

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AR\
 Data File : FF015334.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 19:40
 Operator : YP\AJ
 Sample : Q1194-01MS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 B-110-SB01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 00:49:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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...	7.993	7140254	54.093 ug/ml
Spiked Amount 50.000		Recovery =	108.19%
6) S 2-Fluorobiphenyl (SURR)	8.866	4584114	54.309 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.62%
11) S ortho-Terphenyl (SURR)	11.929	6065574	35.236 ug/ml
Spiked Amount 50.000		Recovery =	70.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	6180634	38.532 ug/ml
2) T Naphthalene (C11.7)	6.271	7136326	44.509 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	6946332	43.683 ug/ml
5) T Acenaphthylene (C15.06)	8.668	7812675	49.167 ug/ml
7) T Acenaphthene (C15.5)	8.968	8217120	50.393 ug/ml
8) T Fluorene (C16.55)	9.757	8180501	51.954 ug/ml
9) T Phenanthrene (C19.36)	11.162	7905446	49.513 ug/ml
10) T Anthracene (C19.43)	11.238	7910996	53.582 ug/ml
12) T Fluoranthene (C21.85)	12.984	7933218	47.954 ug/ml
13) T Pyrene (C20.8)	13.283	7792479	48.108 ug/ml
14) T Benzo[a]anthracene (C...	15.164	7162559	48.013 ug/ml
15) T Chrysene (C27.41)	15.210	8024915	51.664 ug/ml
16) T benzo[b]fluoranthene ...	16.725	7056691	47.685 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	7006258	49.553 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.107	6734227	47.397 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.481	7350672	58.335 ug/ml
20) T Dibenz[a,h]anthracene...	18.520	6622747	44.763 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.740	7004278	51.887 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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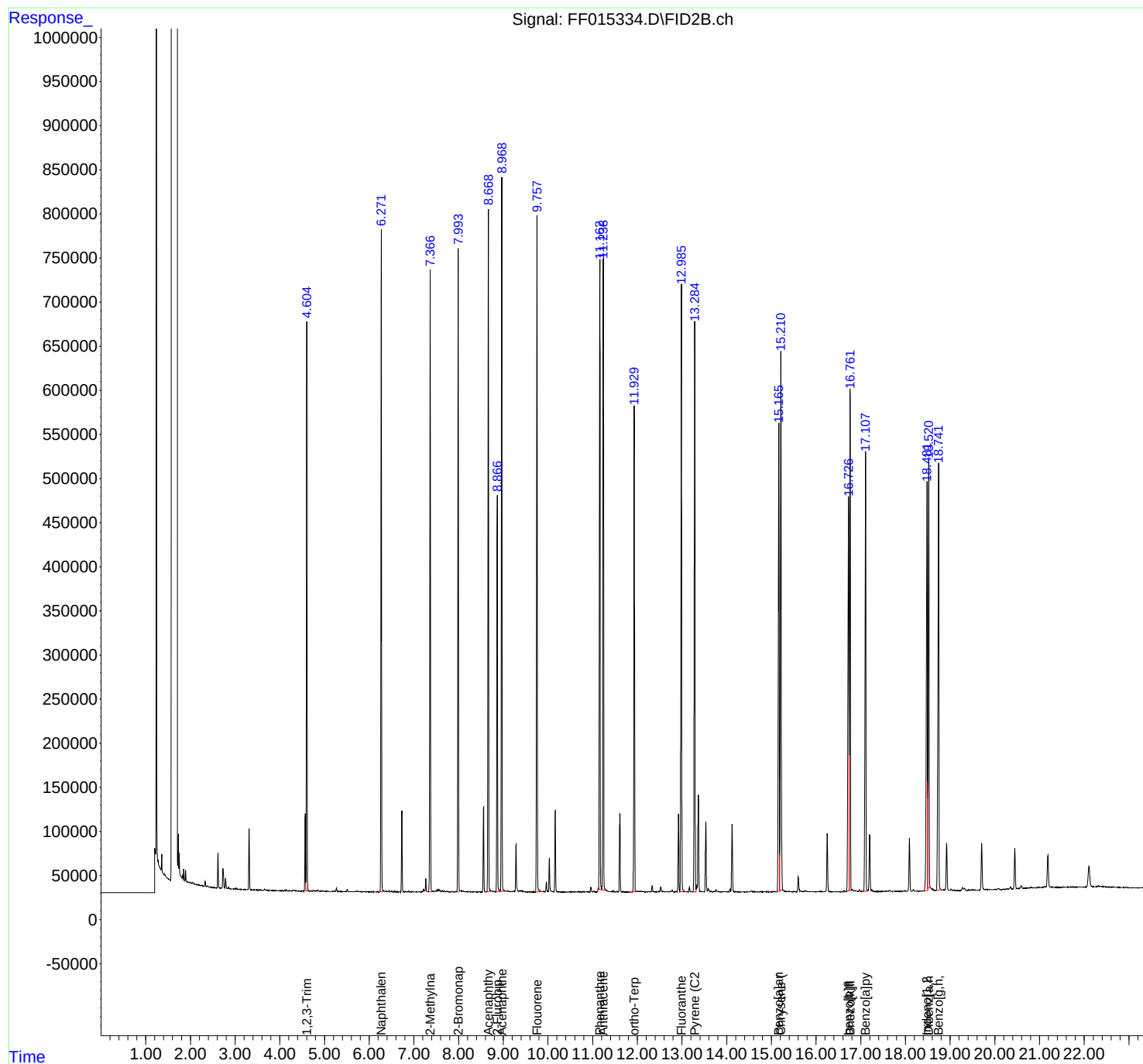
Instrument :
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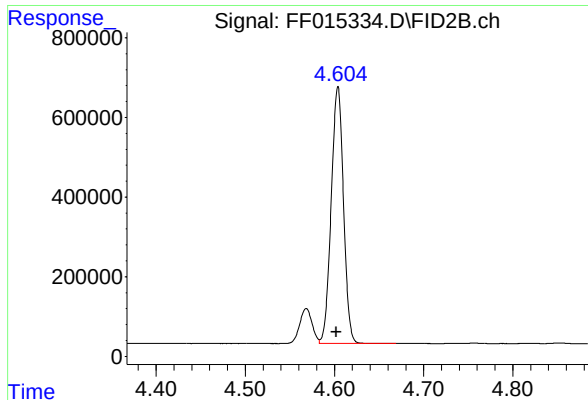
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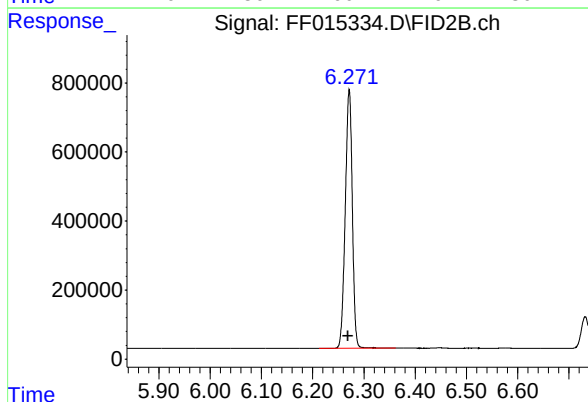
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.604 min
Delta R.T.: 0.002 min
Response: 6180634
Conc: 38.53 ug/ml

