

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046035.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 18:00
 Operator : YP/AJ
 Sample : 03362-16MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EPH-SB-19-20MSD

Integration File: autoint1.e
 Quant Time: Jun 29 02:15:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.519	8181605	37.966 ug/ml
Spiked Amount 50.000		Recovery =	75.93%
6) S 2-Fluorobiphenyl (SURR)	8.375	4783988	34.566 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.13%
11) S ortho-Terphenyl (SURR)	11.415	7473929	29.480 ug/ml
Spiked Amount 50.000		Recovery =	58.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	5044847	20.252 ug/ml
2) T Naphthalene (C11.7)	5.857	6242083	24.467 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	6532507	25.913 ug/ml
5) T Acenaphthylene (C15.06)	8.178	6847908	31.528 ug/ml
7) T Acenaphthene (C15.5)	8.475	7005562	29.720 ug/ml
8) T Fluorene (C16.55)	9.253	7298583	32.258 ug/ml
9) T Phenanthrene (C19.36)	10.647	10064815	47.169 ug/ml
10) T Anthracene (C19.43)	10.721	7419292	46.693 ug/ml
12) T Fluoranthene (C21.85)	12.457	12708038	62.096 ug/ml
13) T Pyrene (C20.8)	12.751	11293144	58.082 ug/ml
14) T Benzo[a]anthracene (C...	14.613	8230170	45.762 ug/ml
15) T Chrysene (C27.41)	14.658	8829471	44.985 ug/ml
16) T benzo[b]fluoranthene ...	16.162	9214344	49.128 ug/ml
17) T Bnezo[k]fluoranthene ...	16.193	6240222	31.547 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.535	6777545	38.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.893	6070198	32.617 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	5269380	28.661 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	5526992	29.580 ug/ml

(f)=RT Delta > 1/2 Window

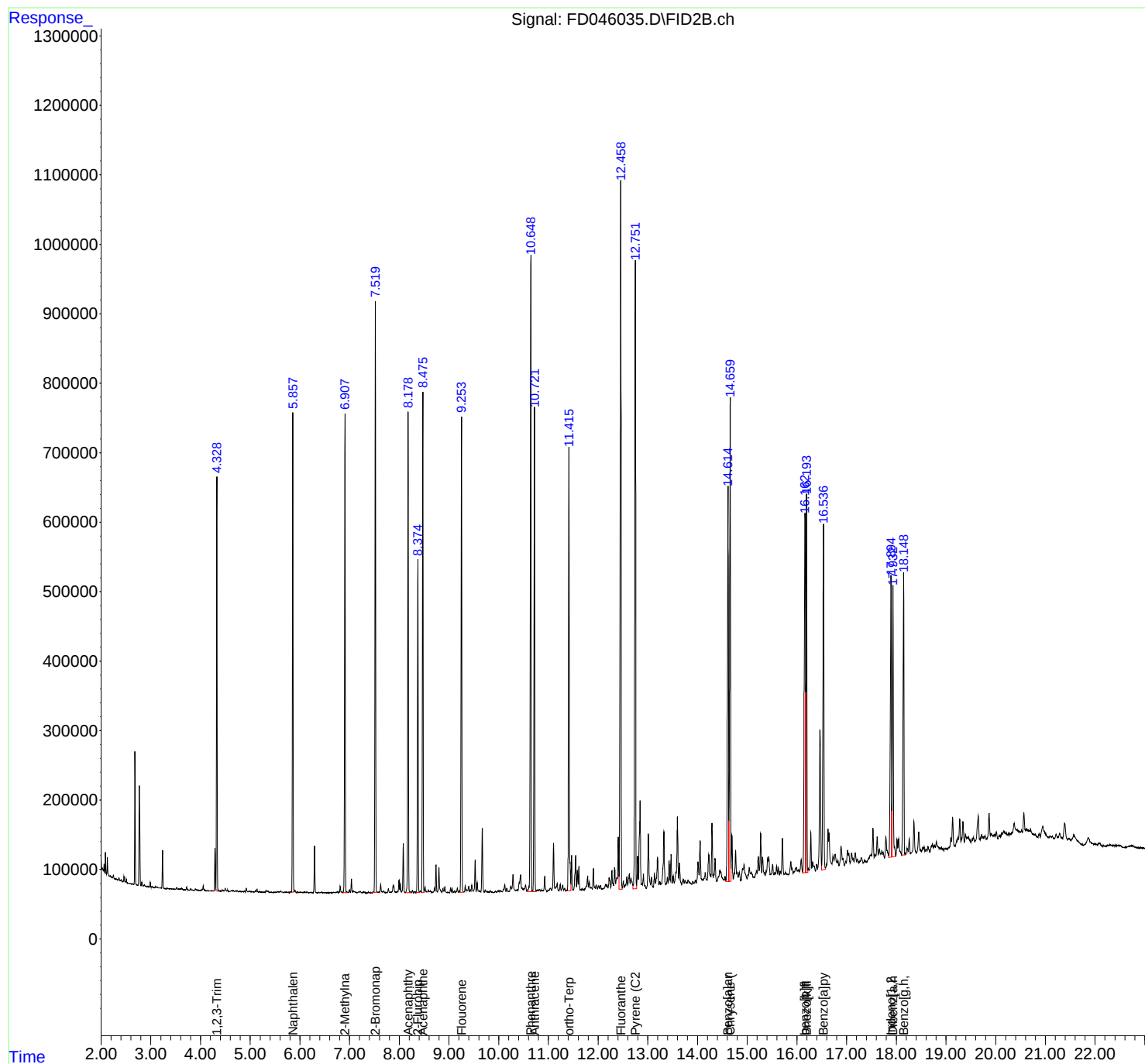
(m)=manual int.

