

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032825AR\
 Data File : FG015579.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2025 19:25
 Operator : YP\AJ
 Sample : Q1664-03
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 P001-BBDGA-001-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e
 Quant Time: Mar 29 03:14:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.964	5075694	41.551 ug/ml
Spiked Amount 50.000		Recovery =	83.10%
6) S 2-Fluorobiphenyl (SURR)	8.841	2466895	29.845 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	59.69%
11) S ortho-Terphenyl (SURR)	11.914	3709832	25.440 ug/ml
Spiked Amount 50.000		Recovery =	50.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	2433237	18.311 ug/ml
2) T Naphthalene (C11.7)	6.232	3234228	23.938 ug/ml
3) T 2-Methylnaphthalene (...)	7.334	3208139	24.050 ug/ml
5) T Acenaphthylene (C15.06)	8.640	4178743	29.505 ug/ml
7) T Acenaphthene (C15.5)	8.940	4043140	29.635 ug/ml
8) T Flouorene (C16.55)	9.734	4773295	34.192 ug/ml
9) T Phenanthrene (C19.36)	11.146	5029604	35.701 ug/ml
10) T Anthracene (C19.43)	11.221	4873647	35.615 ug/ml
12) T Fluoranthene (C21.85)	12.973	5189769	36.393 ug/ml
13) T Pyrene (C20.8)	13.273	5058567	36.052 ug/ml
14) T Benzo[a]anthracene (C...	15.161	4926081	36.319 ug/ml
15) T Chrysene (C27.41)	15.205	5845626	41.757 ug/ml
16) T benzo[b]fluoranthene ...	16.726	4908743	37.148 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	5386953	39.454 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.107	4758018	37.942 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.487	4978011	44.742 ug/ml
20) T Dibenz[a,h]anthracene...	18.522	5557958	43.192 ug/ml
21) T Benzo[g,h,i]perylene ...	18.742	4968914	41.583 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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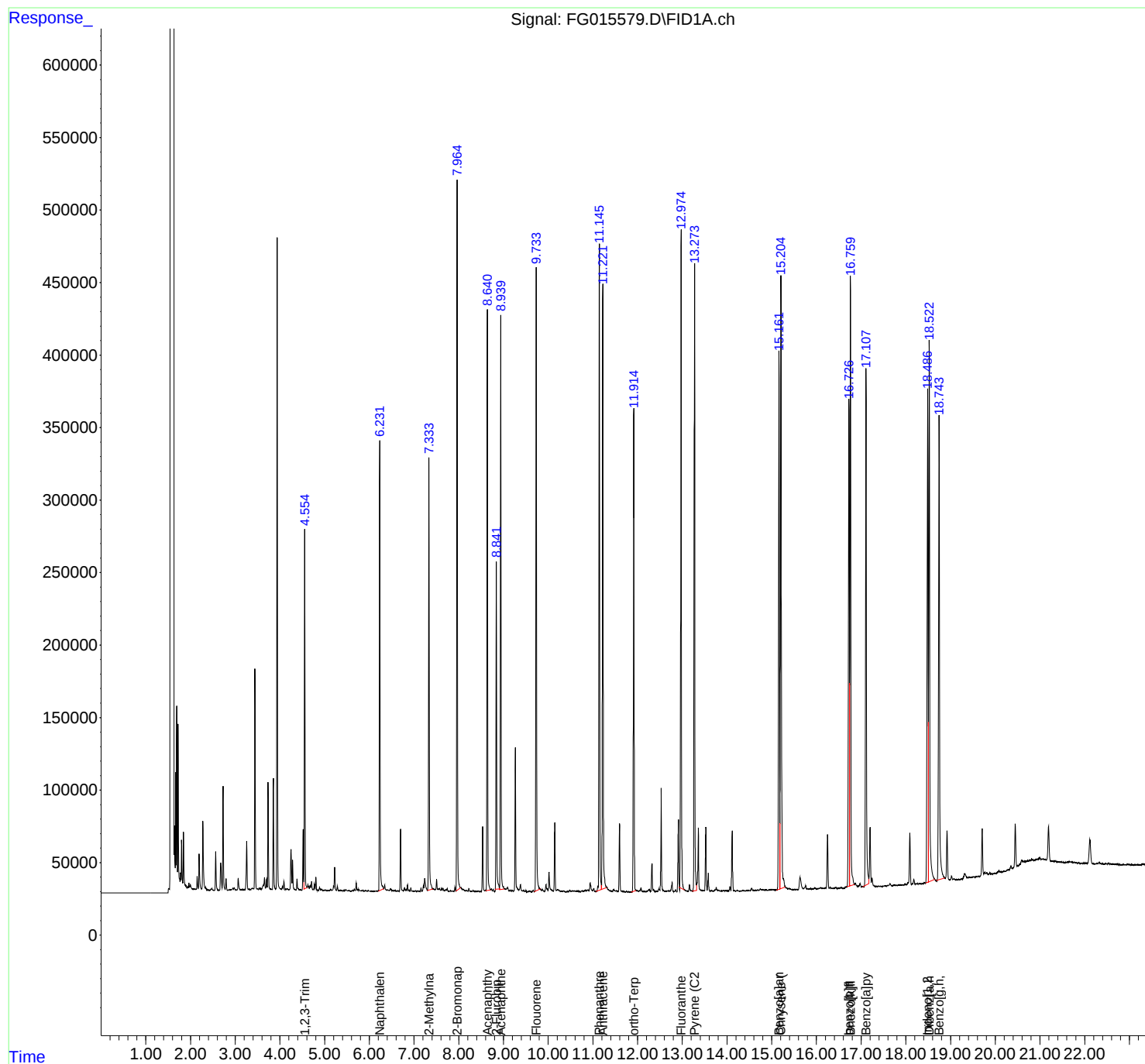
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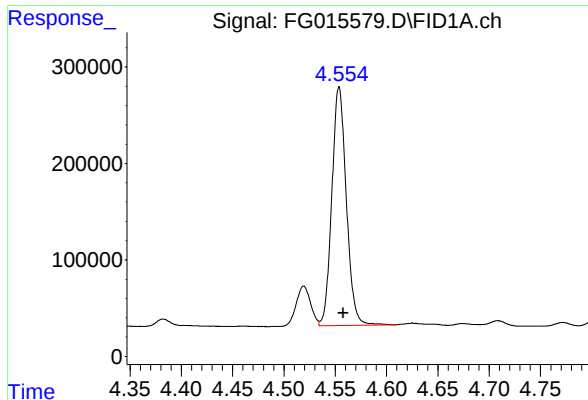
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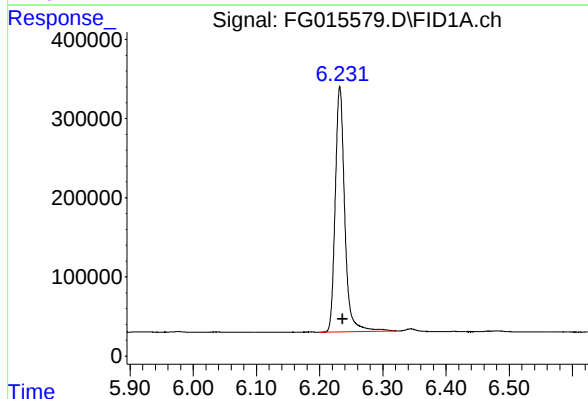
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 2433237
Conc: 18.31 ug/ml

