

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045974.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 20:50
 Operator : YP/AJ
 Sample : 03357-22
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 02:48:02 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...	7.523	11375126	52.785 ug/ml
Spiked Amount 50.000		Recovery =	105.57%
6) S 2-Fluorobiphenyl (SURR)	8.379	7577397	54.749 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.50%
11) S ortho-Terphenyl (SURR)	11.419	8839783	34.868 ug/ml
Spiked Amount 50.000		Recovery =	69.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	91171	0.366 ug/ml
2) T Naphthalene (C11.7)	5.858	122622	0.481 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	2922034	11.591 ug/ml
5) T Acenaphthylene (C15.06)	8.180	1370437	6.310 ug/ml
7) T Acenaphthene (C15.5)	8.466	1787591	7.583 ug/ml
8) T Fluorene (C16.55)	9.249	706625	3.123 ug/ml
9) T Phenanthrene (C19.36)	10.642	1094498	5.129 ug/ml
10) T Anthracene (C19.43)	10.730	1361796	8.570 ug/ml
12) T Fluoranthene (C21.85)	12.452	1310600	6.404 ug/ml
13) T Pyrene (C20.8)	12.746	3046294	15.667 ug/ml
14) T Benzo[a]anthracene (C...	14.615	11044982	61.414 ug/ml
15) T Chrysene (C27.41)	14.673	10099291	51.455 ug/ml
16) T benzo[b]fluoranthene ...	16.115	16563077	88.310 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	18817959	95.133 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.509	4781417	27.443 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.894	2311663	12.421 ug/ml
20) T Dibenz[a,h]anthracene...	17.929	3289556	17.892 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	3468814	18.565 ug/ml

(f)=RT Delta > 1/2 Window

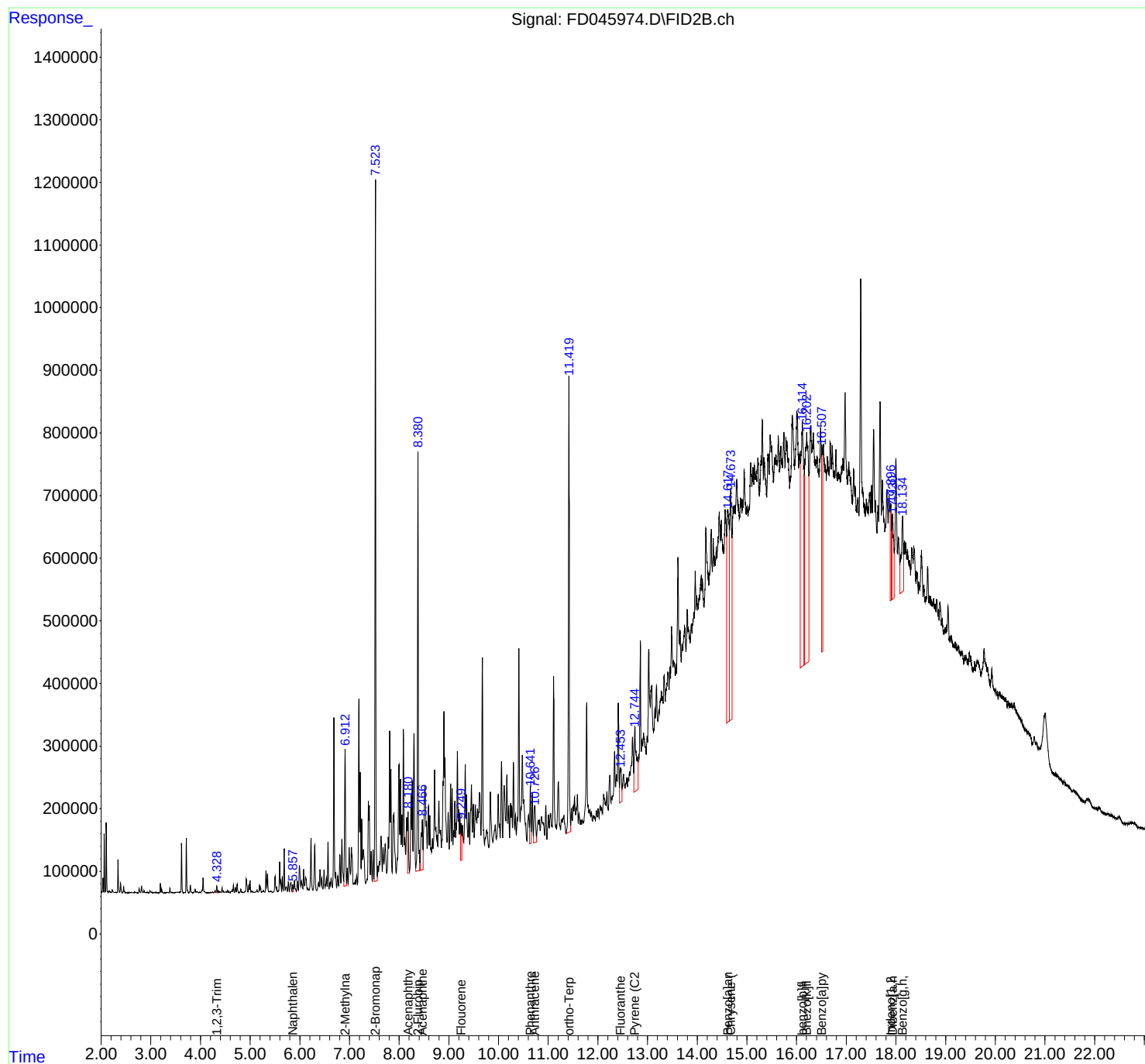
(m)=manual int.

