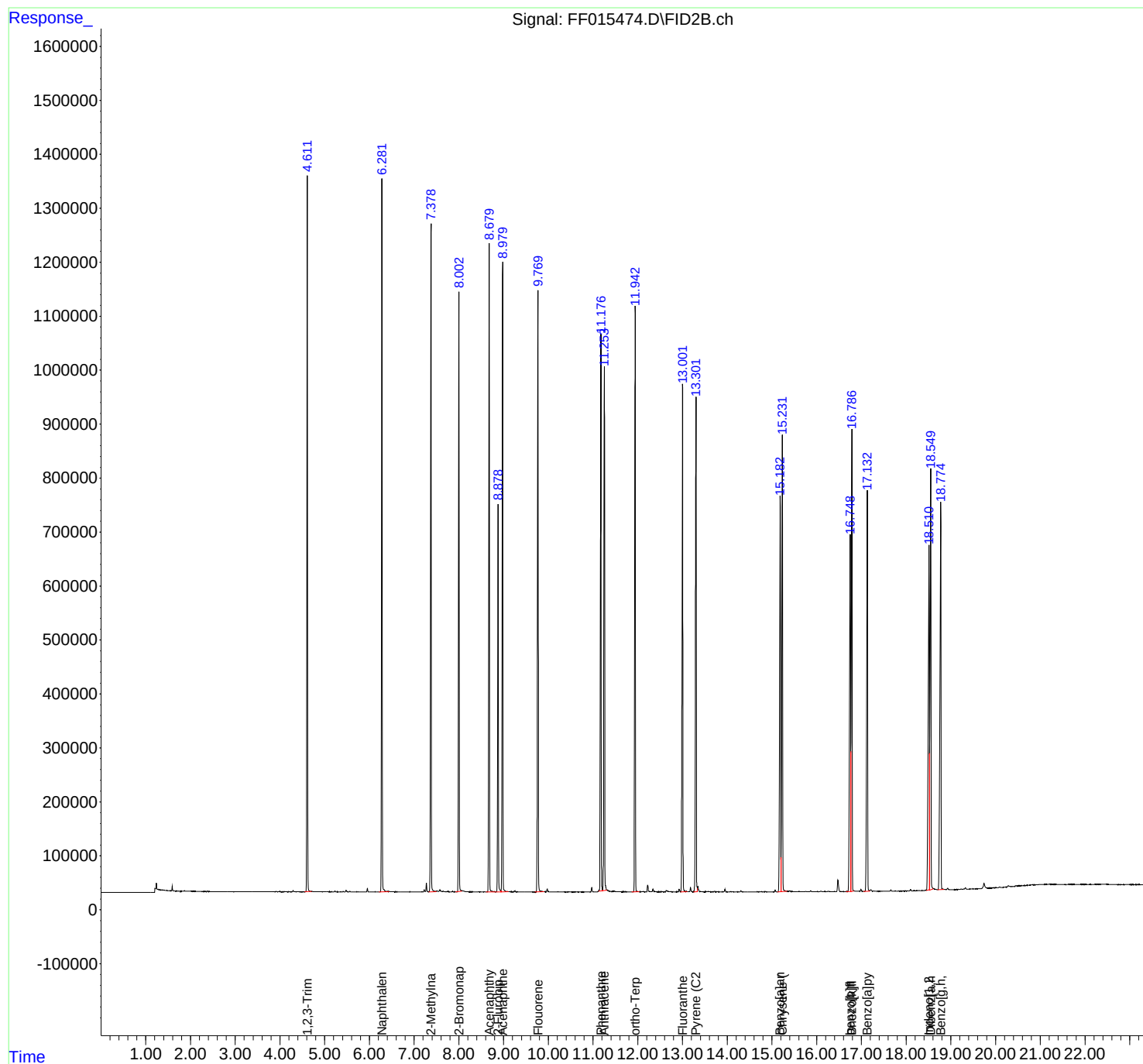
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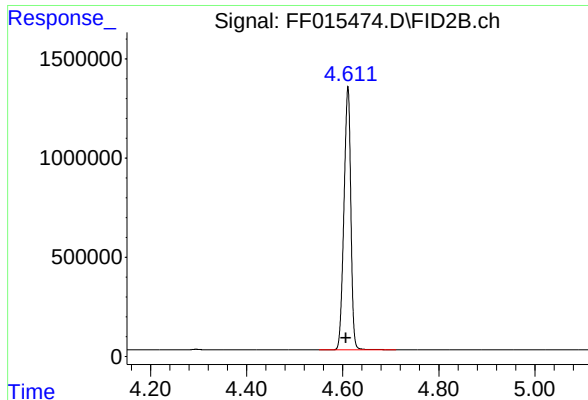
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.611 min
Delta R.T.: 0.004 min
Response: 13131795
Conc: 100.00 ug/ml