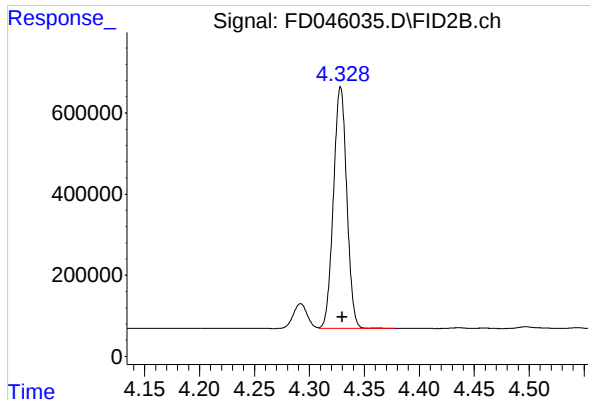
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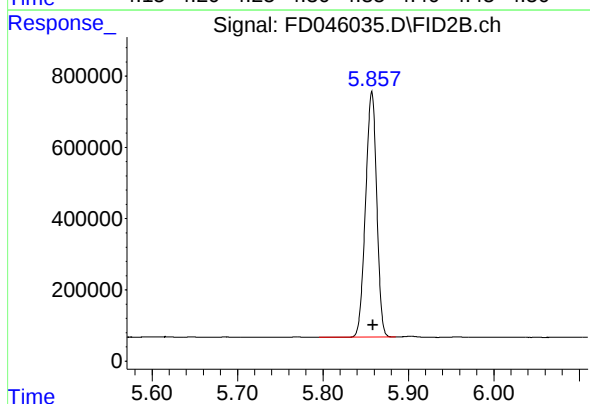




#1 1,2,3-Trimethylbenzene (C10.1)

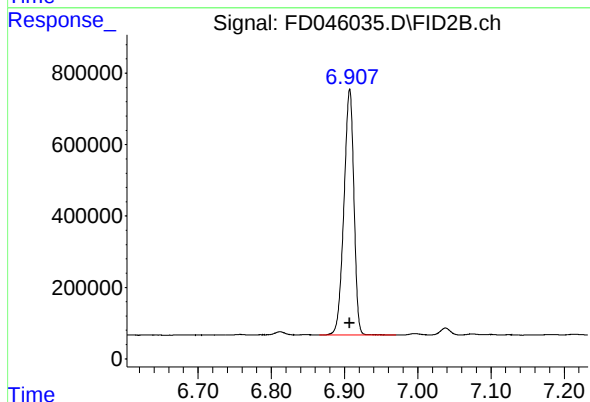
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 5044847
Conc: 20.25 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-SB-19-20MSD



