

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016457.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 18:22
 Operator : YP\AJ
 Sample : Q3178-01MS
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 EME-TS14-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2025
 Supervised By :Sohil Jodhani 09/26/2025

Integration File: autoint1.e
 Quant Time: Sep 26 02:46:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 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...	8.033	5058247	40.380 ug/ml
Spiked Amount 50.000		Recovery =	80.76%
6) S 2-Fluorobiphenyl (SURR)	8.911	2664326	31.590 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.18%
11) S ortho-Terphenyl (SURR)	11.978	3323140	21.798 ug/ml
Spiked Amount 50.000		Recovery =	43.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.628	5219490	37.027 ug/ml
2) T Naphthalene (C11.7)	6.305	6225736	42.735 ug/ml
3) T 2-Methylnaphthalene (...)	7.405	5989701	40.685 ug/ml
5) T Acenaphthylene (C15.06)	8.714	7307622	50.426 ug/ml
7) T Acenaphthene (C15.5)	9.014	6899308	48.106 ug/ml
8) T Flouorene (C16.55)	9.805	7660630	53.029 ug/ml
9) T Phenanthrene (C19.36)	11.214	7532293	51.642 ug/ml
10) T Anthracene (C19.43)	11.291	7384393	51.614 ug/ml
12) T Fluoranthene (C21.85)	13.041	7393452	50.623 ug/ml
13) T Pyrene (C20.8)	13.341	7337324	51.201 ug/ml
14) T Benzo[a]anthracene (C...	15.227	6939738	50.982 ug/ml
15) T Chrysene (C27.41)	15.272	8021815	56.235 ug/ml
16) T benzo[b]fluoranthene ...	16.789	6646566	50.583 ug/ml
17) T Bnezo[k]fluoranthene ...	16.826	6557911	52.101 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.172	6480260	50.750 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.553	7243231	63.516 ug/ml
20) T Dibenz[a,h]anthracene...	18.591	6402448	49.041 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.811	6180952	50.195 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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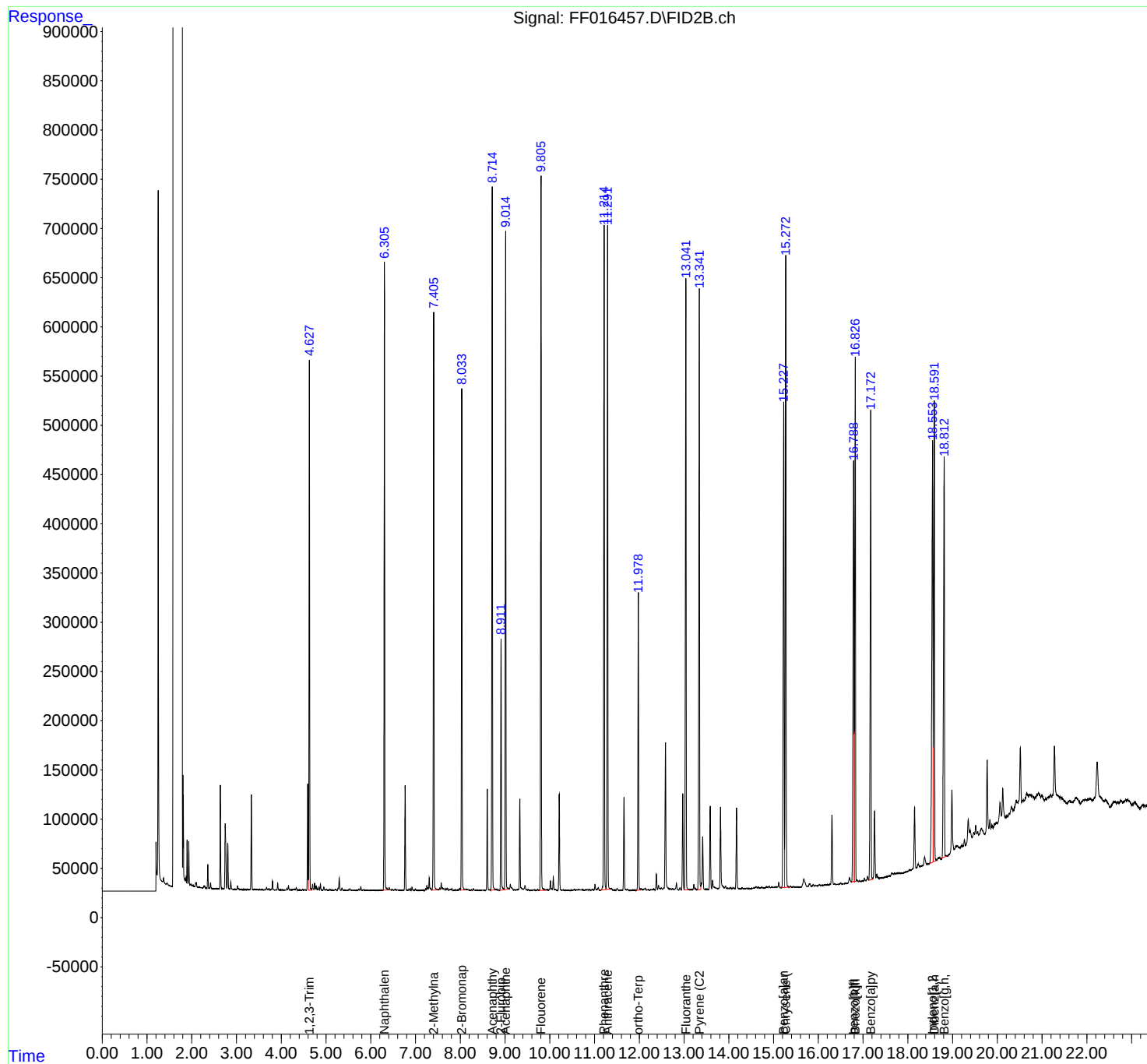
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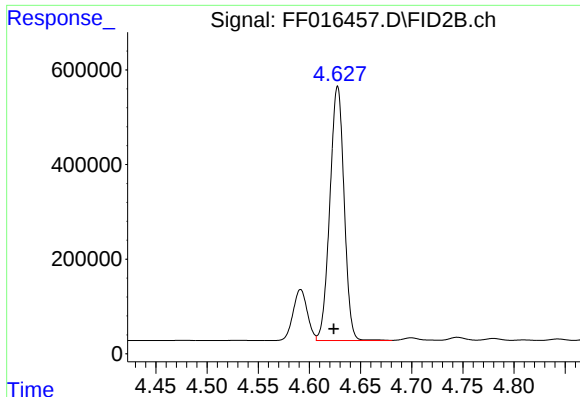
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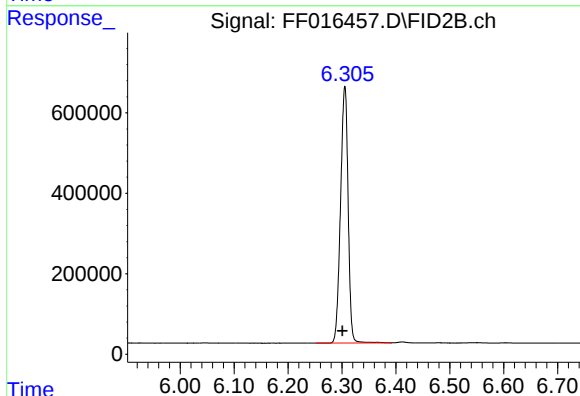
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.628 min
Delta R.T.: 0.004 min
Response: 5219490
Conc: 37.03 ug/ml

