

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043172.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 03:39
 Operator : YP/AJ
 Sample : N3564-29D
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 06 05:30:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.632	6382207	41.333 ug/ml
Spiked Amount 50.000		Recovery =	82.67%
6) S 2-Fluorobiphenyl (SURR)	8.498	3989245	37.822 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.64%
11) S ortho-Terphenyl (SURR)	11.547	5186767	28.538 ug/ml
Spiked Amount 50.000		Recovery =	57.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	71563	0.426 ug/ml
2) T Naphthalene (C11.7)	5.968	136466	0.779 ug/ml
3) T 2-Methylnaphthalene (...)	7.021	668609	4.157 ug/ml
5) T Acenaphthylene (C15.06)	8.284	1908233	10.736 ug/ml
7) T Acenaphthene (C15.5)	8.608	591994	3.381 ug/ml
8) T Fluorene (C16.55)	9.378	646541	3.730 ug/ml
9) T Phenanthrene (C19.36)	10.778	2785671	16.242 ug/ml
10) T Anthracene (C19.43)	10.855	1364694	8.033 ug/ml
12) T Fluoranthene (C21.85)	12.600	2083093	12.420 ug/ml
13) T Pyrene (C20.8)	12.897	844256	5.180 ug/ml
14) T Benzo[a]anthracene (C...	14.777	6106567	39.321 ug/ml
15) T Chrysene (C27.41)	14.823	7600723	48.158 ug/ml
16) T benzo[b]fluoranthene ...	16.335	7694360	50.476 ug/ml
17) T Bnezo[k]fluoranthene ...	16.335	7694360	52.571 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.715	3121915	21.827 ug/ml

(f)=RT Delta > 1/2 Window

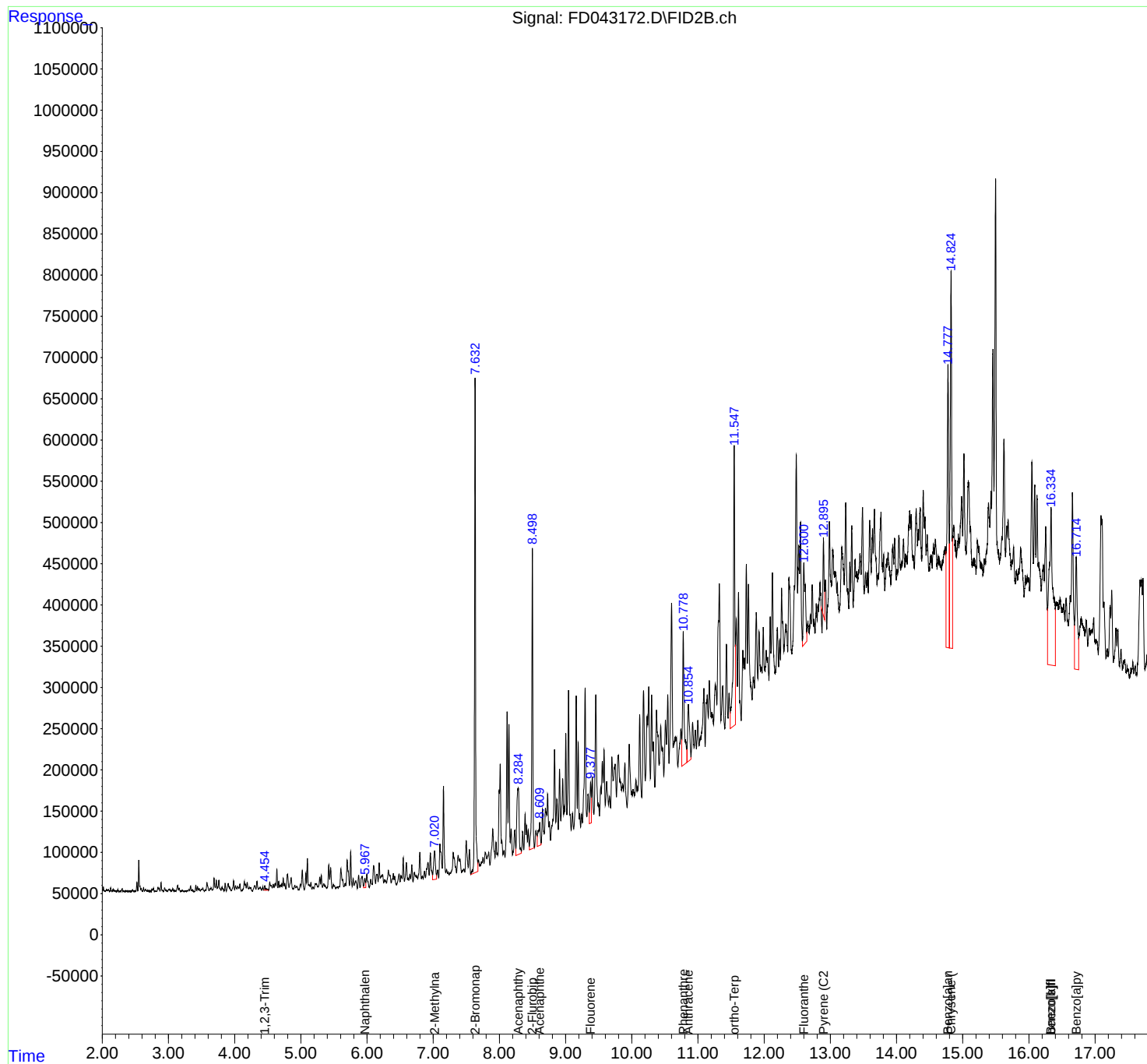
(m)=manual int.