Instrument :
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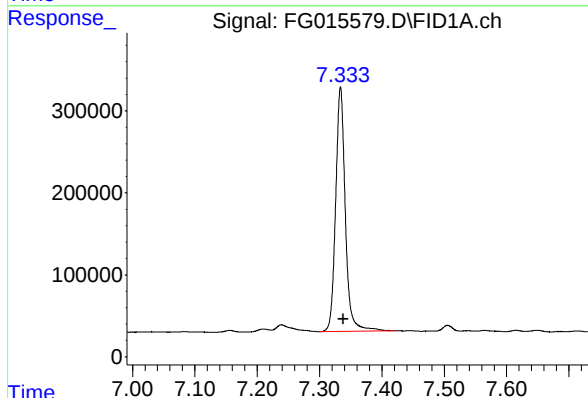
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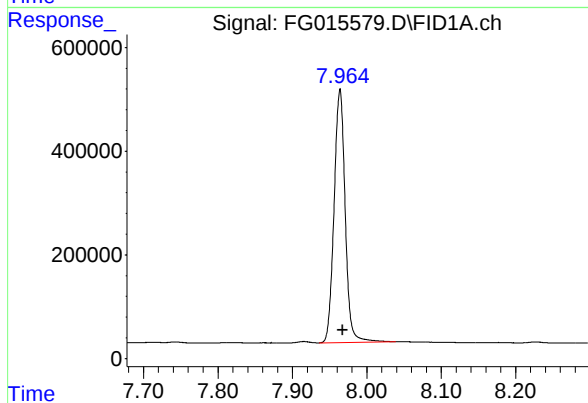
#2 Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.005 min
Response: 3234228
Conc: 23.94 ug/ml