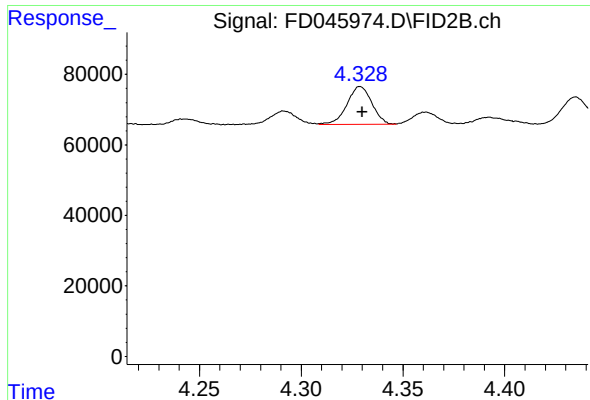
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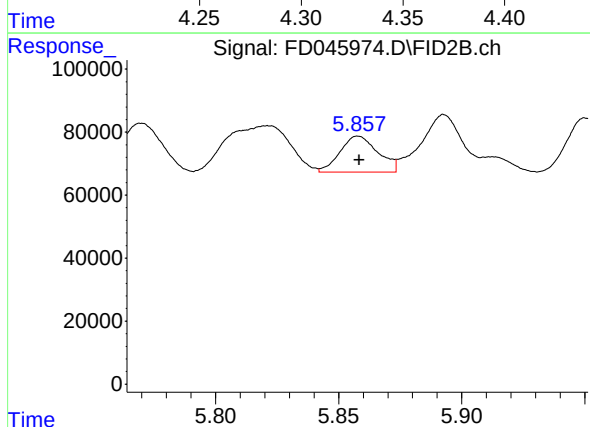




#1 1,2,3-Trimethylbenzene (C10.1)

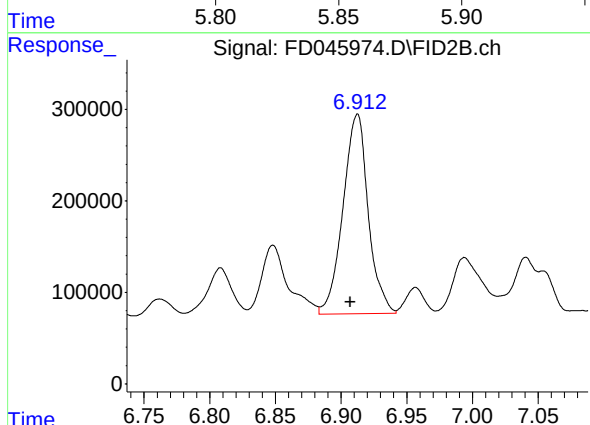
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 91171
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