Instrument :

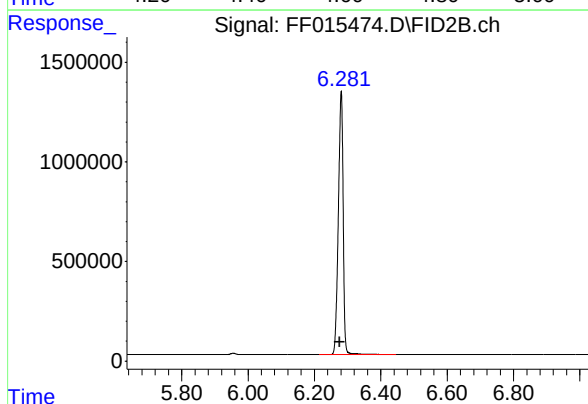
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

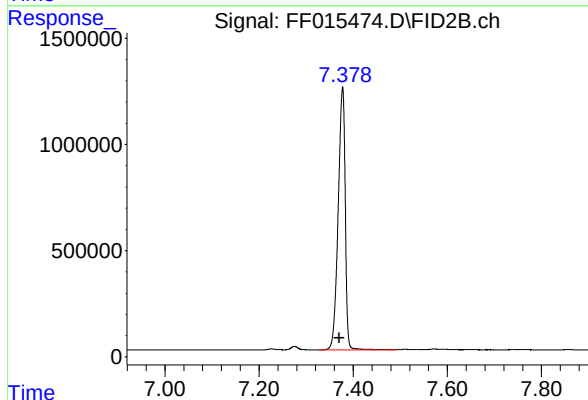
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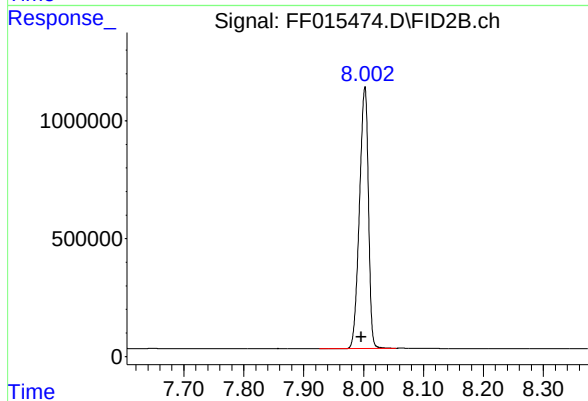
#2 Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.005 min
Response: 13306304
Conc: 100.00 ug/ml