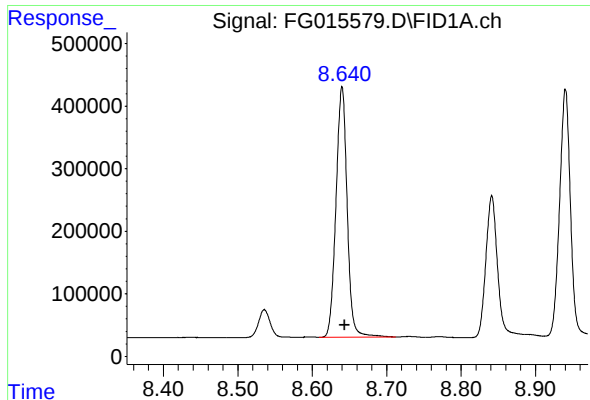
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 3208139
Conc: 24.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.964 min
Delta R.T.: -0.004 min
Response: 5075694
Conc: 41.55 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.640 min
Delta R.T.: -0.004 min
Response: 4178743
Conc: 29.50 ug/ml

Instrument :

FID_G

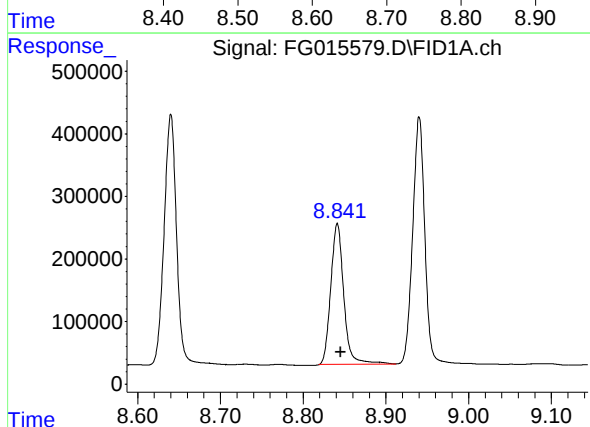
ClientSampleId :

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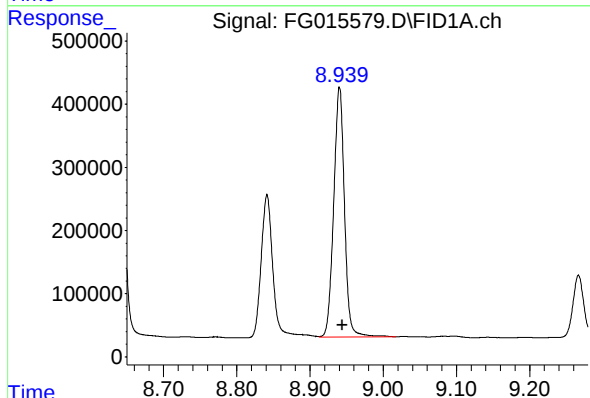
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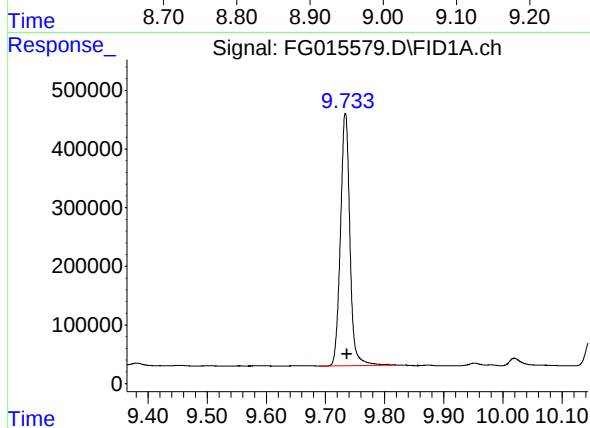
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.841 min
Delta R.T.: -0.004 min
Response: 2466895
Conc: 29.84 ug/ml m