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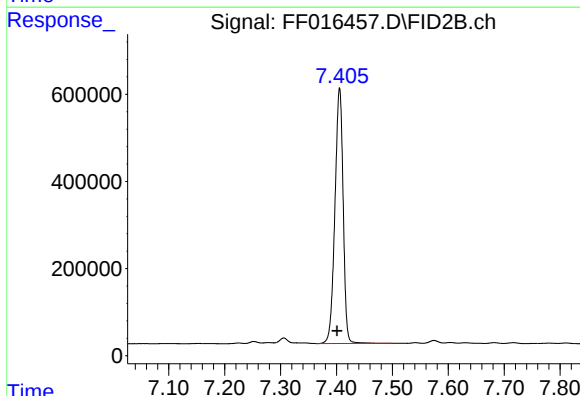
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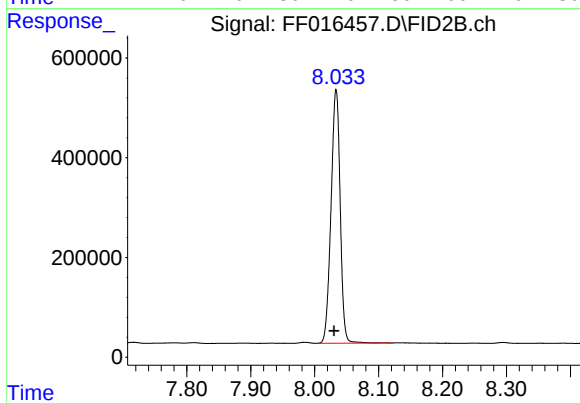
#2 Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.004 min
Response: 6225736
Conc: 42.74 ug/ml