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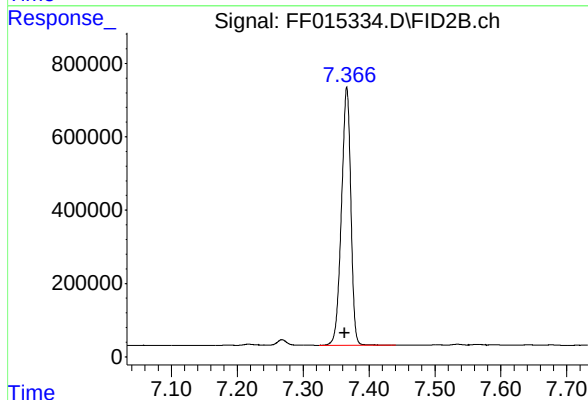
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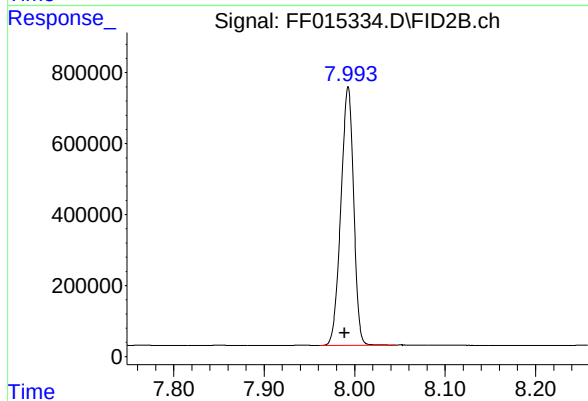
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 7136326
Conc: 44.51 ug/ml