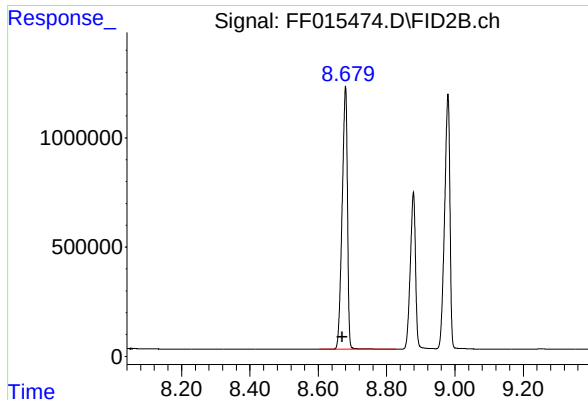
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: 0.007 min
Response: 12895401
Conc: 100.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.002 min
Delta R.T.: 0.005 min
Response: 11552495
Conc: 100.00 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.679 min
Delta R.T.: 0.008 min
Response: 12967828
Conc: 100.00 ug/ml

Instrument :

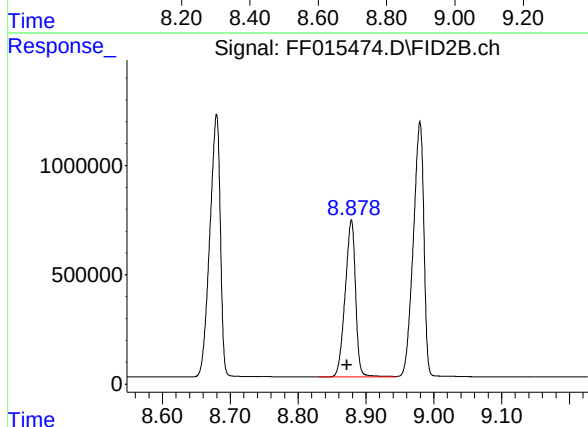
FID_F

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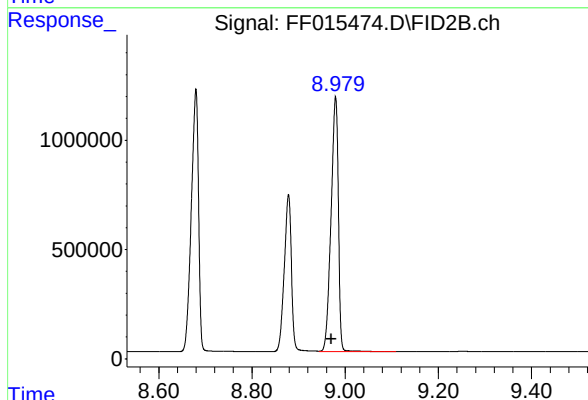
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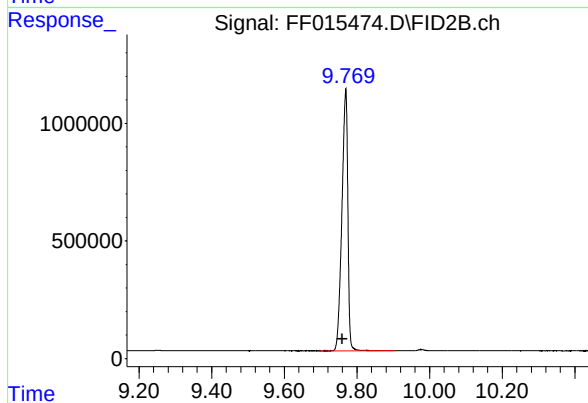
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.878 min
Delta R.T.: 0.006 min
Response: 7670338
Conc: 100.00 ug/ml



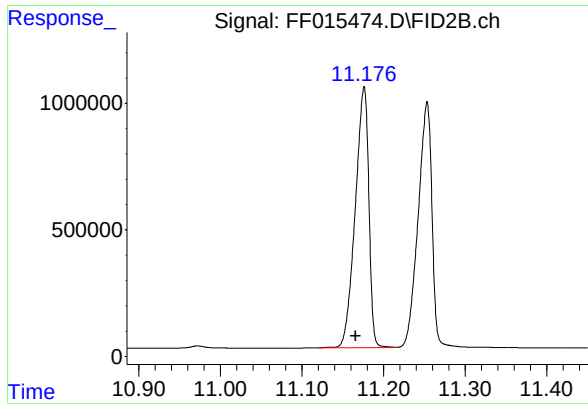
#7 Acenaphthene (C15.5)