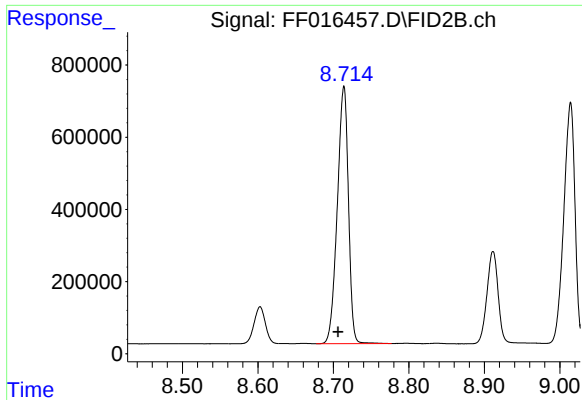
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: 0.004 min
Response: 5989701
Conc: 40.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.033 min
Delta R.T.: 0.003 min
Response: 5058247
Conc: 40.38 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.714 min
Delta R.T.: 0.007 min
Response: 7307622
Conc: 50.43 ug/ml

Instrument :

FID_F

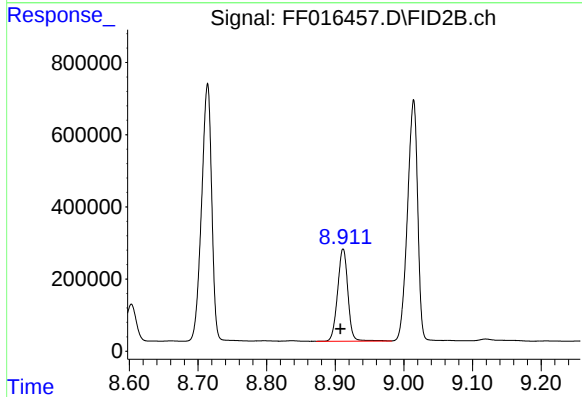
ClientSampleId :

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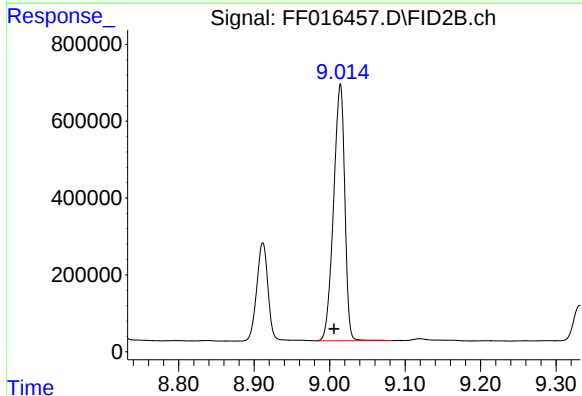
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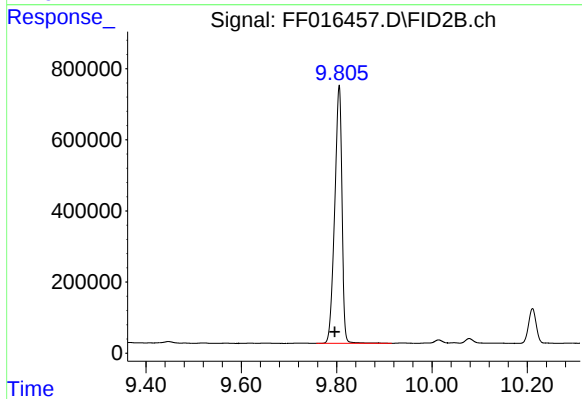
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.004 min
Response: 2664326
Conc: 31.59 ug/ml