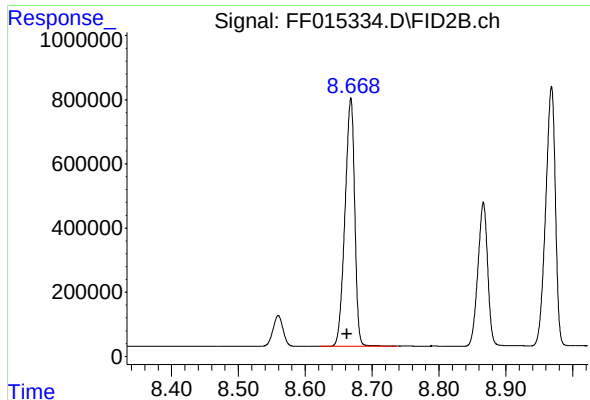
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: 0.003 min
Response: 6946332
Conc: 43.68 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.993 min
Delta R.T.: 0.004 min
Response: 7140254
Conc: 54.09 ug/ml



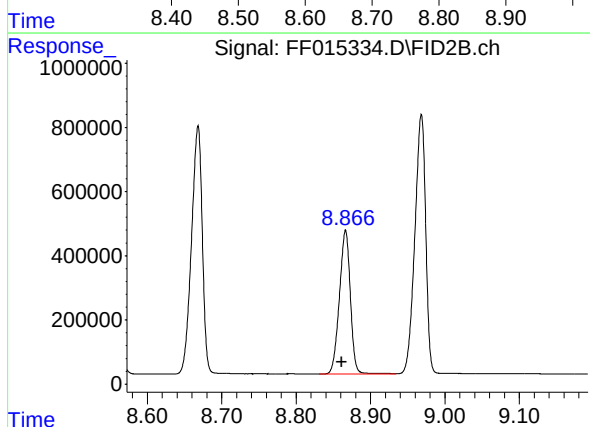
#5 Acenaphthylene (C15.06)

R.T.: 8.668 min
Delta R.T.: 0.006 min
Response: 7812675
Conc: 49.17 ug/ml

Instrument :
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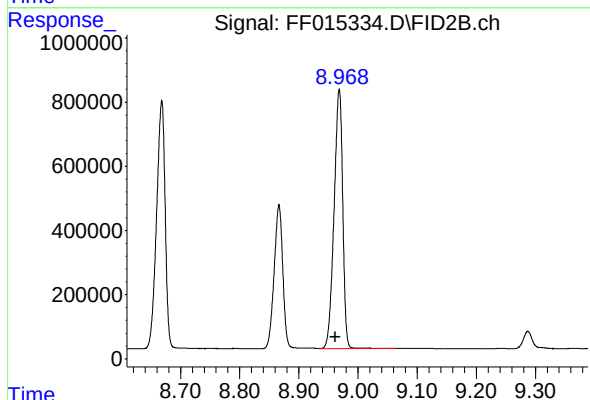
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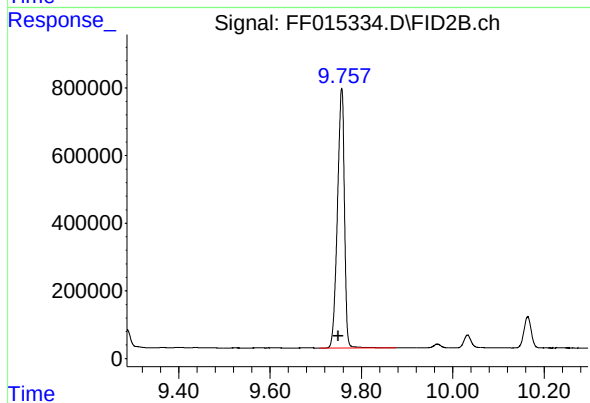
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.005 min
Response: 4584114
Conc: 54.31 ug/ml