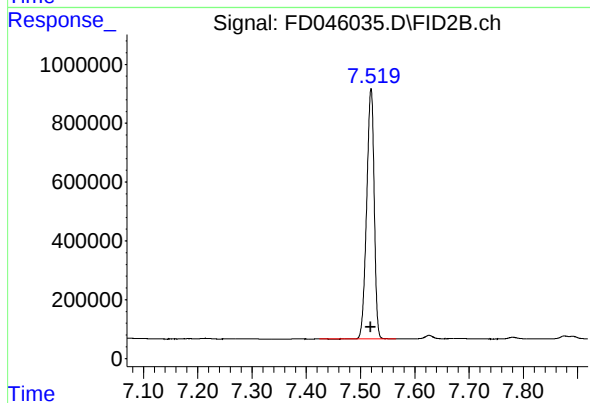
#2 Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.001 min
Response: 6242083
Conc: 24.47 ug/ml



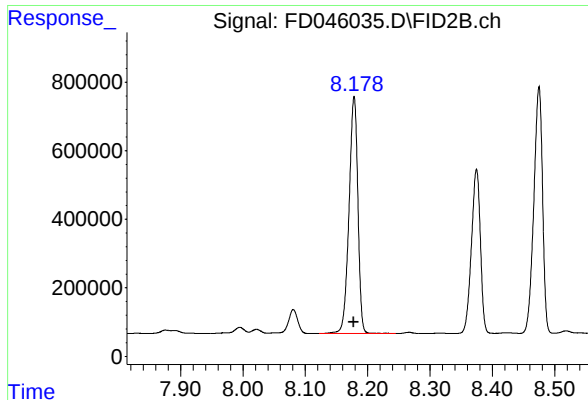
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 6532507
Conc: 25.91 ug/ml



#4 2-Bromonaphthalene (SURR)

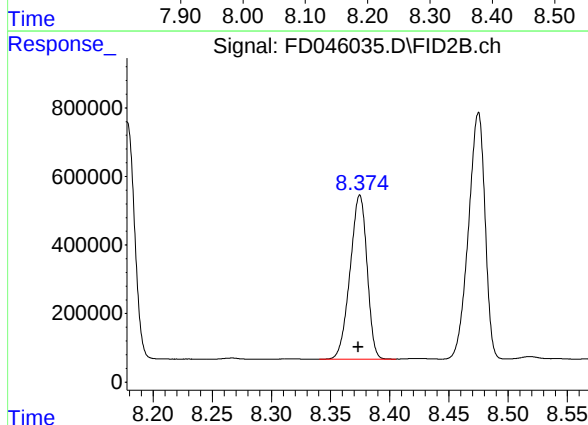
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 8181605
Conc: 37.97 ug/ml



#5 Acenaphthylene (C15.06)

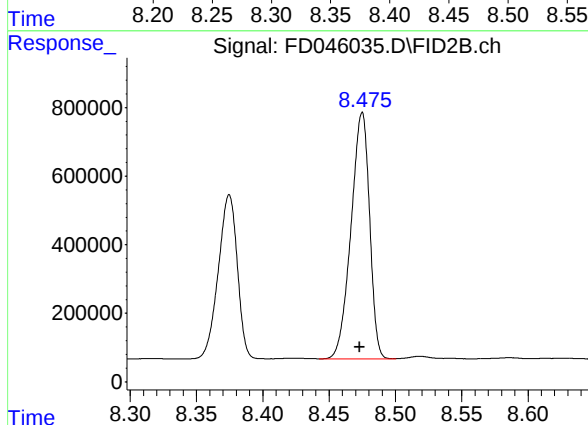
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 6847908
Conc: 31.53 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-SB-19-20MSD



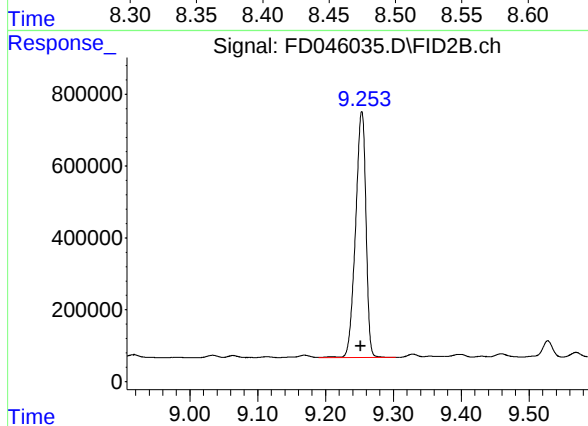
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: 0.001 min
Response: 4783988
Conc: 34.57 ug/ml



