

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012723AR\
 Data File : FD044911.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jan 2023 17:13
 Operator : YP/AJ
 Sample : PB150504BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150504BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2023
 Supervised By :Ankita Jodhani 01/30/2023

Integration File: autoint1.e
 Quant Time: Jan 28 00:49:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.561	7056143	48.112 ug/ml
Spiked Amount 50.000		Recovery =	96.22%
6) S 2-Fluorobiphenyl (SURR)	8.417	4482325	44.907 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.81%
11) S ortho-Terphenyl (SURR)	11.458	7322946	39.400 ug/ml
Spiked Amount 50.000		Recovery =	78.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	4938747	30.939 ug/ml
2) T Naphthalene (C11.7)	5.898	5639257	33.283 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	5656664	32.972 ug/ml
5) T Acenaphthylene (C15.06)	8.221	6255314	39.807 ug/ml
7) T Acenaphthene (C15.5)	8.517	6381848	38.383 ug/ml
8) T Flouorene (C16.55)	9.296	6512118	39.675 ug/ml
9) T Phenanthrene (C19.36)	10.688	6697281	41.422 ug/ml
10) T Anthracene (C19.43)	10.763	6574513	44.348 ug/ml
12) T Fluoranthene (C21.85)	12.494	6741813	42.125 ug/ml
13) T Pyrene (C20.8)	12.789	6720510	42.829 ug/ml
14) T Benzo[a]anthracene (C...	14.654	6229071	43.644 ug/ml
15) T Chrysene (C27.41)	14.698	6944976	46.906 ug/mlm
16) T benzo[b]fluoranthene ...	16.197	6176783	42.578 ug/ml
17) T Bnezo[k]fluoranthene ...	16.232	5809431	40.747 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.573	5419442	38.783 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.932	5518042	41.005 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	5226881	39.443 ug/ml
21) T Benzo[g,h,i]perylene ...	18.188	5492877	40.399 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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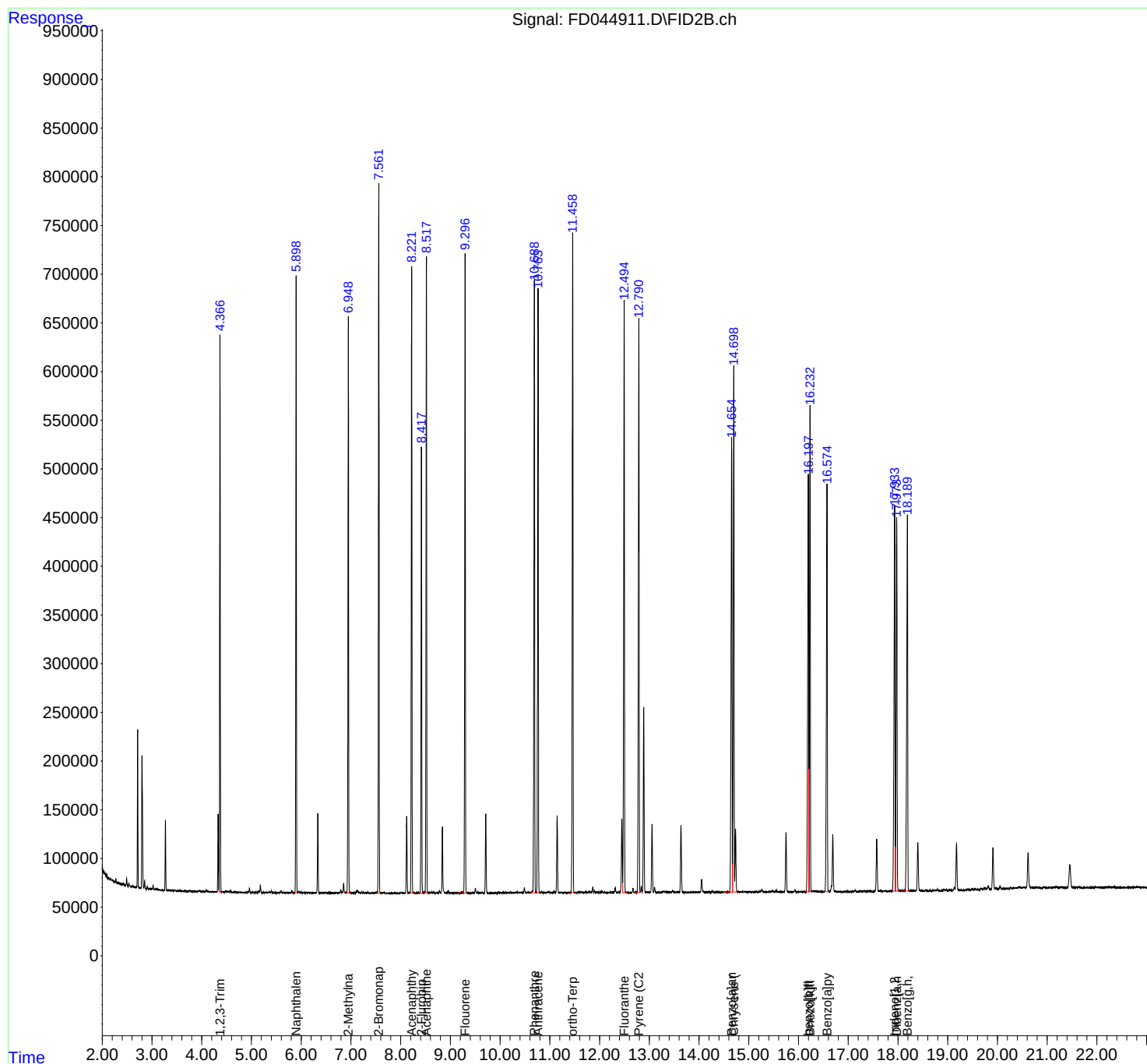
Instrument :
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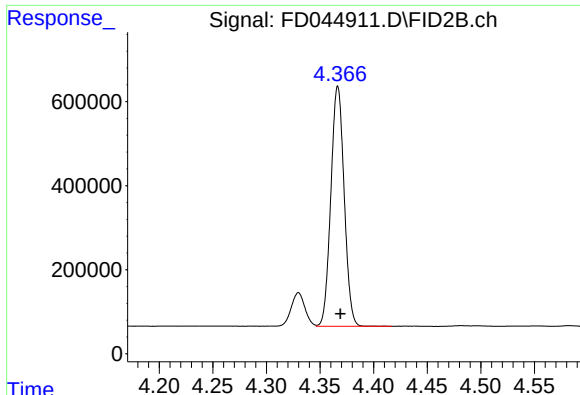
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 4938747
Conc: 30.94 ug/ml

