

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032625AR\
 Data File : FG015557.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2025 17:08
 Operator : YP\AJ
 Sample : PB167327BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167327BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e
 Quant Time: Mar 27 02:42:07 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...	7.968	5641203	46.181 ug/ml
Spiked Amount 50.000		Recovery =	92.36%
6) S 2-Fluorobiphenyl (SURR)	8.846	3160668	38.238 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.48%
11) S ortho-Terphenyl (SURR)	11.921	5937645	40.717 ug/ml
Spiked Amount 50.000		Recovery =	81.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.557	4449691	33.485 ug/ml
2) T Naphthalene (C11.7)	6.237	5691104	42.123 ug/ml
3) T 2-Methylnaphthalene (...)	7.339	5890082	44.156 ug/ml
5) T Acenaphthylene (C15.06)	8.647	7277909	51.387 ug/ml
7) T Acenaphthene (C15.5)	8.948	7563447	55.437 ug/ml
8) T Fluorene (C16.55)	9.742	7849403	56.226 ug/ml
9) T Phenanthrene (C19.36)	11.154	7917759	56.201 ug/ml
10) T Anthracene (C19.43)	11.230	7915690	57.846 ug/ml
12) T Fluoranthene (C21.85)	12.983	7905357	55.435 ug/mlm
13) T Pyrene (C20.8)	13.283	7877862	56.145 ug/ml
14) T Benzo[a]anthracene (C...	15.171	7453156	54.951 ug/ml
15) T Chrysene (C27.41)	15.216	8781466	62.729 ug/ml
16) T benzo[b]fluoranthene ...	16.736	7166250	54.232 ug/ml
17) T Bnezo[k]fluoranthene ...	16.773	7387538	54.106 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.119	7025635	56.025 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.500	7171882	64.460 ug/ml
20) T Dibenz[a,h]anthracene...	18.536	7174250	55.752 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.758	7010136	58.665 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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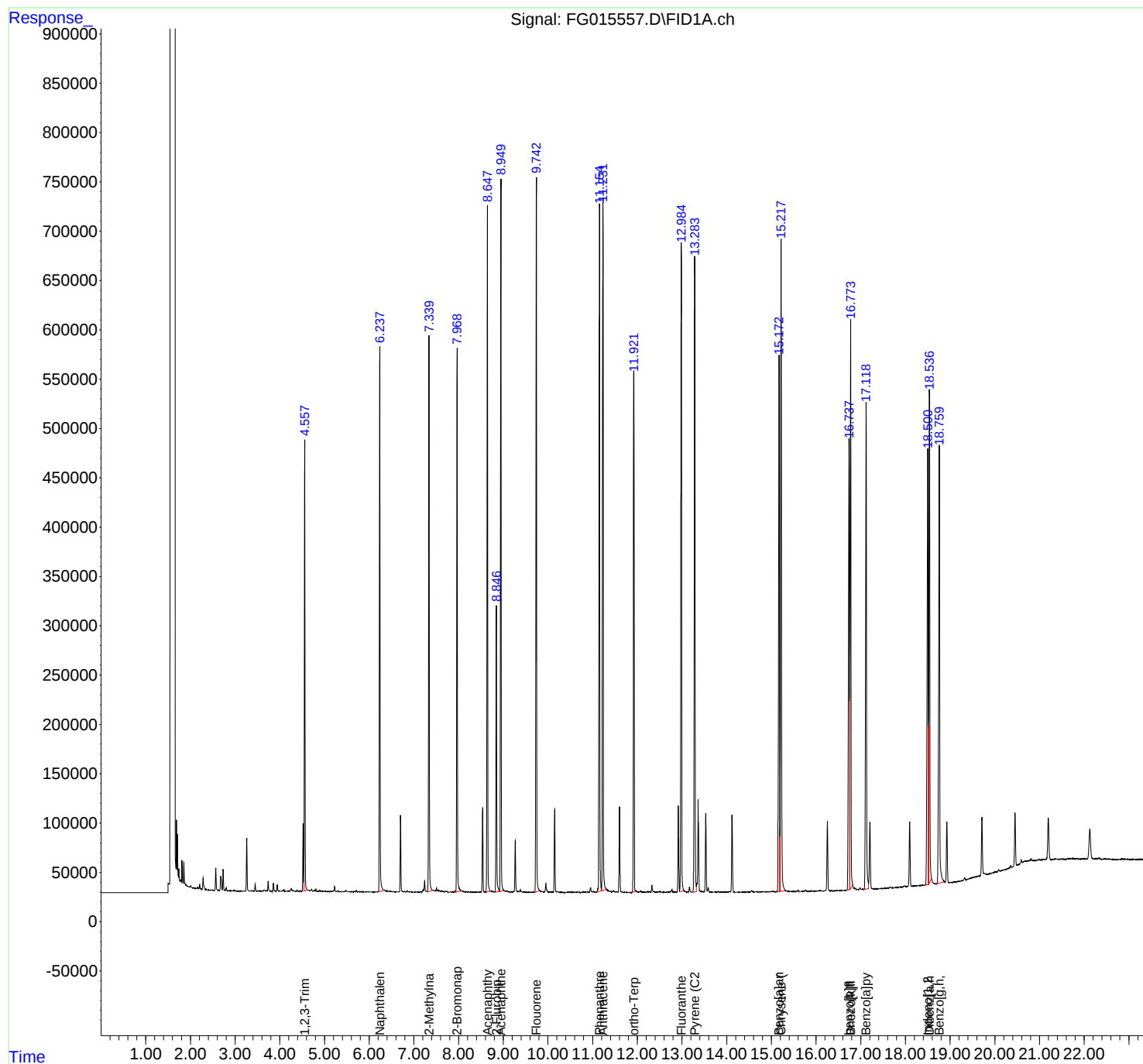
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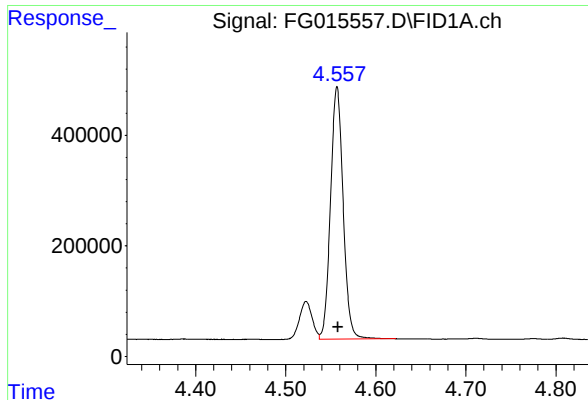
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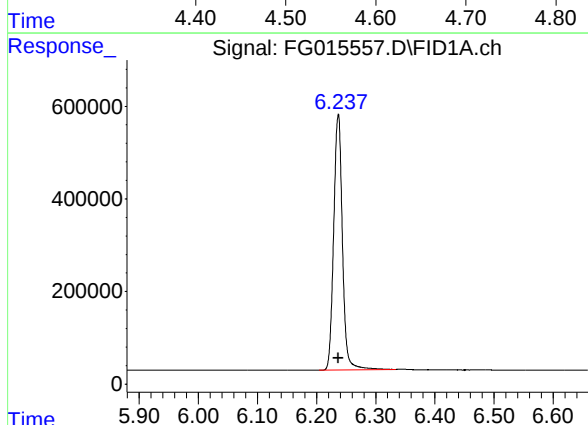
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 4449691
Conc: 33.48 ug/ml