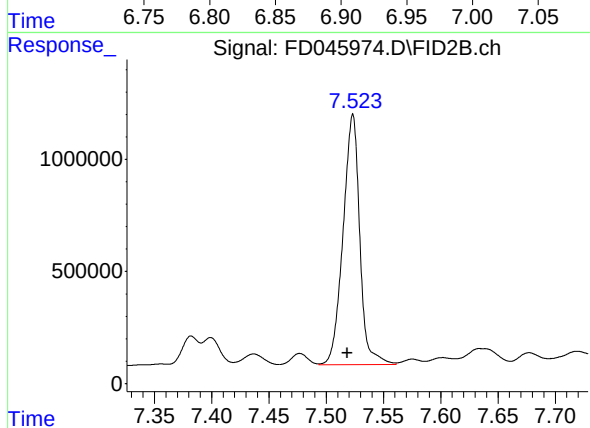
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 122622
Conc: 0.48 ug/ml



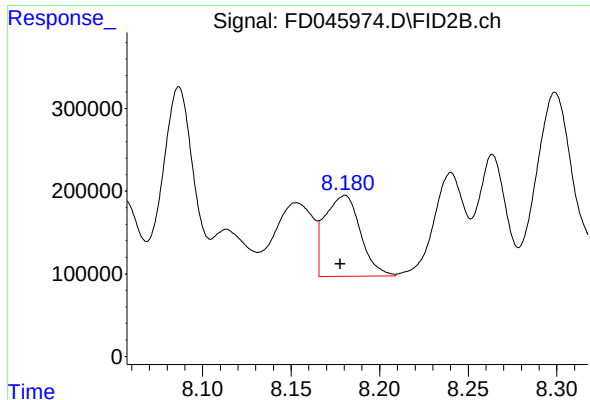
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: 0.005 min
Response: 2922034
Conc: 11.59 ug/ml



#4 2-Bromonaphthalene (SURR)

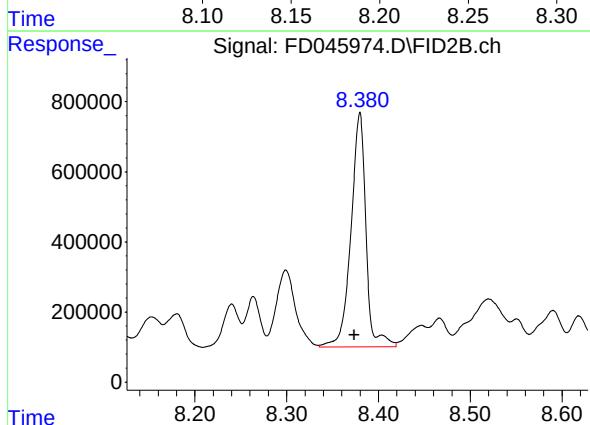
R.T.: 7.523 min
Delta R.T.: 0.005 min
Response: 11375126
Conc: 52.79 ug/ml



#5 Acenaphthylene (C15.06)

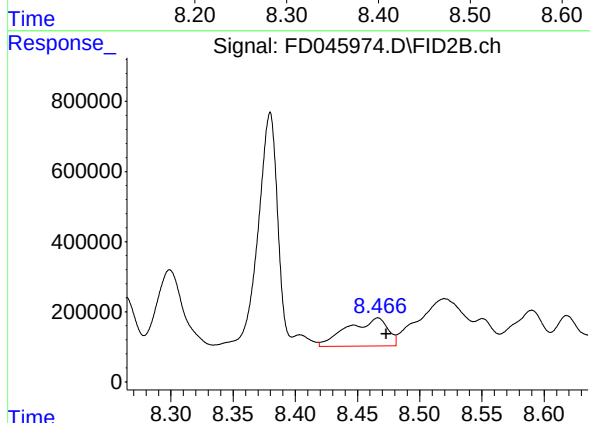
R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 1370437
Conc: 6.31 ug/ml

Instrument :
FID_D
ClientSampleId :



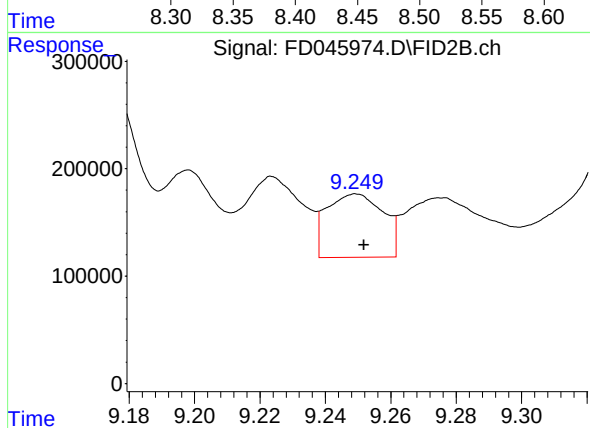
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: 0.006 min
Response: 7577397
Conc: 54.75 ug/ml