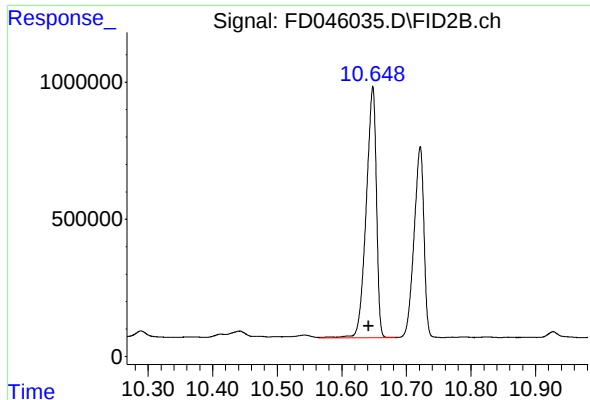
#7 Acenaphthene (C15.5)

R.T.: 8.475 min
Delta R.T.: 0.002 min
Response: 7005562
Conc: 29.72 ug/ml



#8 Flouorene (C16.55)

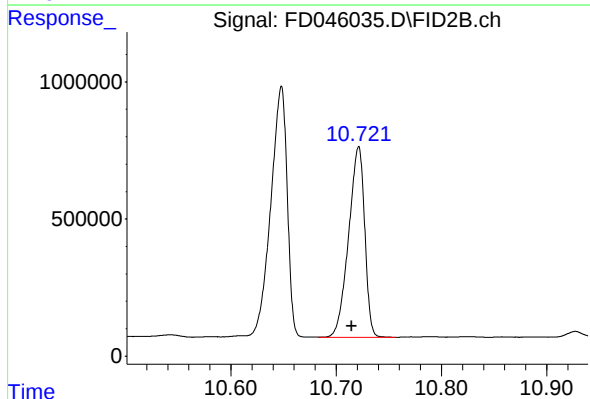
R.T.: 9.253 min
Delta R.T.: 0.001 min
Response: 7298583
Conc: 32.26 ug/ml



#9 Phenanthrene (C19.36)

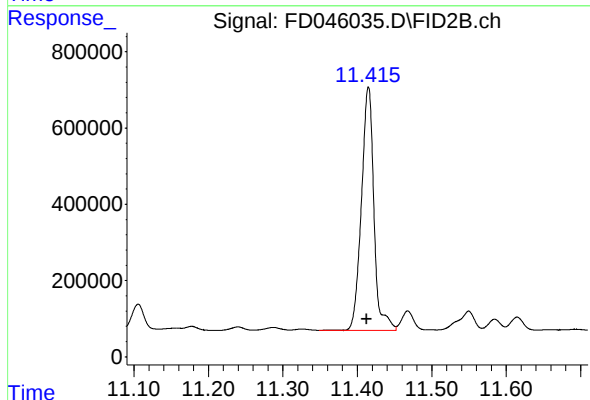
R.T.: 10.647 min
Delta R.T.: 0.006 min
Response: 10064815
Conc: 47.17 ug/ml

Instrument :
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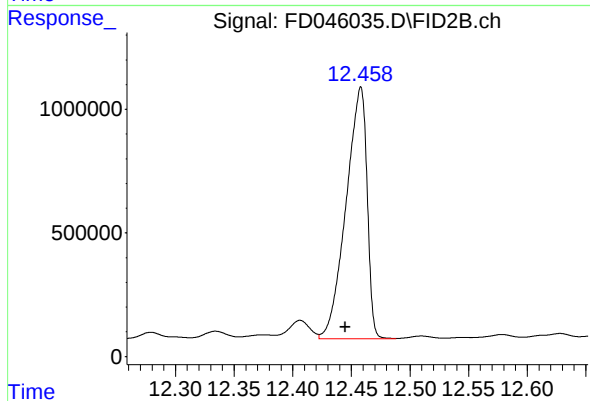
#10 Anthracene (C19.43)

R.T.: 10.721 min
Delta R.T.: 0.006 min
Response: 7419292
Conc: 46.69 ug/ml



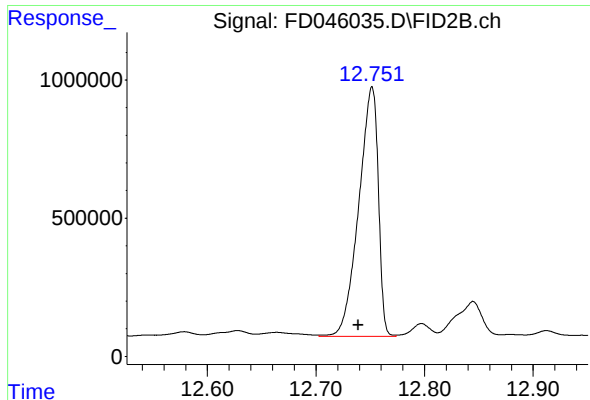
#11 ortho-Terphenyl (SURRE)