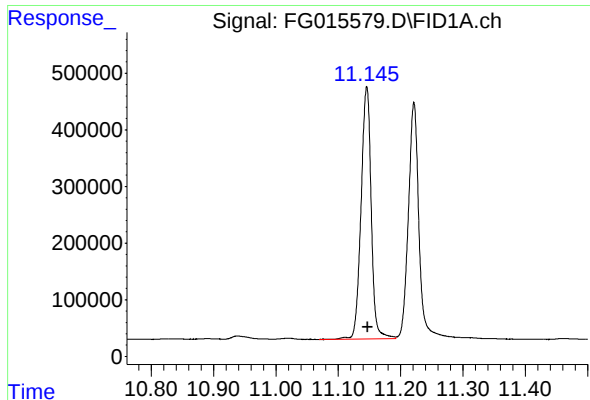
#7 Acenaphthene (C15.5)

R.T.: 8.940 min
Delta R.T.: -0.004 min
Response: 4043140
Conc: 29.63 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.734 min
Delta R.T.: -0.003 min
Response: 4773295
Conc: 34.19 ug/ml



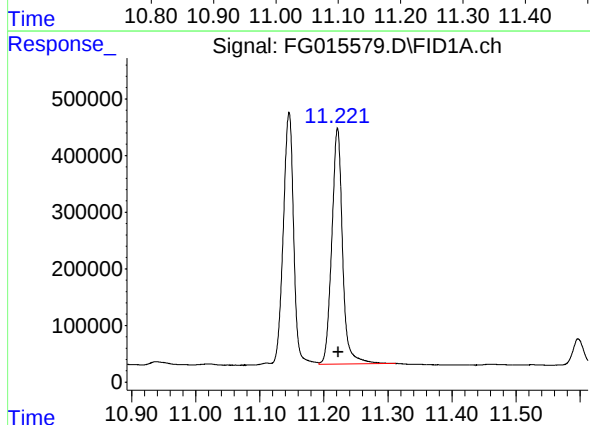
#9 Phenanthrene (C19.36)

R.T.: 11.146 min
Delta R.T.: -0.002 min
Response: 5029604
Conc: 35.70 ug/ml

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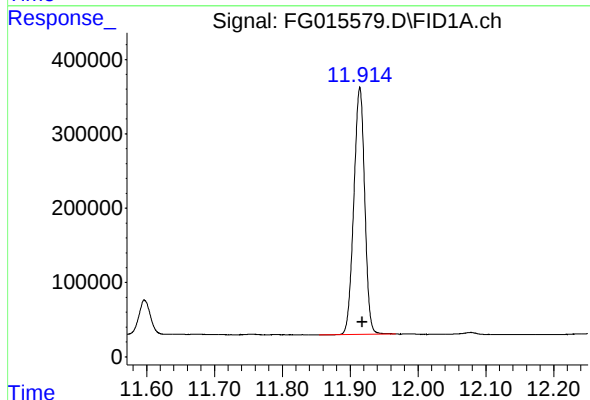
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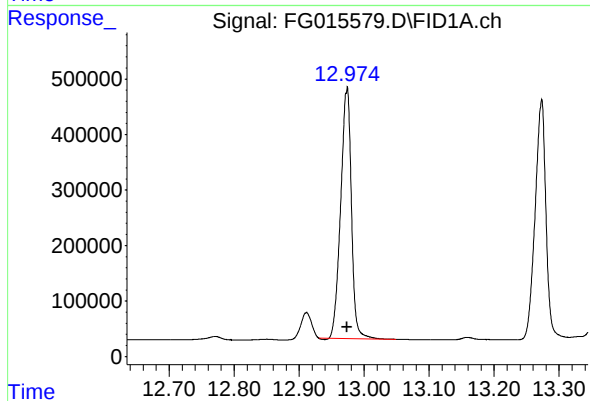
#10 Anthracene (C19.43)