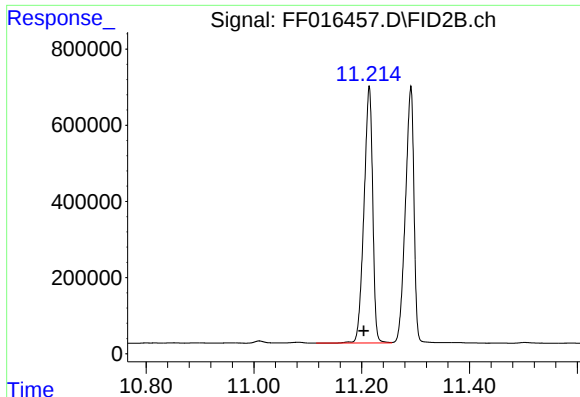
#7 Acenaphthene (C15.5)

R.T.: 9.014 min
Delta R.T.: 0.008 min
Response: 6899308
Conc: 48.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.805 min
Delta R.T.: 0.009 min
Response: 7660630
Conc: 53.03 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.214 min
Delta R.T.: 0.010 min
Response: 7532293
Conc: 51.64 ug/ml

Instrument :

FID_F

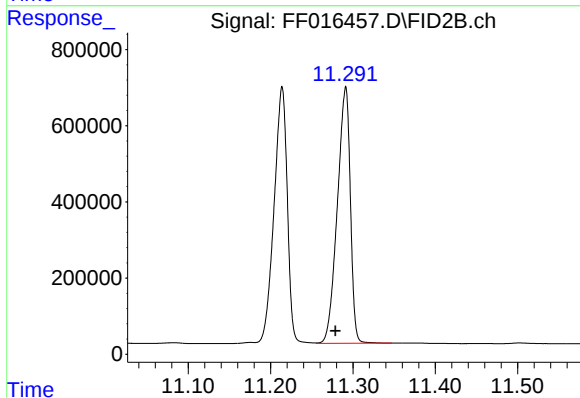
ClientSampleId :

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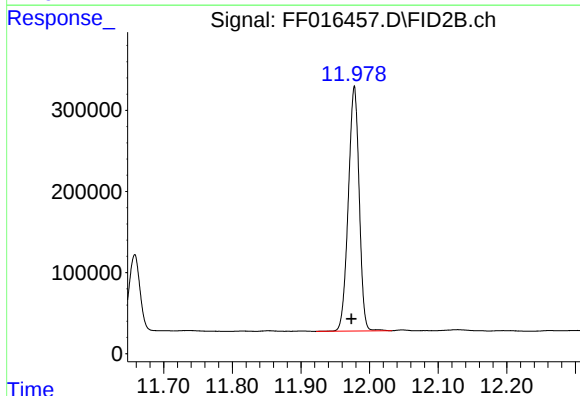
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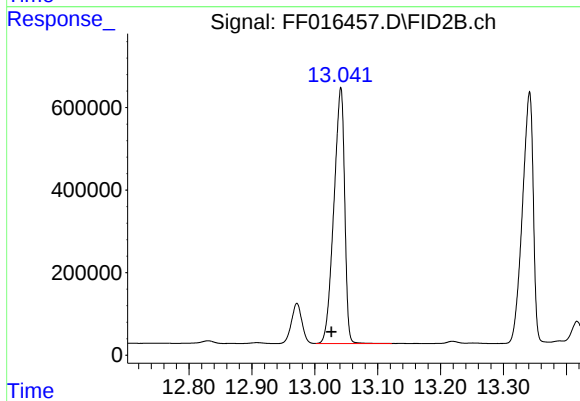
#10 Anthracene (C19.43)