R.T.: 11.415 min
Delta R.T.: 0.002 min
Response: 7473929
Conc: 29.48 ug/ml



#12 Fluoranthene (C21.85)

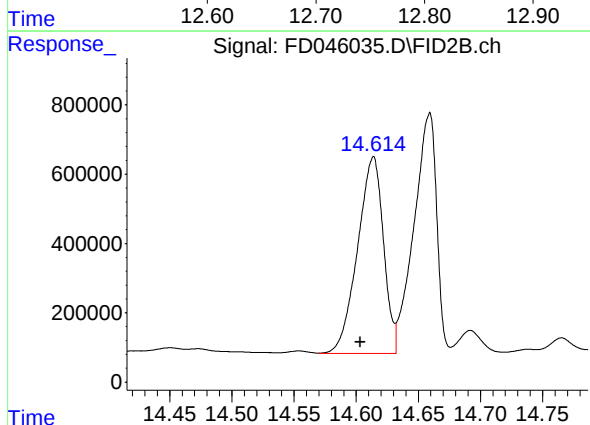
R.T.: 12.457 min
Delta R.T.: 0.012 min
Response: 12708038
Conc: 62.10 ug/ml



#13 Pyrene (C20.8)

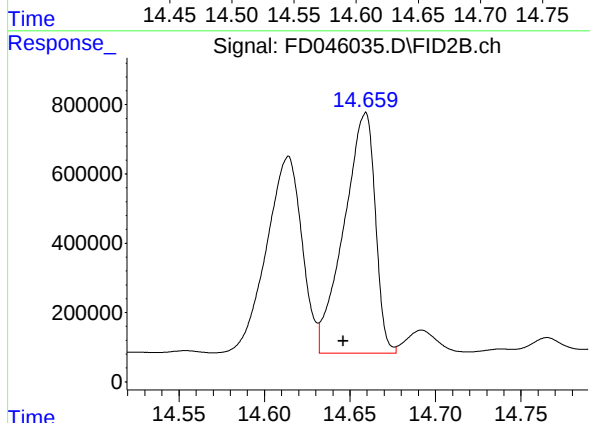
R.T.: 12.751 min
Delta R.T.: 0.012 min
Response: 11293144
Conc: 58.08 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-SB-19-20MSD



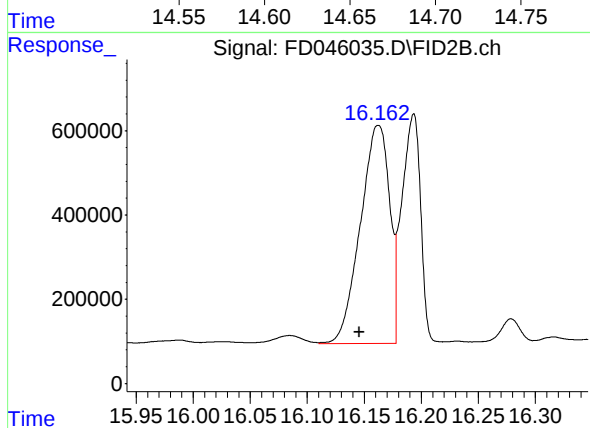
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min
Delta R.T.: 0.010 min
Response: 8230170
Conc: 45.76 ug/ml



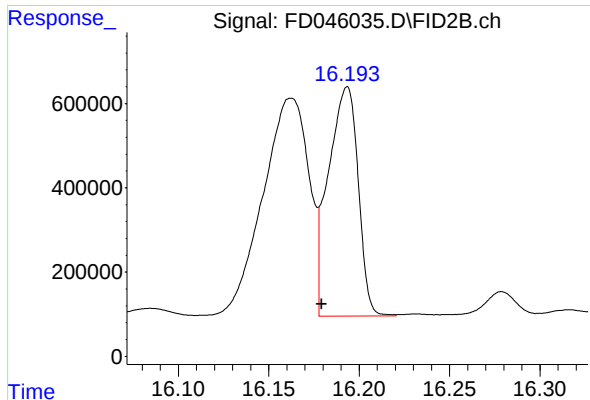
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: 0.012 min
Response: 8829471
Conc: 44.99 ug/ml