Instrument :

FID_D

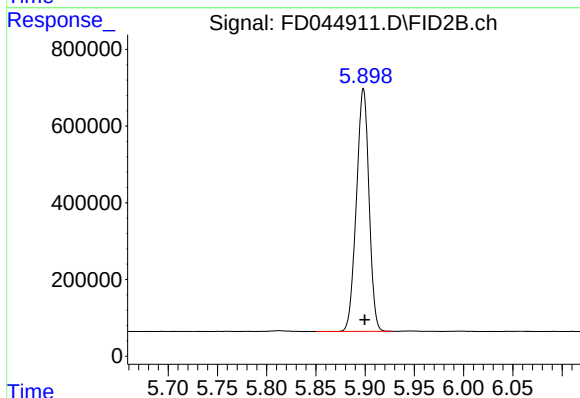
ClientSampleId :

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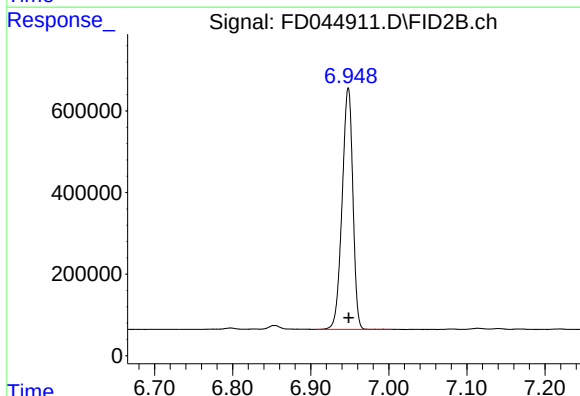
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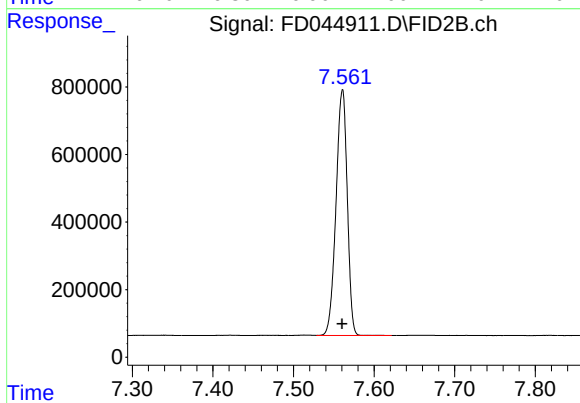
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 5639257
Conc: 33.28 ug/ml



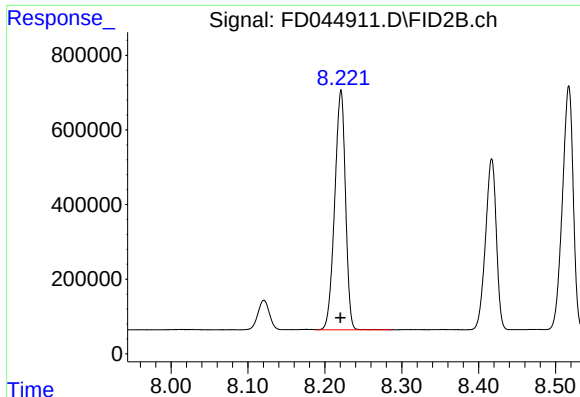
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 5656664
Conc: 32.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 7056143
Conc: 48.11 ug/ml



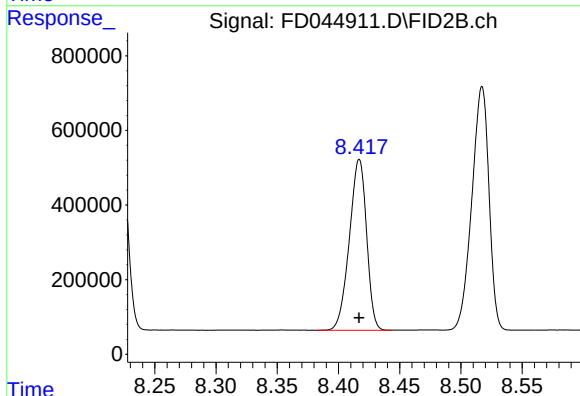
#5 Acenaphthylene (C15.06)

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 6255314
Conc: 39.81 ug/ml

Instrument :
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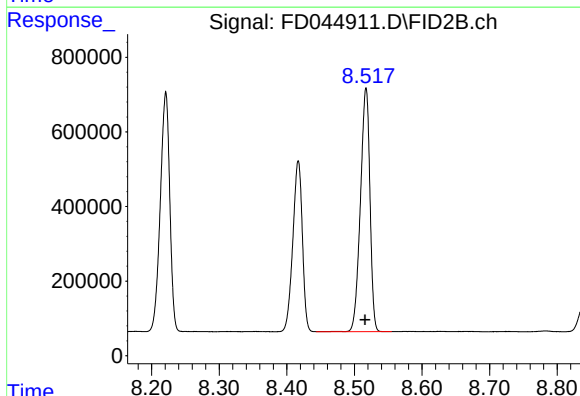
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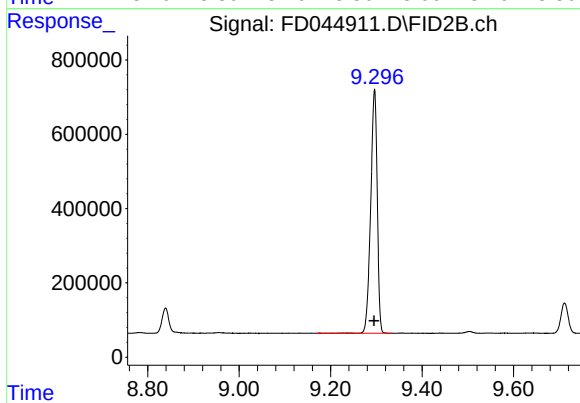
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 4482325
Conc: 44.91 ug/ml