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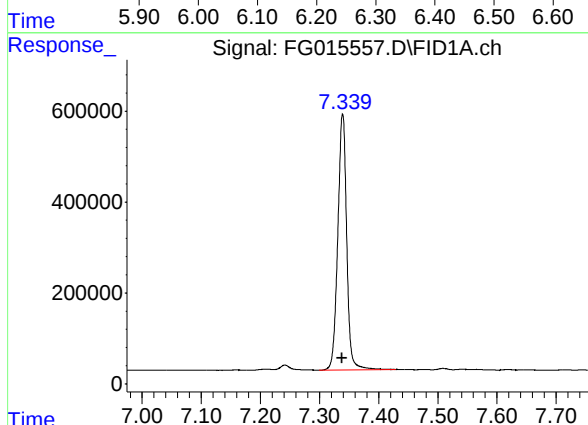
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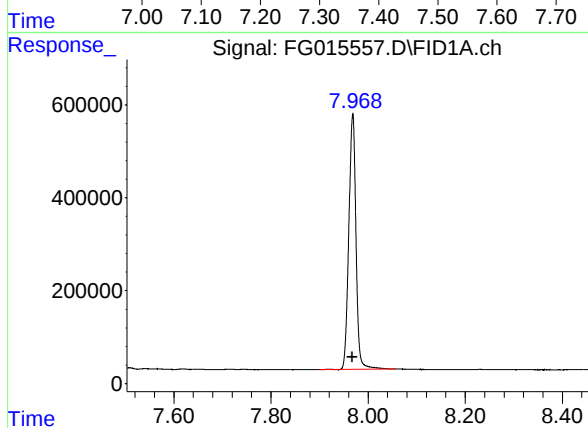
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 5691104
Conc: 42.12 ug/ml