R.T.: 11.291 min
Delta R.T.: 0.012 min
Response: 7384393
Conc: 51.61 ug/ml



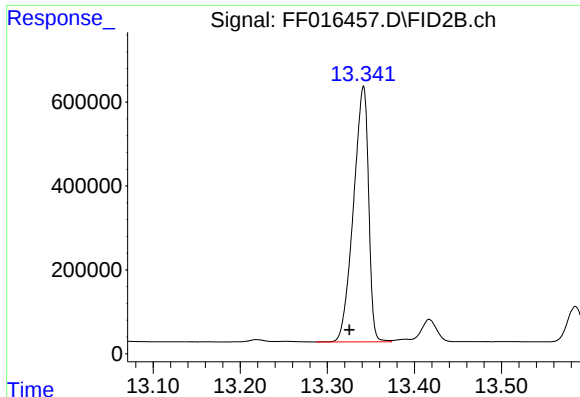
#11 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.004 min
Response: 3323140
Conc: 21.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.041 min
Delta R.T.: 0.014 min
Response: 7393452
Conc: 50.62 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.341 min
Delta R.T.: 0.016 min
Response: 7337324
Conc: 51.20 ug/ml

Instrument :

FID_F

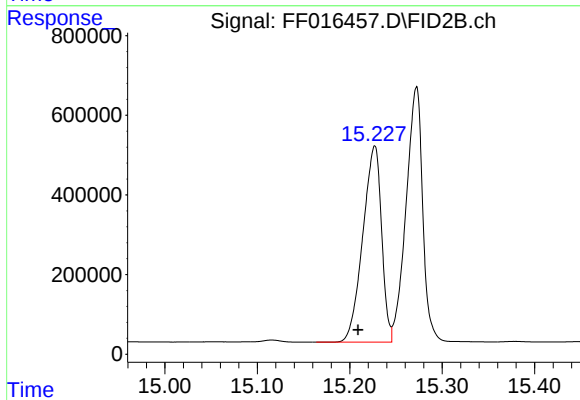
ClientSampleId :

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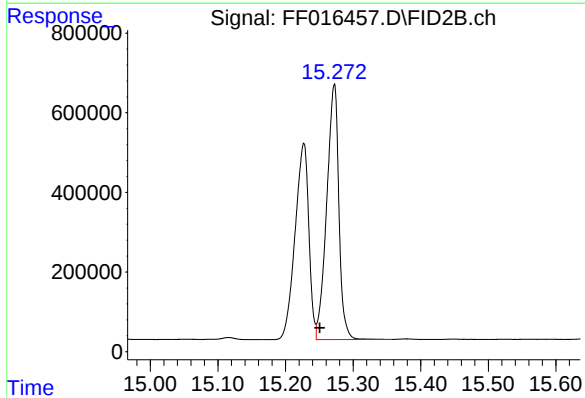
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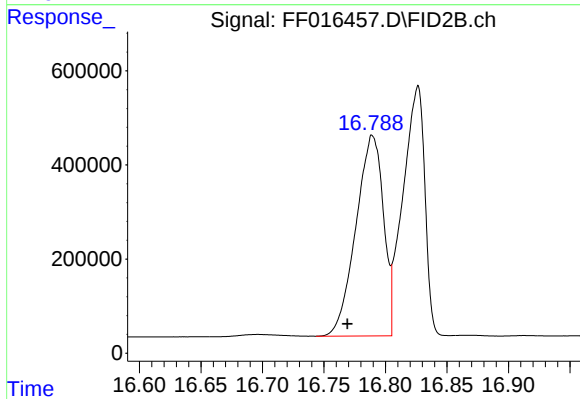
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.227 min
Delta R.T.: 0.018 min
Response: 6939738
Conc: 50.98 ug/ml



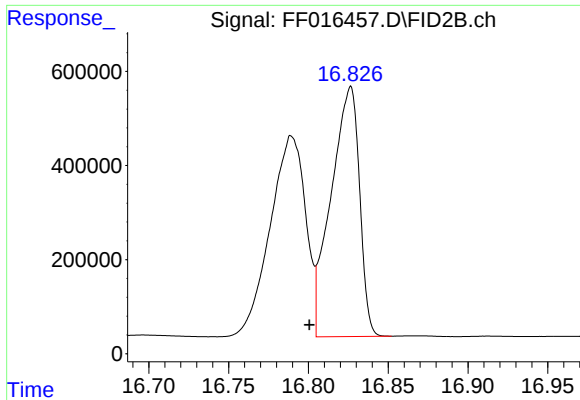
#15 Chrysene (C27.41)