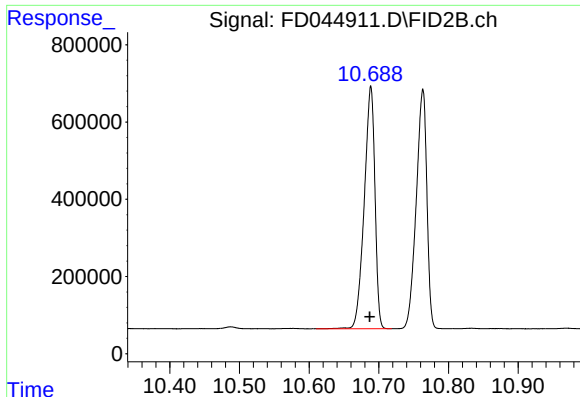
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: 0.001 min
Response: 6381848
Conc: 38.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 6512118
Conc: 39.68 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.688 min
Delta R.T.: 0.001 min
Response: 6697281
Conc: 41.42 ug/ml

Instrument :

FID_D

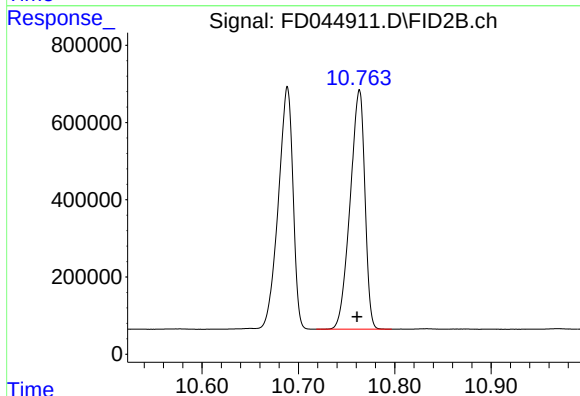
ClientSampleId :

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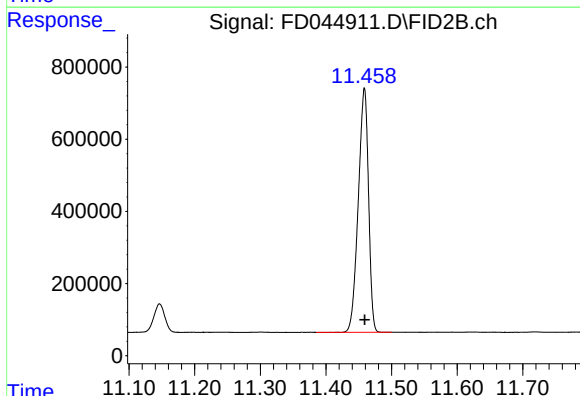
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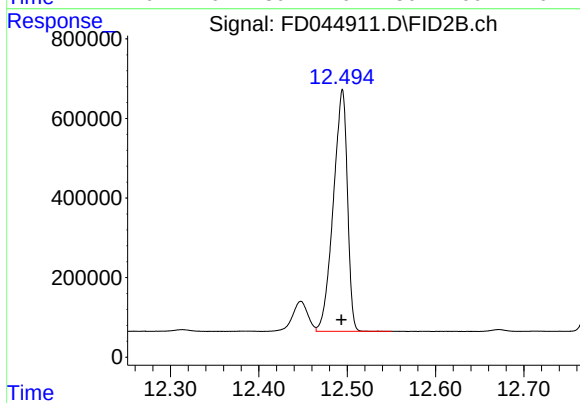
#10 Anthracene (C19.43)