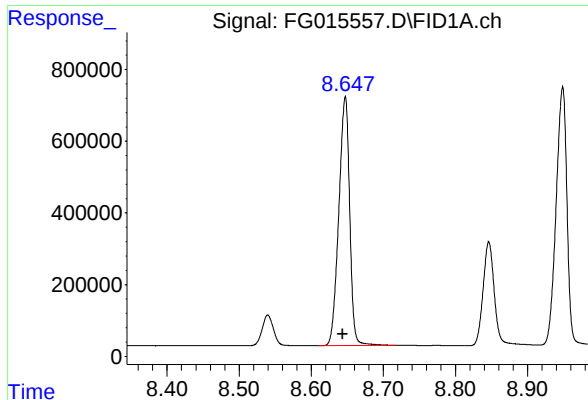
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 5890082
Conc: 44.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 5641203
Conc: 46.18 ug/ml



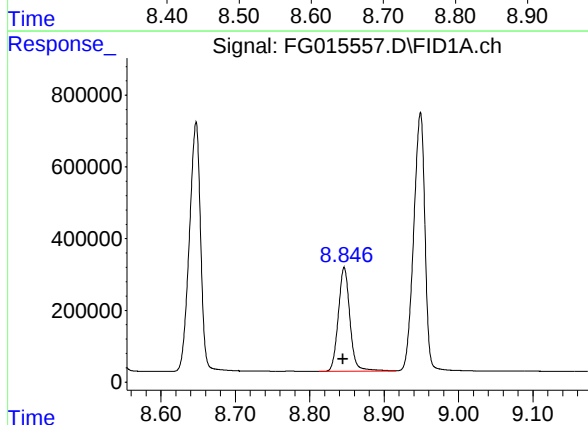
#5 Acenaphthylene (C15.06)

R.T.: 8.647 min
Delta R.T.: 0.003 min
Response: 7277909
Conc: 51.39 ug/ml

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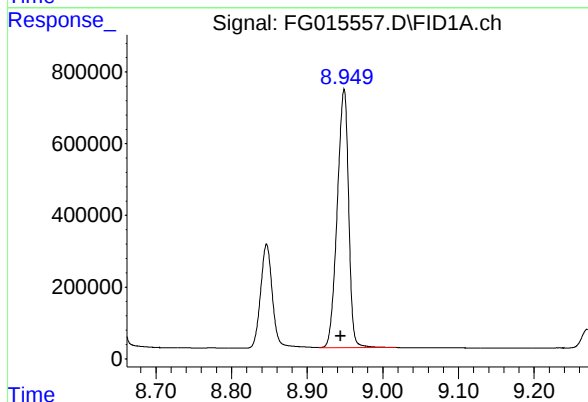
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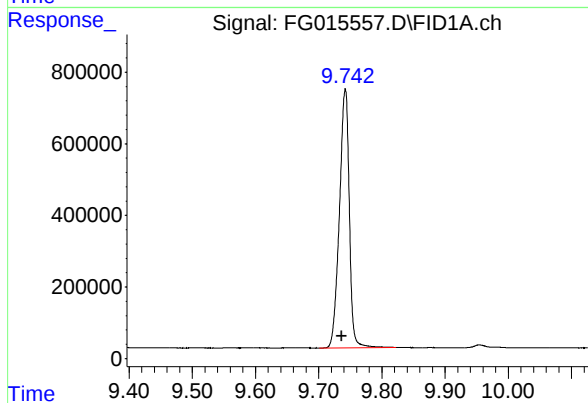
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.846 min
Delta R.T.: 0.001 min
Response: 3160668
Conc: 38.24 ug/ml