R.T.: 15.272 min
Delta R.T.: 0.021 min
Response: 8021815
Conc: 56.24 ug/ml



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

R.T.: 16.789 min
Delta R.T.: 0.020 min
Response: 6646566
Conc: 50.58 ug/ml



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

R.T.: 16.826 min
Delta R.T.: 0.026 min
Response: 6557911
Conc: 52.10 ug/ml

Instrument :

FID_F

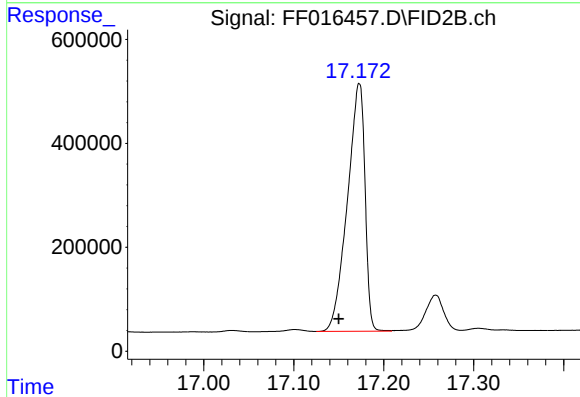
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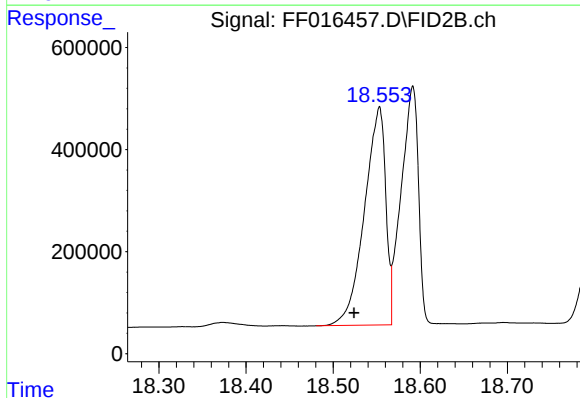
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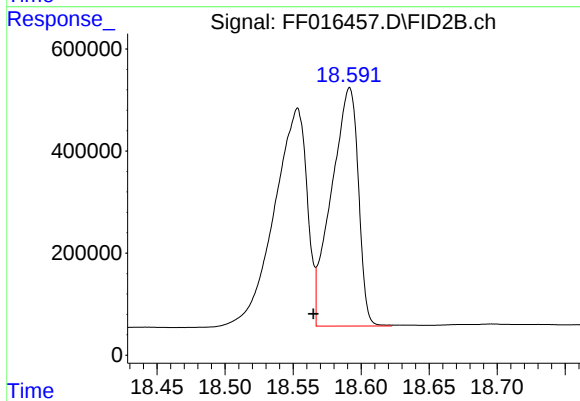
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.172 min
Delta R.T.: 0.022 min
Response: 6480260
Conc: 50.75 ug/ml



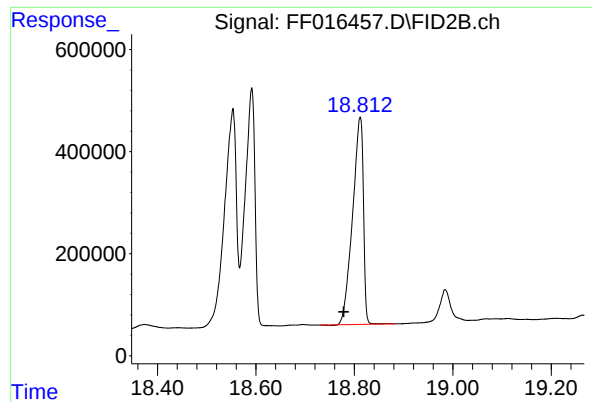
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.553 min
Delta R.T.: 0.028 min
Response: 7243231
Conc: 63.52 ug/ml



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

R.T.: 18.591 min
Delta R.T.: 0.026 min
Response: 6402448
Conc: 49.04 ug/ml m



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

R.T.: 18.811 min
Delta R.T.: 0.033 min
Response: 6180952
Conc: 50.19 ug/ml

Instrument :

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