R.T.: 10.763 min
Delta R.T.: 0.002 min
Response: 6574513
Conc: 44.35 ug/ml



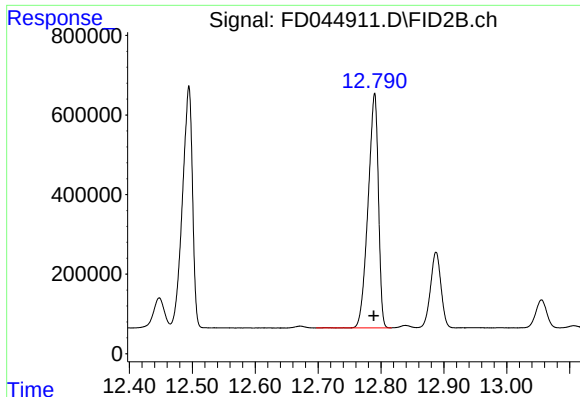
#11 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: 0.000 min
Response: 7322946
Conc: 39.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.494 min
Delta R.T.: 0.000 min
Response: 6741813
Conc: 42.13 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.789 min
Delta R.T.: 0.000 min
Response: 6720510
Conc: 42.83 ug/ml

Instrument :

FID_D

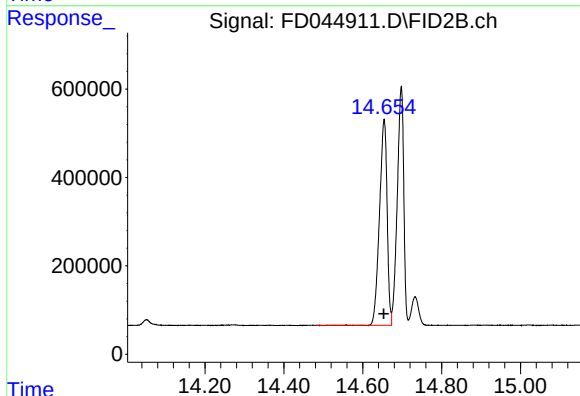
ClientSampleId :

PB150504BS

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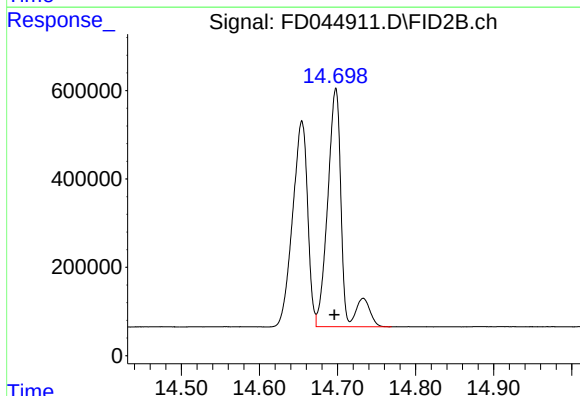
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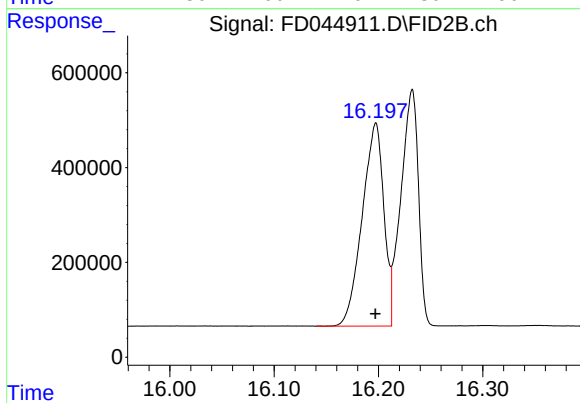
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.654 min
Delta R.T.: 0.000 min
Response: 6229071
Conc: 43.64 ug/ml



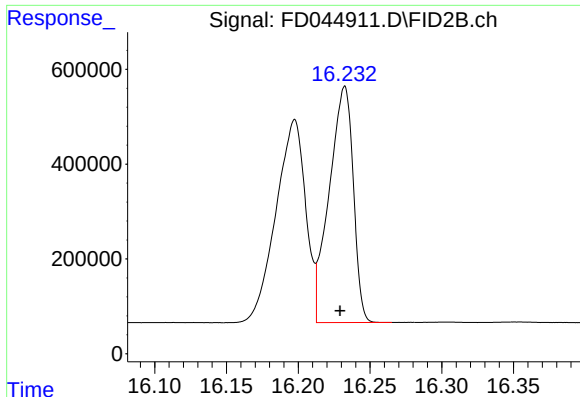
#15 Chrysene (C27.41)