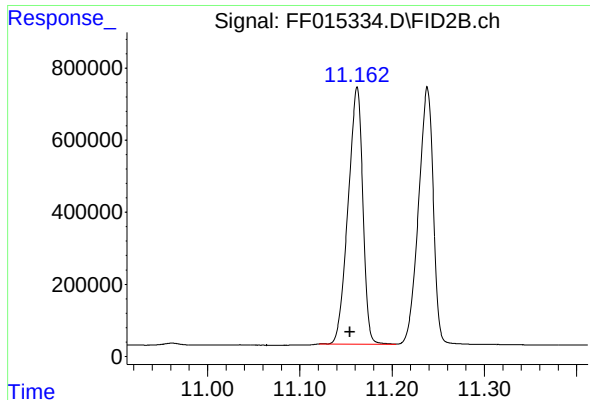
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: 0.006 min
Response: 8217120
Conc: 50.39 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.757 min
Delta R.T.: 0.007 min
Response: 8180501
Conc: 51.95 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.162 min
Delta R.T.: 0.007 min
Response: 7905446
Conc: 49.51 ug/ml

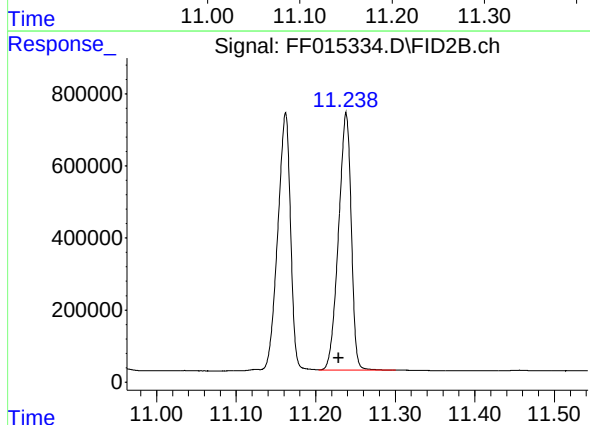
Instrument :

FID_F

ClientSampleId :
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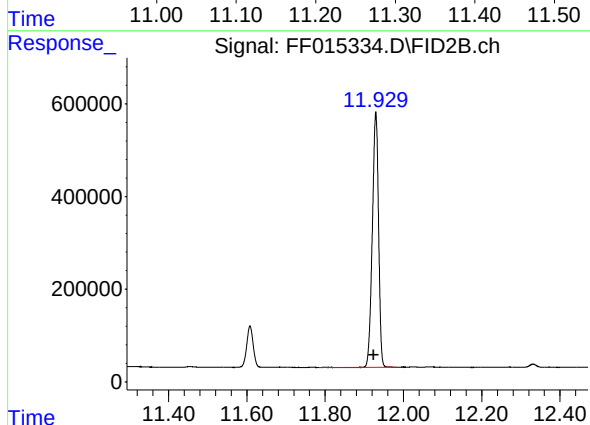
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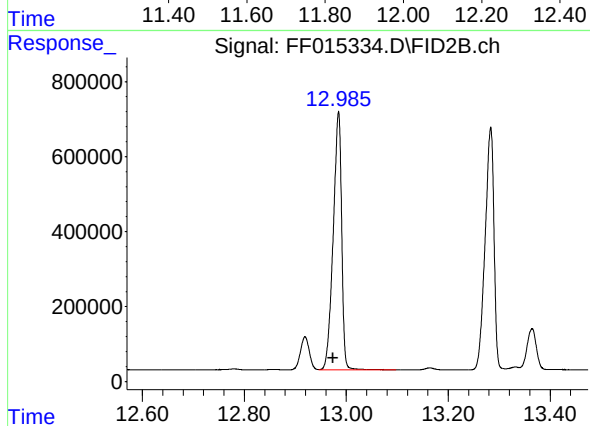
#10 Anthracene (C19.43)