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

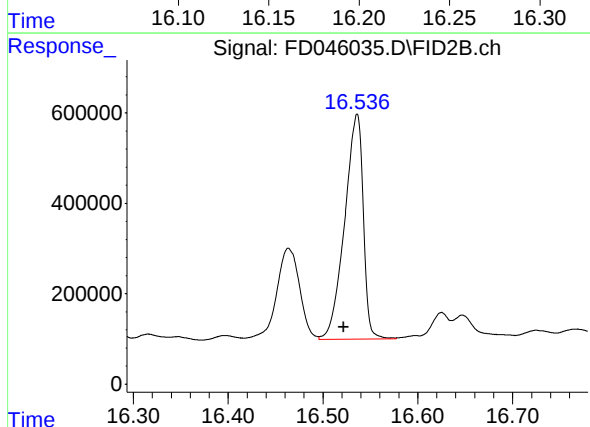
R.T.: 16.162 min
Delta R.T.: 0.017 min
Response: 9214344
Conc: 49.13 ug/ml



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

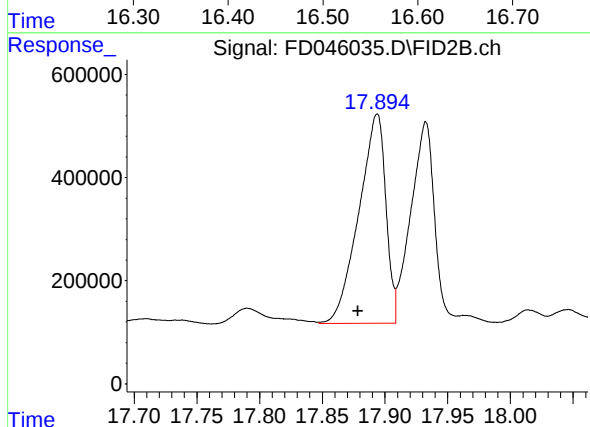
R.T.: 16.193 min
Delta R.T.: 0.013 min
Response: 624022
Conc: 31.55 ug/ml

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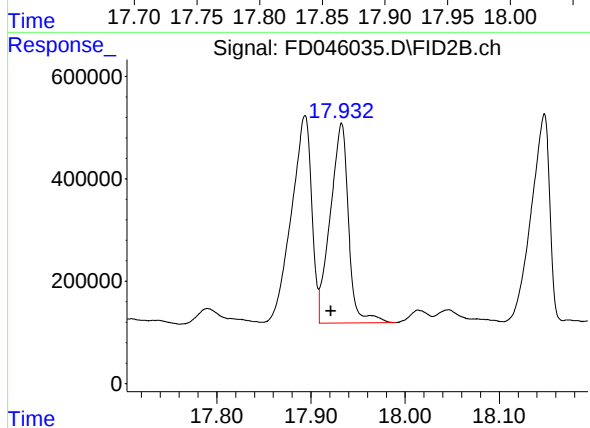
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.535 min
Delta R.T.: 0.013 min
Response: 677754
Conc: 38.90 ug/ml



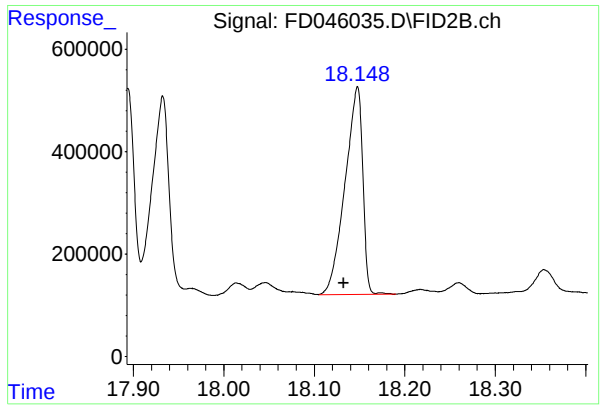
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min
Delta R.T.: 0.015 min
Response: 607019
Conc: 32.62 ug/ml



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

R.T.: 17.932 min
Delta R.T.: 0.011 min
Response: 526938
Conc: 28.66 ug/ml



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

R.T.: 18.147 min
Delta R.T.: 0.014 min
Response: 5526992
Conc: 29.58 ug/ml

Instrument :

FID_D

ClientSampleId :

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