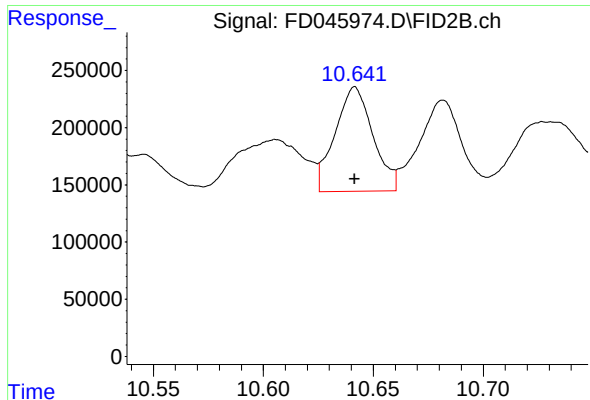
#7 Acenaphthene (C15.5)

R.T.: 8.466 min
Delta R.T.: -0.007 min
Response: 1787591
Conc: 7.58 ug/ml



#8 Flouorene (C16.55)

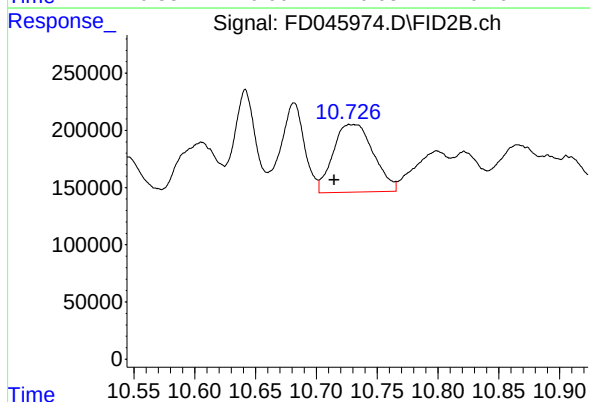
R.T.: 9.249 min
Delta R.T.: -0.003 min
Response: 706625
Conc: 3.12 ug/ml



#9 Phenanthrene (C19.36)

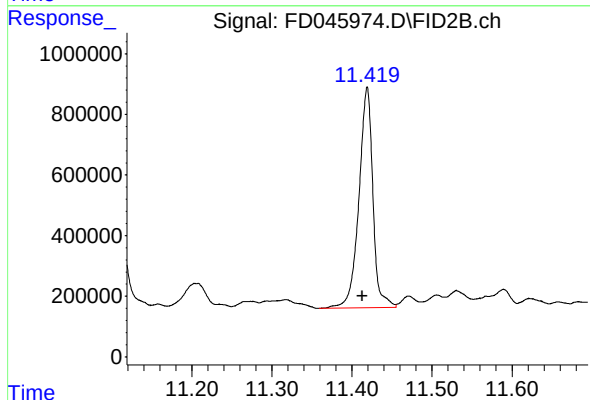
R.T.: 10.642 min
Delta R.T.: 0.000 min
Response: 1094498
Conc: 5.13 ug/ml

Instrument :
FID_D
ClientSampleId :



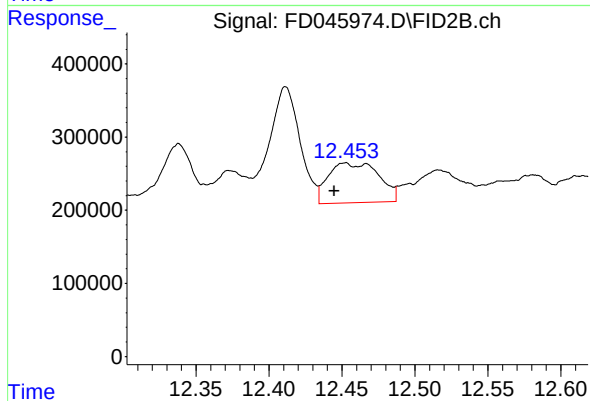
#10 Anthracene (C19.43)