R.T.: 11.221 min
Delta R.T.: -0.001 min
Response: 4873647
Conc: 35.62 ug/ml



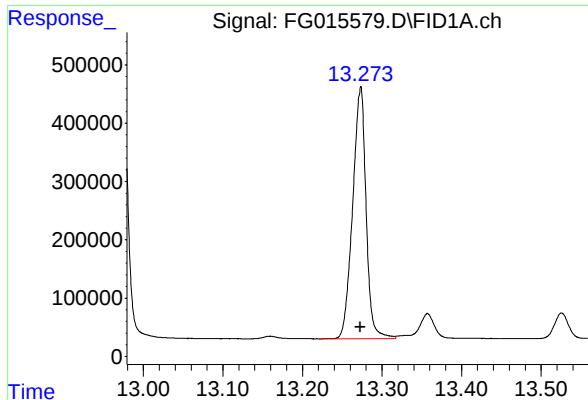
#11 ortho-Terphenyl (SURR)

R.T.: 11.914 min
Delta R.T.: -0.004 min
Response: 3709832
Conc: 25.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 5189769
Conc: 36.39 ug/ml



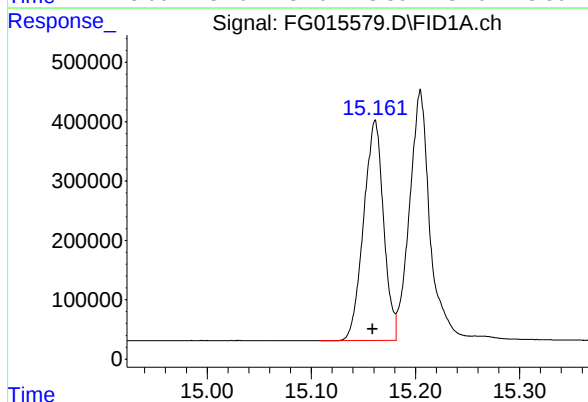
#13 Pyrene (C20.8)

R.T.: 13.273 min
Delta R.T.: 0.000 min
Response: 5058567
Conc: 36.05 ug/ml

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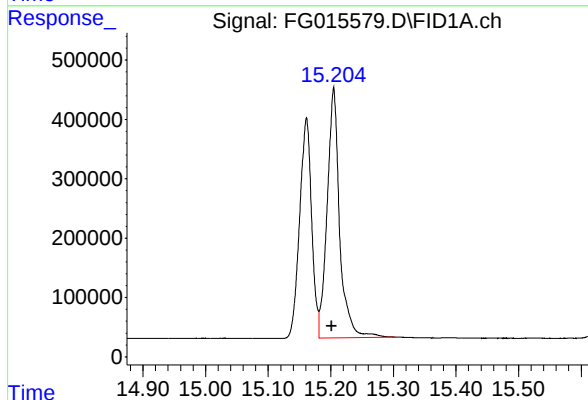
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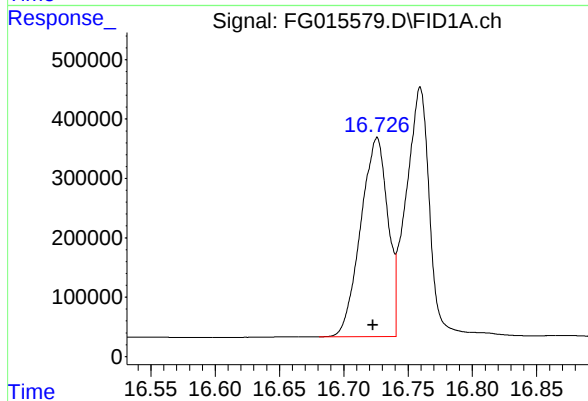
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.161 min
Delta R.T.: 0.002 min
Response: 4926081
Conc: 36.32 ug/ml



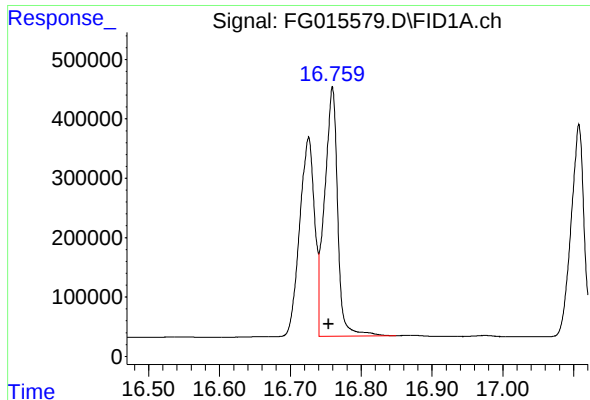
#15 Chrysene (C27.41)