R.T.: 8.979 min
Delta R.T.: 0.009 min
Response: 12702604
Conc: 100.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.769 min
Delta R.T.: 0.009 min
Response: 12604912
Conc: 100.00 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.176 min
Delta R.T.: 0.010 min
Response: 11900402
Conc: 100.00 ug/ml

Instrument :

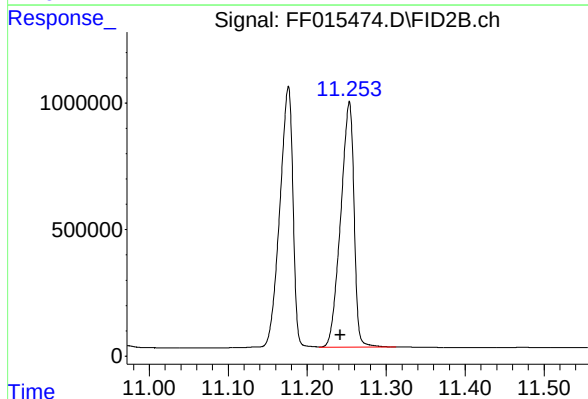
FID_F

ClientSampleId :

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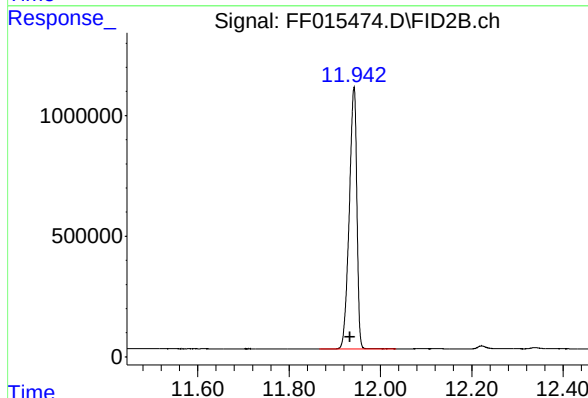
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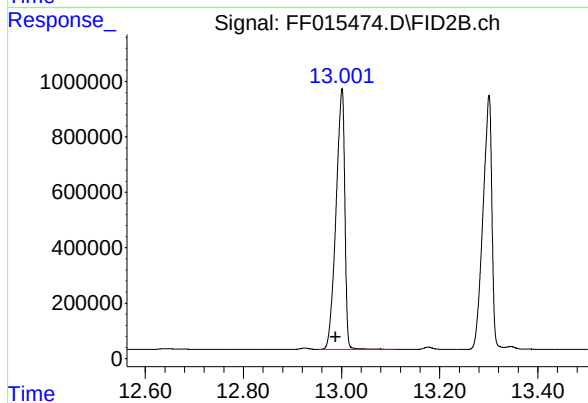
#10 Anthracene (C19.43)

R.T.: 11.253 min
Delta R.T.: 0.011 min
Response: 11425870
Conc: 100.00 ug/ml



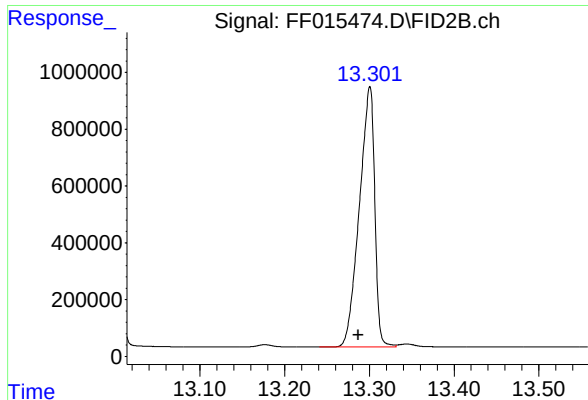
#11 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: 0.008 min
Response: 12508445
Conc: 100.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.000 min
Delta R.T.: 0.012 min
Response: 11699094
Conc: 100.00 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.300 min
Delta R.T.: 0.013 min
Response: 11546859
Conc: 100.00 ug/ml