R.T.: 11.238 min
Delta R.T.: 0.009 min
Response: 7910996
Conc: 53.58 ug/ml



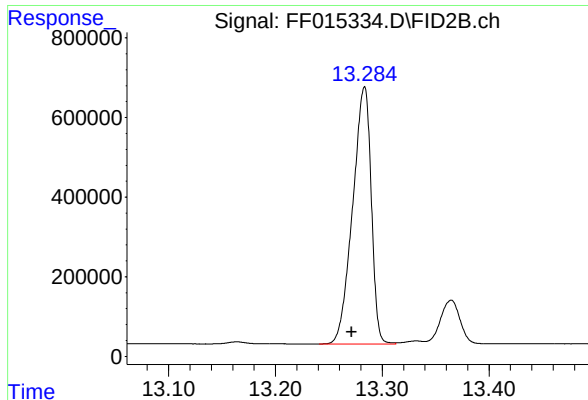
#11 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: 0.005 min
Response: 6065574
Conc: 35.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.984 min
Delta R.T.: 0.011 min
Response: 7933218
Conc: 47.95 ug/ml



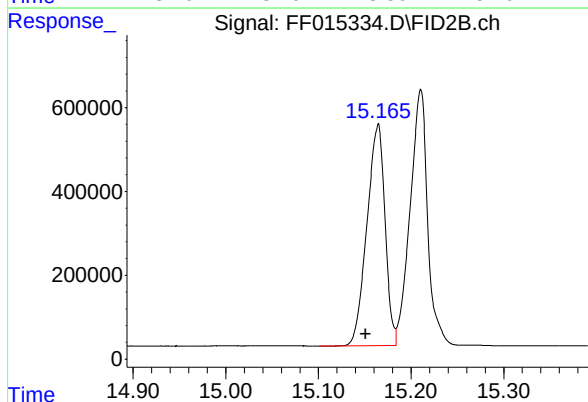
#13 Pyrene (C20.8)

R.T.: 13.283 min
Delta R.T.: 0.011 min
Response: 7792479
Conc: 48.11 ug/ml

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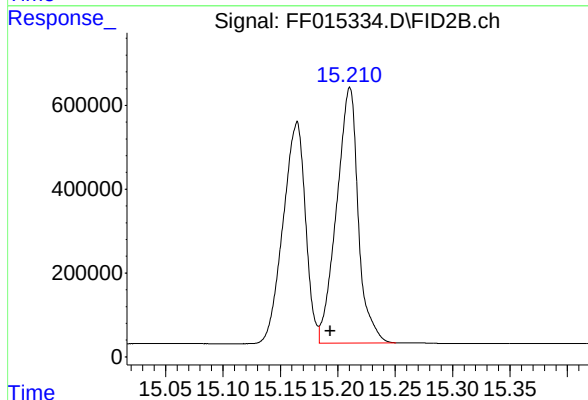
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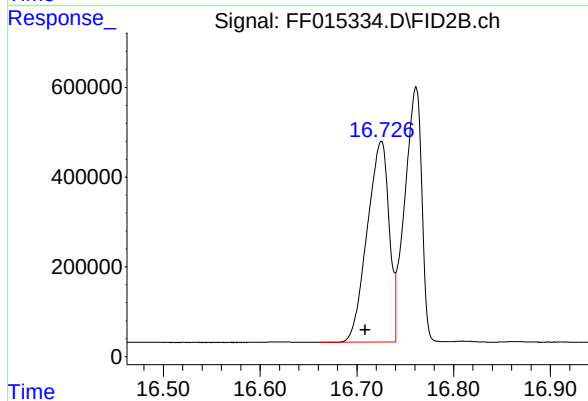
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.164 min
Delta R.T.: 0.013 min
Response: 7162559
Conc: 48.01 ug/ml



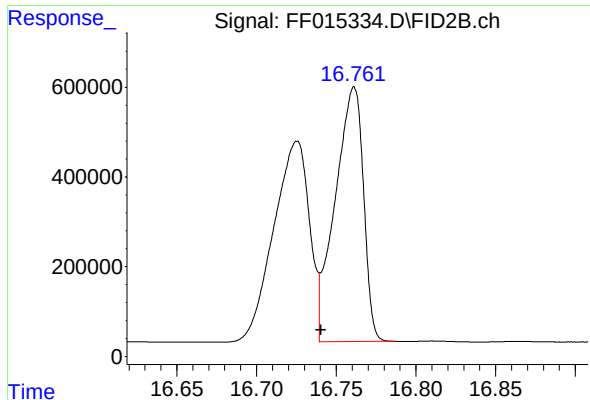
#15 Chrysene (C27.41)