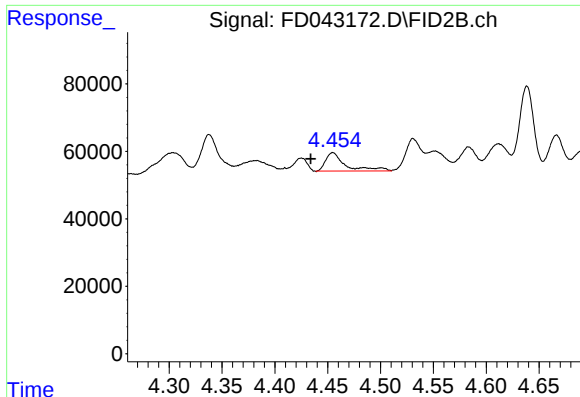
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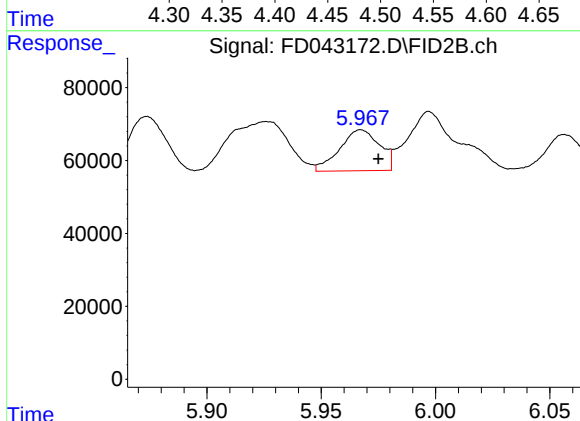




#1 1,2,3-Trimethylbenzene (C10.1)

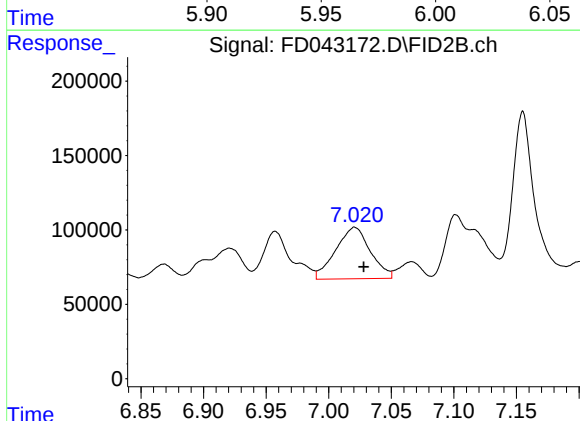
R.T.: 4.455 min
Delta R.T.: 0.021 min
Response: 71563
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