Instrument :

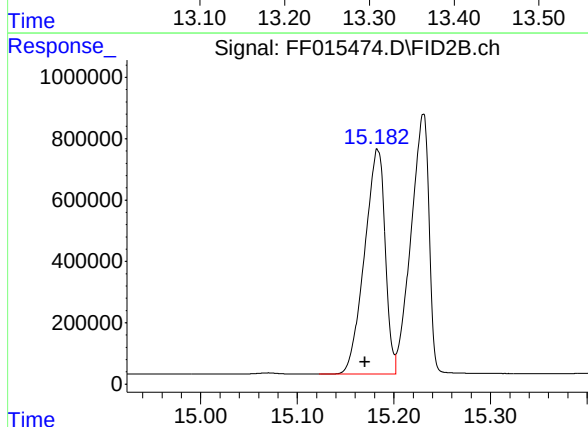
FID_F

ClientSampleId :

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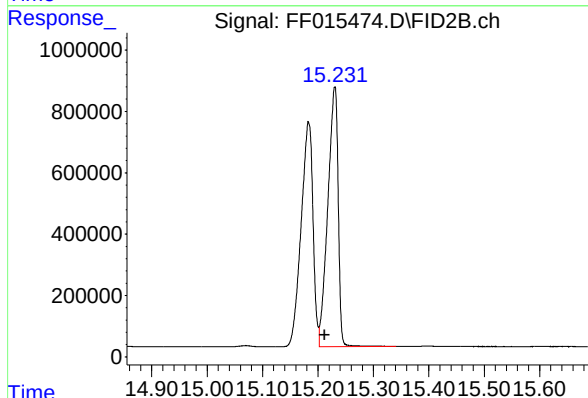
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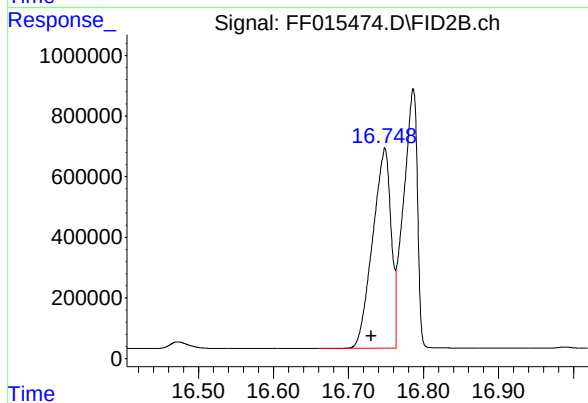
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.183 min
Delta R.T.: 0.013 min
Response: 10885753
Conc: 100.00 ug/ml



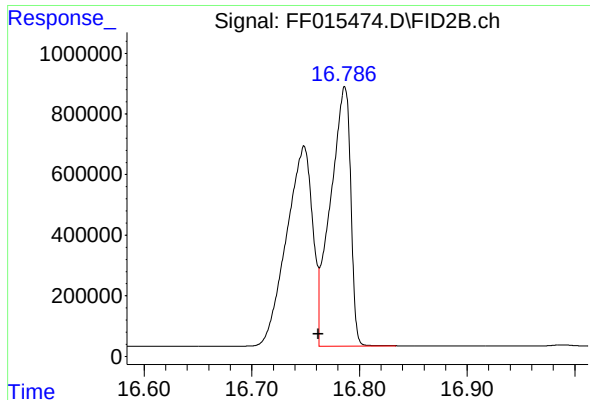
#15 Chrysene (C27.41)

R.T.: 15.230 min
Delta R.T.: 0.018 min
Response: 11008594
Conc: 100.00 ug/ml



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

R.T.: 16.748 min
Delta R.T.: 0.018 min
Response: 11230074
Conc: 100.00 ug/ml



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

R.T.: 16.786 min
Delta R.T.: 0.024 min
Response: 11091982
Conc: 100.70 ug/ml

Instrument :