R.T.: 10.730 min
Delta R.T.: 0.015 min
Response: 1361796
Conc: 8.57 ug/ml



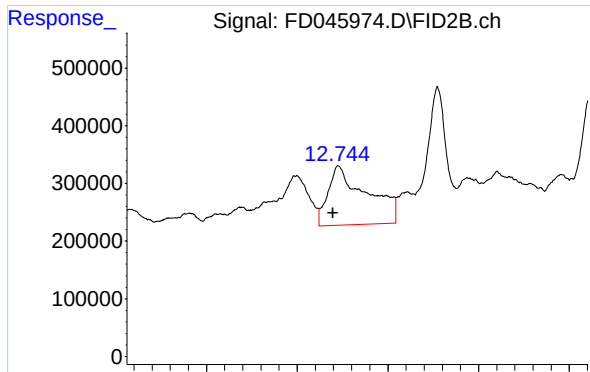
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: 0.006 min
Response: 8839783
Conc: 34.87 ug/ml



#12 Fluoranthene (C21.85)

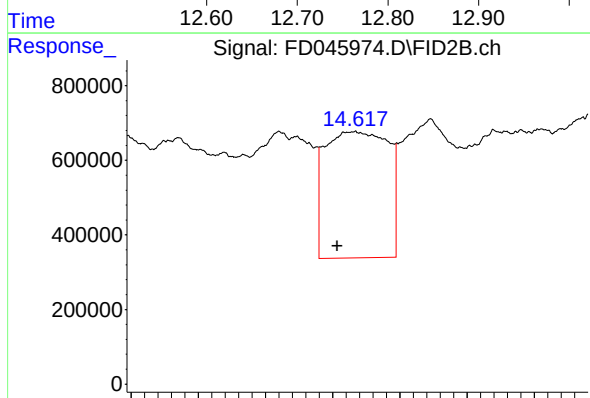
R.T.: 12.452 min
Delta R.T.: 0.007 min
Response: 1310600
Conc: 6.40 ug/ml



#13 Pyrene (C20.8)

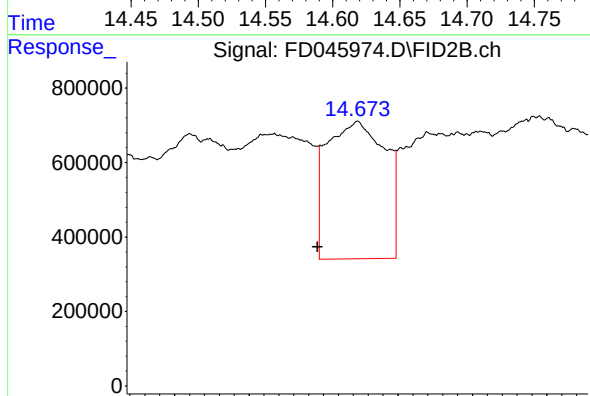
R.T.: 12.746 min
Delta R.T.: 0.007 min
Response: 3046294
Conc: 15.67 ug/ml

Instrument :
FID_D
ClientSampleId :



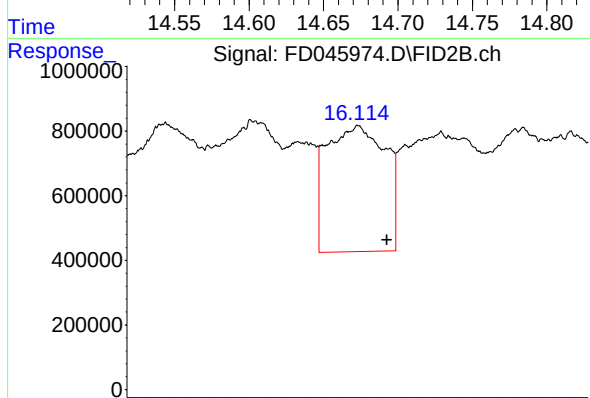
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.615 min
Delta R.T.: 0.012 min
Response: 11044982
Conc: 61.41 ug/ml



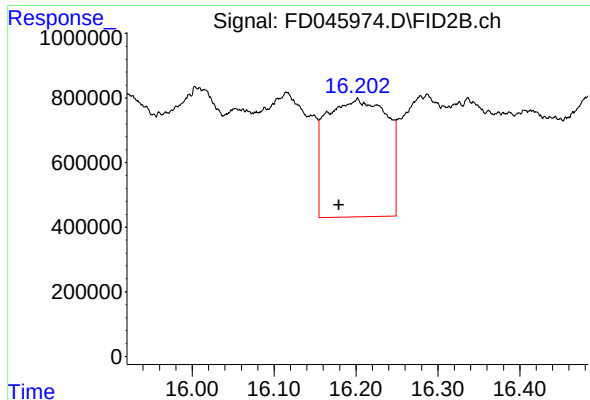
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: 0.026 min
Response: 10099291
Conc: 51.45 ug/ml