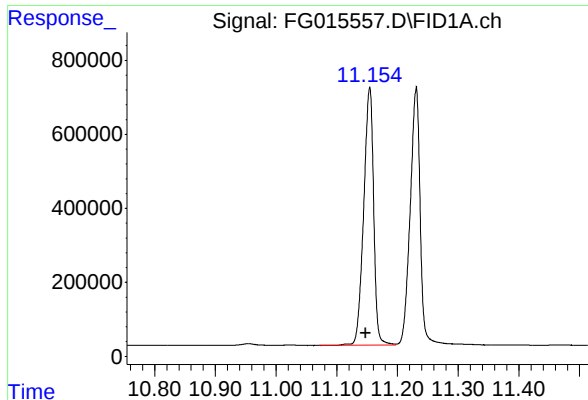
#7 Acenaphthene (C15.5)

R.T.: 8.948 min
Delta R.T.: 0.004 min
Response: 7563447
Conc: 55.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.742 min
Delta R.T.: 0.005 min
Response: 7849403
Conc: 56.23 ug/ml



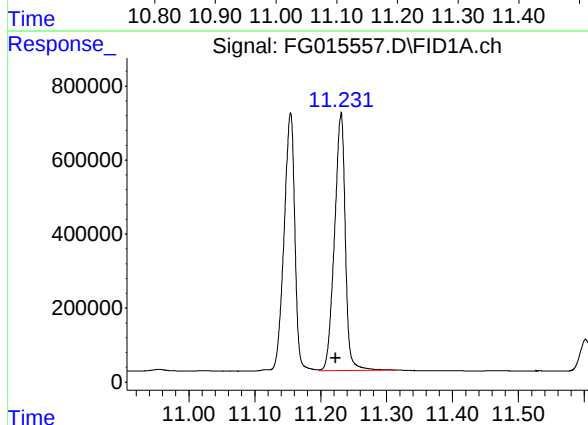
#9 Phenanthrene (C19.36)

R.T.: 11.154 min
Delta R.T.: 0.007 min
Response: 7917759
Conc: 56.20 ug/ml

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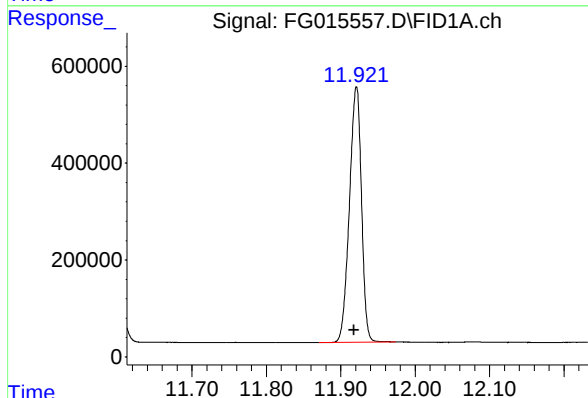
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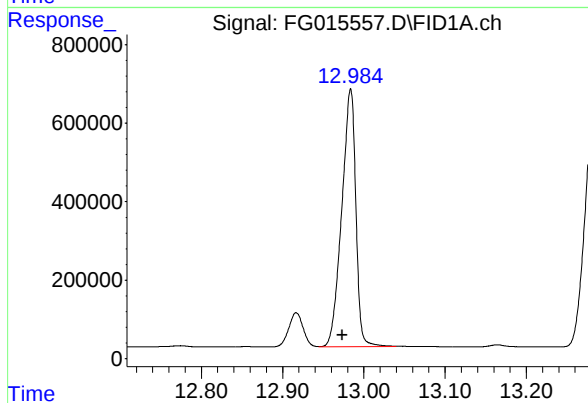
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.008 min
Response: 7915690
Conc: 57.85 ug/ml