R.T.: 15.210 min
Delta R.T.: 0.016 min
Response: 8024915
Conc: 51.66 ug/ml



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

R.T.: 16.725 min
Delta R.T.: 0.016 min
Response: 7056691
Conc: 47.69 ug/ml



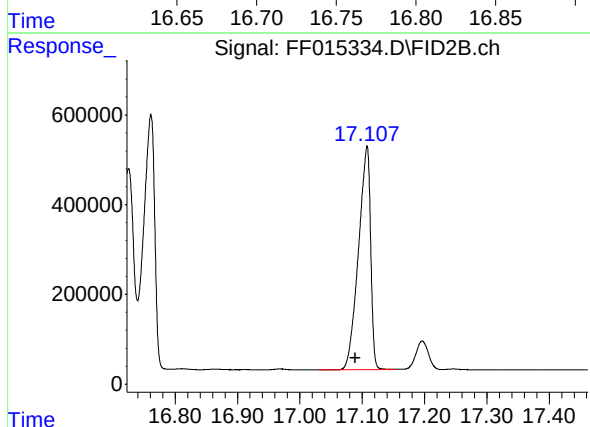
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.761 min
Delta R.T.: 0.020 min
Response: 7006258
Conc: 49.55 ug/ml

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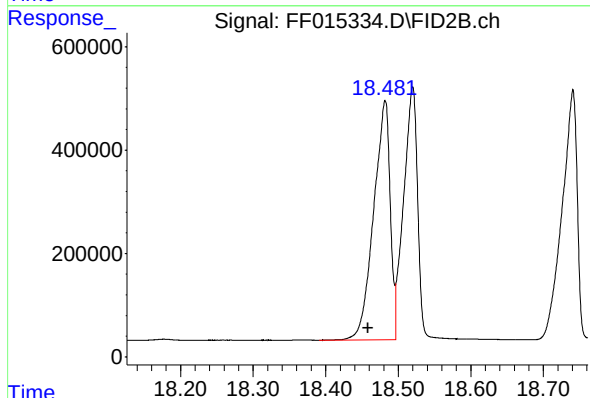
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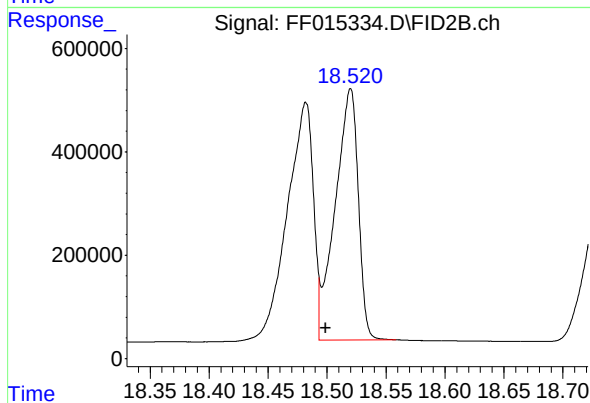
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.107 min
Delta R.T.: 0.018 min
Response: 6734227
Conc: 47.40 ug/ml



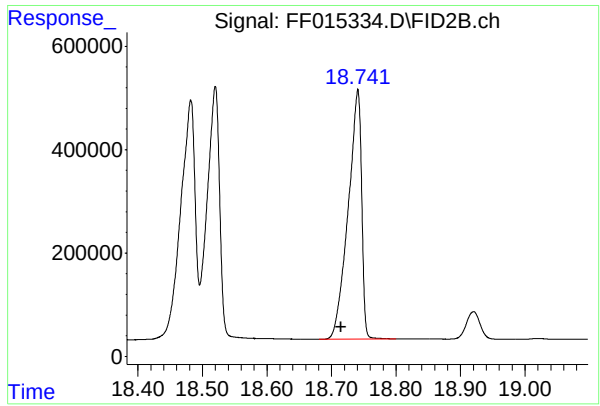
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.481 min
Delta R.T.: 0.023 min
Response: 7350672
Conc: 58.33 ug/ml



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

R.T.: 18.520 min
Delta R.T.: 0.021 min
Response: 6622747
Conc: 44.76 ug/ml m



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

R.T.: 18.740 min
Delta R.T.: 0.026 min
Response: 7004278
Conc: 51.89 ug/ml

Instrument :

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