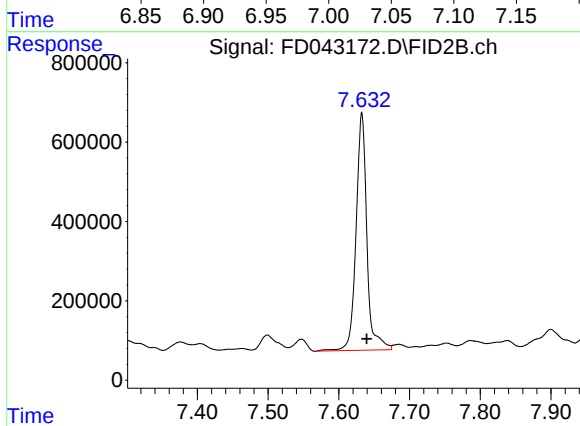
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.008 min
Response: 136466
Conc: 0.78 ug/ml



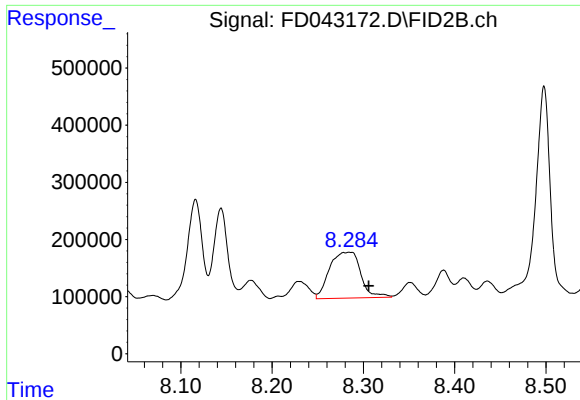
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.007 min
Response: 668609
Conc: 4.16 ug/ml



#4 2-Bromonaphthalene (SURR)

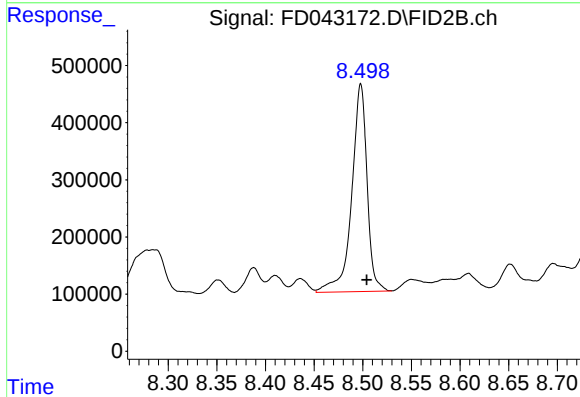
R.T.: 7.632 min
Delta R.T.: -0.007 min
Response: 6382207
Conc: 41.33 ug/ml



#5 Acenaphthylene (C15.06)

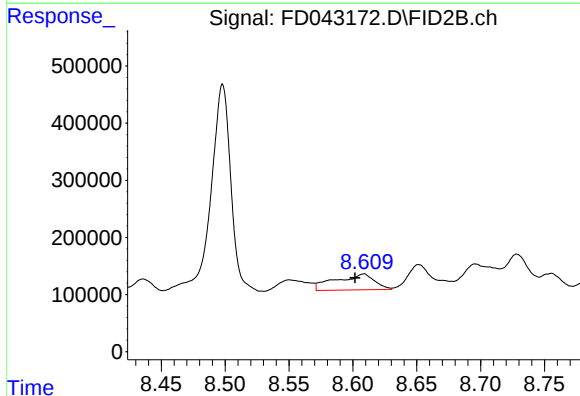
R.T.: 8.284 min
Delta R.T.: -0.022 min
Response: 1908233
Conc: 10.74 ug/ml

Instrument :
FID_D
ClientSampleId :



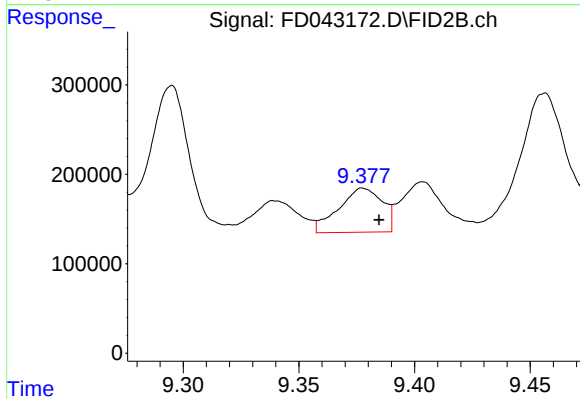
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: -0.006 min
Response: 3989245
Conc: 37.82 ug/ml