R.T.: 15.205 min
Delta R.T.: 0.003 min
Response: 5845626
Conc: 41.76 ug/ml



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

R.T.: 16.726 min
Delta R.T.: 0.003 min
Response: 4908743
Conc: 37.15 ug/ml



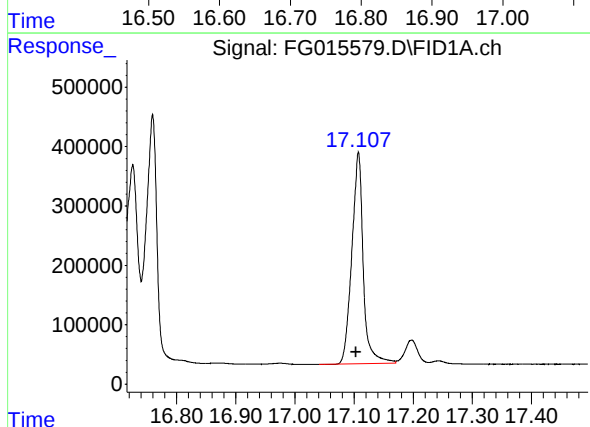
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.759 min
Delta R.T.: 0.005 min
Response: 5386953
Conc: 39.45 ug/ml

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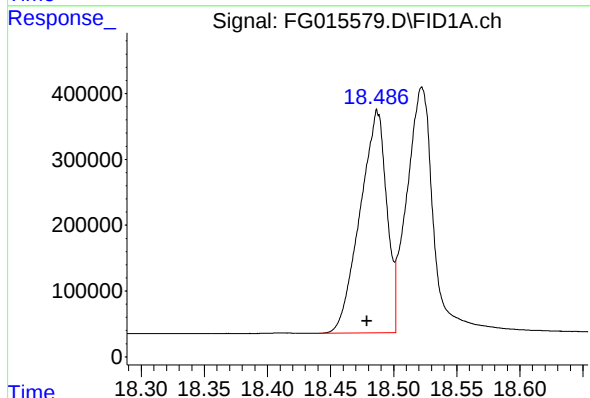
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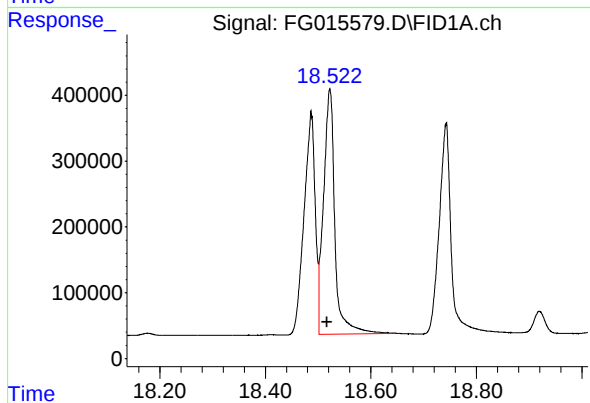
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.107 min
Delta R.T.: 0.004 min
Response: 4758018
Conc: 37.94 ug/ml



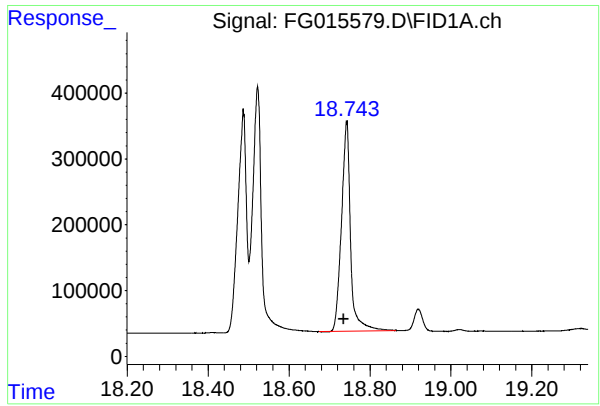
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.487 min
Delta R.T.: 0.008 min
Response: 4978011
Conc: 44.74 ug/ml



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

R.T.: 18.522 min
Delta R.T.: 0.005 min
Response: 5557958
Conc: 43.19 ug/ml



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

R.T.: 18.742 min
Delta R.T.: 0.007 min
Response: 4968914
Conc: 41.58 ug/ml

Instrument :

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