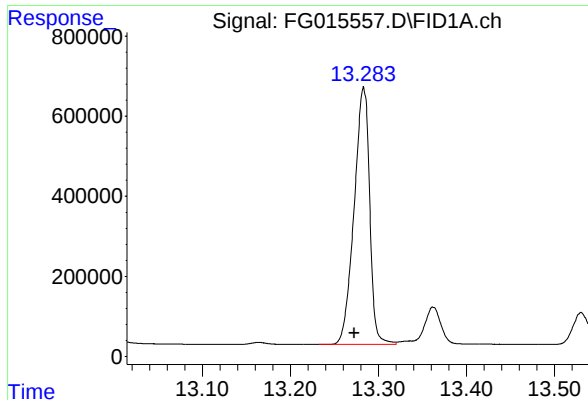
#11 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.003 min
Response: 5937645
Conc: 40.72 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.983 min
Delta R.T.: 0.010 min
Response: 7905357
Conc: 55.44 ug/ml m



#13 Pyrene (C20.8)

R.T.: 13.283 min
Delta R.T.: 0.010 min
Response: 7877862
Conc: 56.14 ug/ml

Instrument :

FID_G

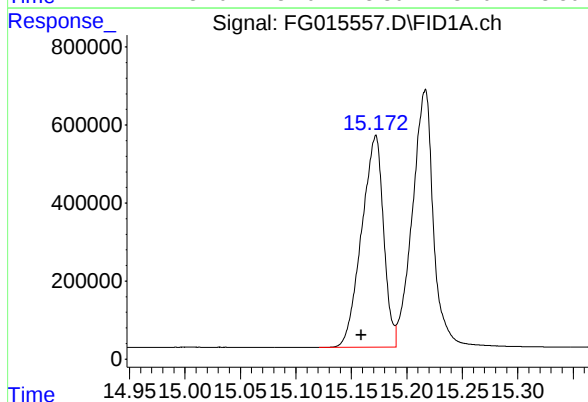
ClientSampleId :

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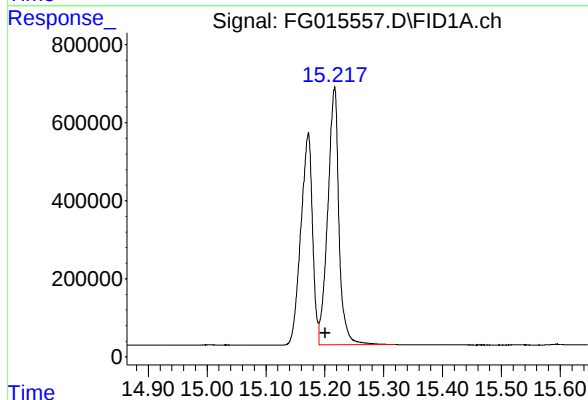
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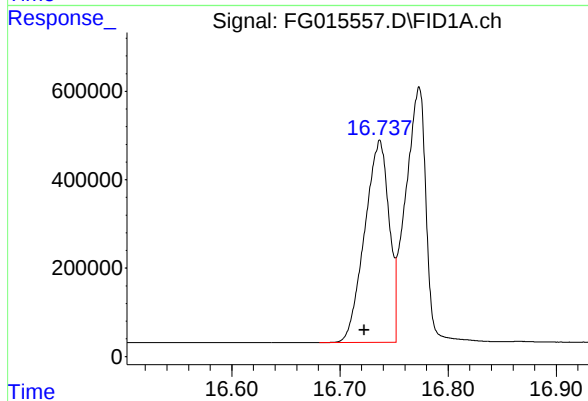
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.171 min
Delta R.T.: 0.012 min
Response: 7453156
Conc: 54.95 ug/ml



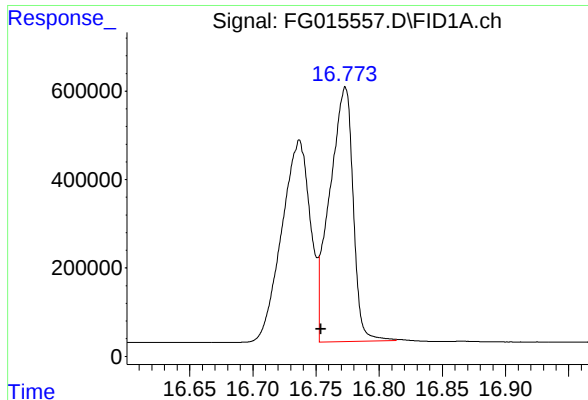
#15 Chrysene (C27.41)