R.T.: 14.698 min
Delta R.T.: 0.002 min
Response: 6944976
Conc: 46.91 ug/ml m



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

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 6176783
Conc: 42.58 ug/ml



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

R.T.: 16.232 min
Delta R.T.: 0.003 min
Response: 5809431
Conc: 40.75 ug/ml

Instrument :

FID_D

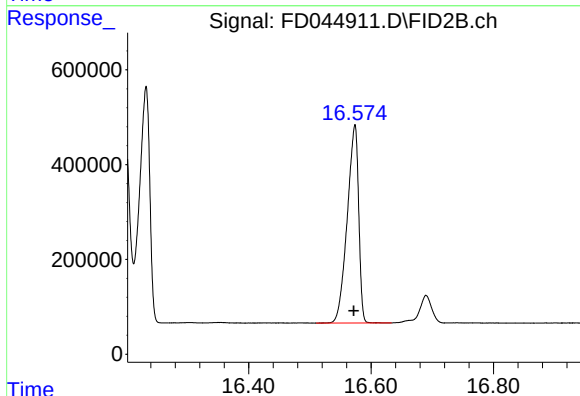
ClientSampleId :

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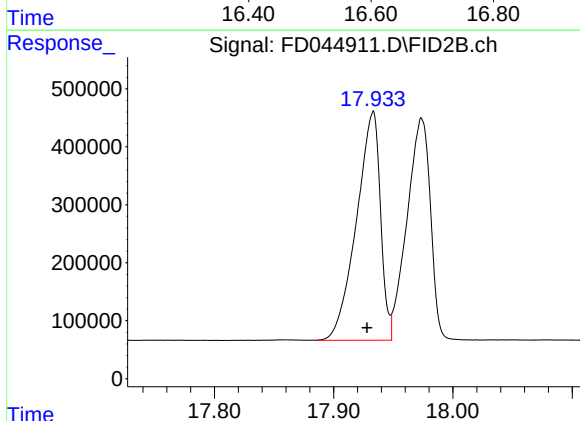
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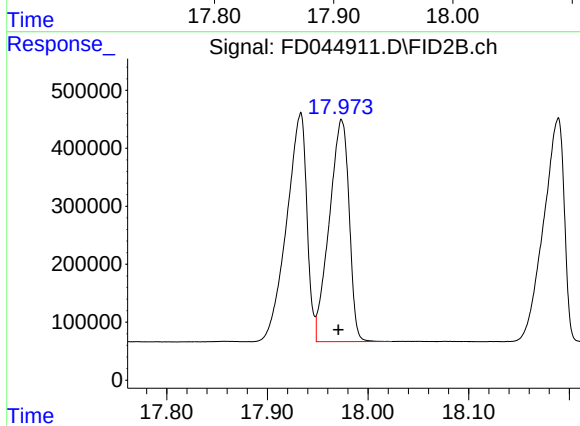
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: 0.001 min
Response: 5419442
Conc: 38.78 ug/ml



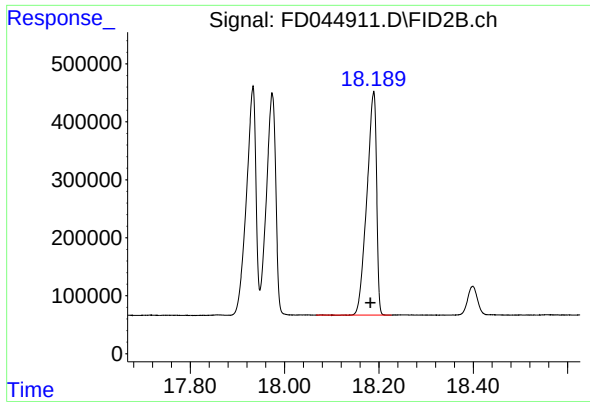
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.932 min
Delta R.T.: 0.004 min
Response: 5518042
Conc: 41.00 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.003 min
Response: 5226881
Conc: 39.44 ug/ml



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

R.T.: 18.188 min
Delta R.T.: 0.006 min
Response: 5492877
Conc: 40.40 ug/ml

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