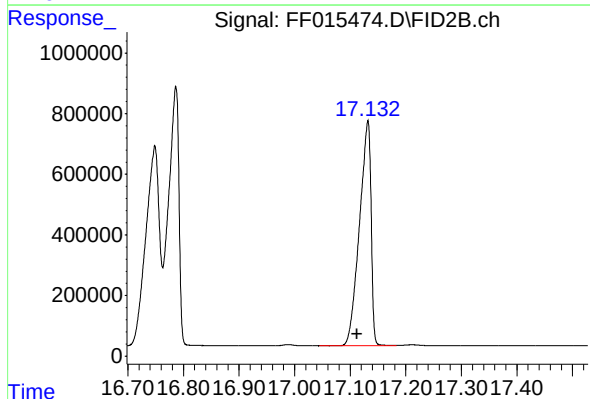
FID_F

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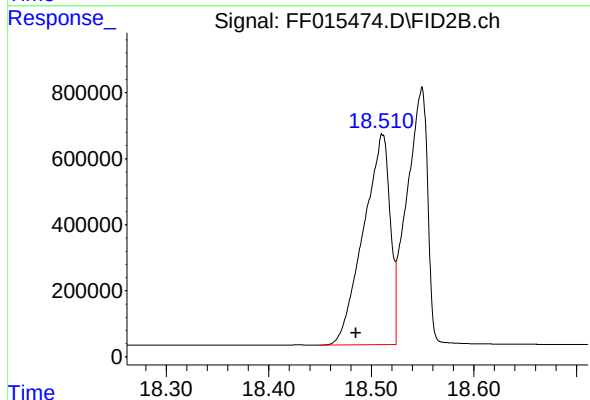
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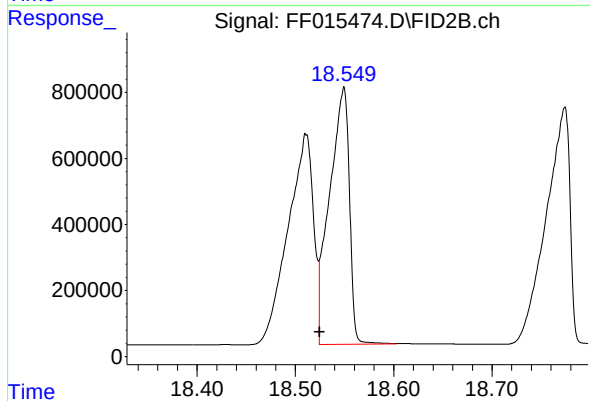
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.131 min
Delta R.T.: 0.019 min
Response: 10776059
Conc: 100.00 ug/ml



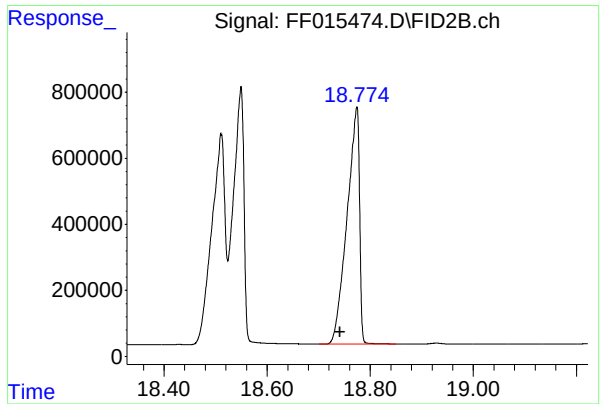
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: 0.026 min
Response: 11468109
Conc: 100.00 ug/ml



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

R.T.: 18.549 min
Delta R.T.: 0.025 min
Response: 10892090
Conc: 99.27 ug/ml m



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

R.T.: 18.773 min
Delta R.T.: 0.032 min
Response: 12064246
Conc: 100.00 ug/ml

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