R.T.: 15.216 min
Delta R.T.: 0.015 min
Response: 8781466
Conc: 62.73 ug/ml



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

R.T.: 16.736 min
Delta R.T.: 0.014 min
Response: 7166250
Conc: 54.23 ug/ml



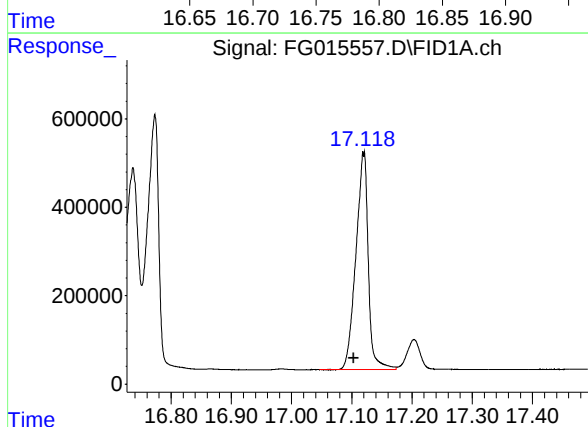
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.773 min
Delta R.T.: 0.019 min
Response: 7387538
Conc: 54.11 ug/ml

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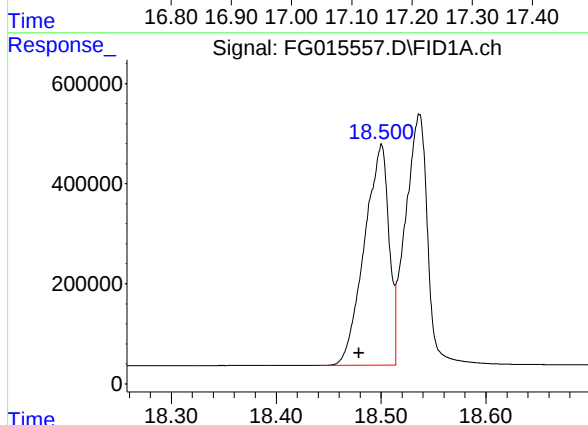
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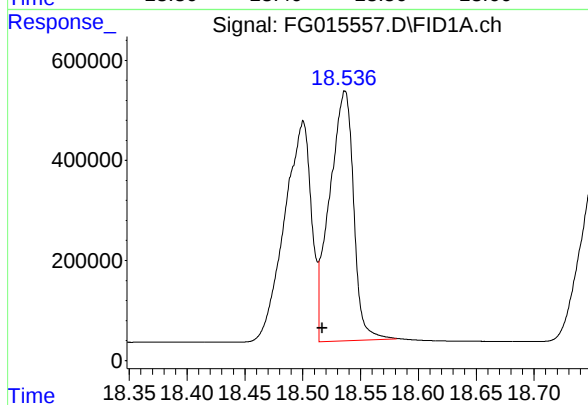
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.119 min
Delta R.T.: 0.016 min
Response: 7025635
Conc: 56.03 ug/ml



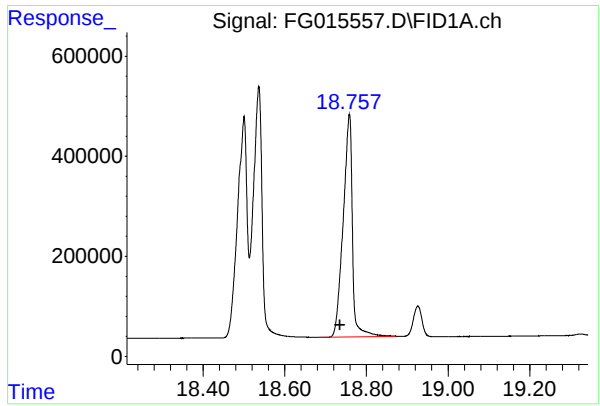
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.500 min
Delta R.T.: 0.021 min
Response: 7171882
Conc: 64.46 ug/ml



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

R.T.: 18.536 min
Delta R.T.: 0.019 min
Response: 7174250
Conc: 55.75 ug/ml m



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

R.T.: 18.758 min
Delta R.T.: 0.023 min
Response: 7010136
Conc: 58.67 ug/ml

Instrument :

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