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

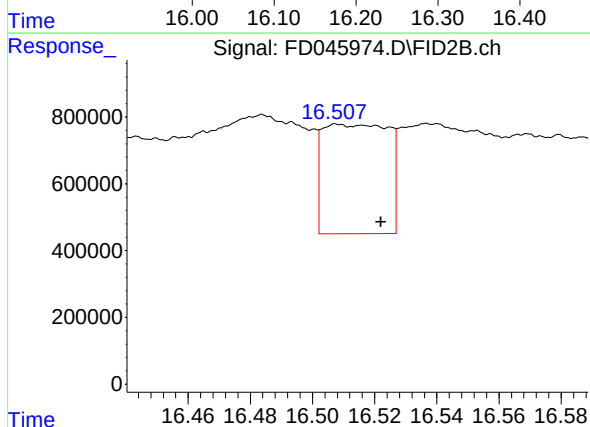
R.T.: 16.115 min
Delta R.T.: -0.030 min
Response: 16563077
Conc: 88.31 ug/ml



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

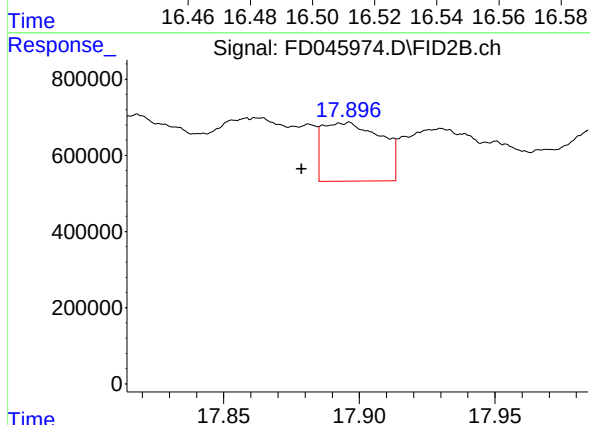
R.T.: 16.201 min
Delta R.T.: 0.022 min
Response: 18817959
Conc: 95.13 ug/ml

Instrument :
FID_D
ClientSampleId :



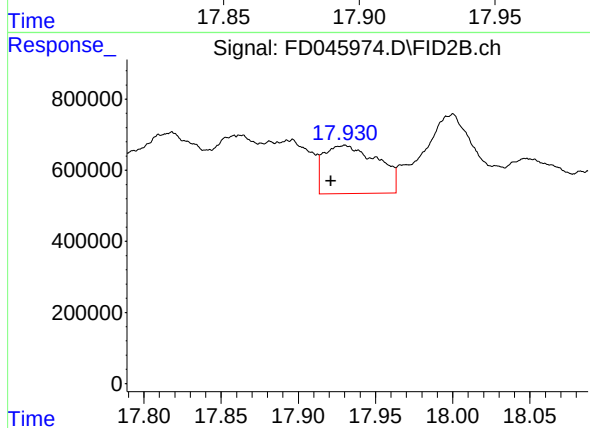
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.509 min
Delta R.T.: -0.013 min
Response: 4781417
Conc: 27.44 ug/ml



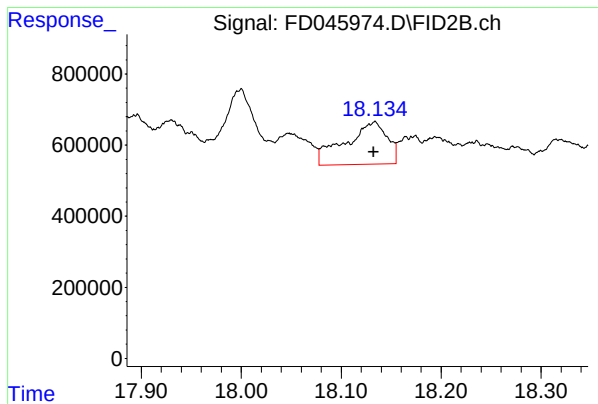
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min
Delta R.T.: 0.015 min
Response: 2311663
Conc: 12.42 ug/ml



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

R.T.: 17.929 min
Delta R.T.: 0.008 min
Response: 3289556
Conc: 17.89 ug/ml



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

R.T.: 18.133 min
Delta R.T.: 0.000 min
Response: 3468814
Conc: 18.56 ug/ml

Instrument :
FID_D
ClientSampleId :