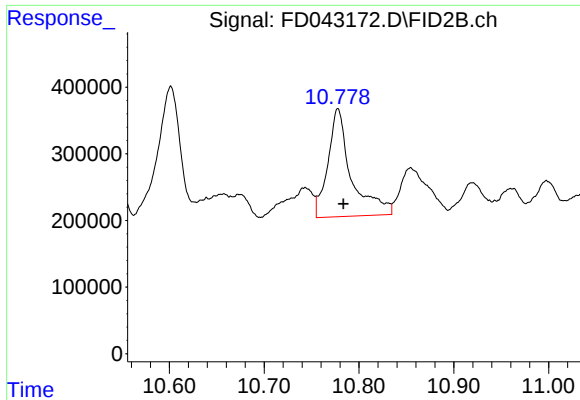
#7 Acenaphthene (C15.5)

R.T.: 8.608 min
Delta R.T.: 0.006 min
Response: 591994
Conc: 3.38 ug/ml



#8 Fluorene (C16.55)

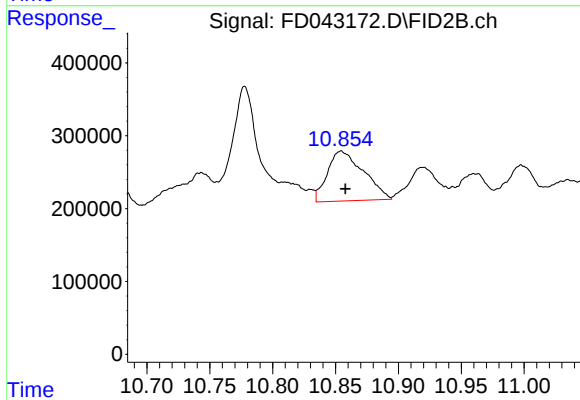
R.T.: 9.378 min
Delta R.T.: -0.007 min
Response: 646541
Conc: 3.73 ug/ml



#9 Phenanthrene (C19.36)

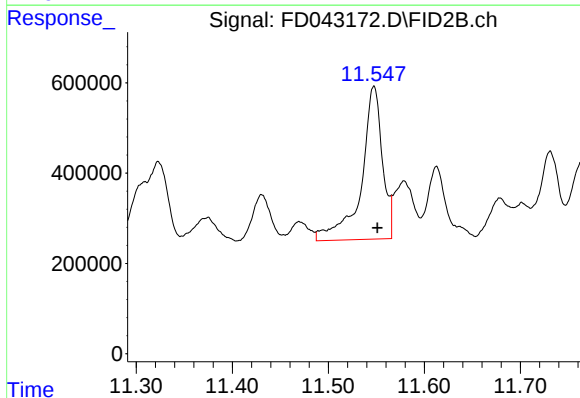
R.T.: 10.778 min
Delta R.T.: -0.006 min
Response: 2785671
Conc: 16.24 ug/ml

Instrument :
FID_D
ClientSampleId :



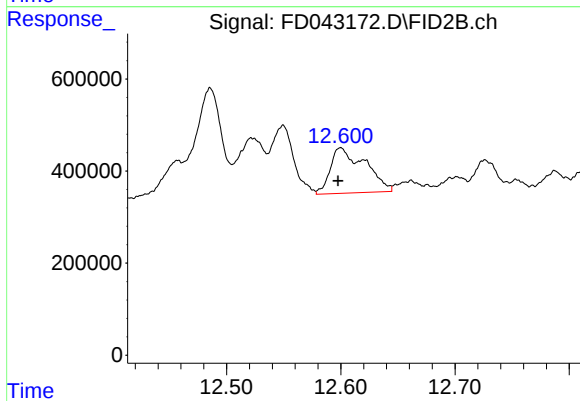
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.003 min
Response: 1364694
Conc: 8.03 ug/ml



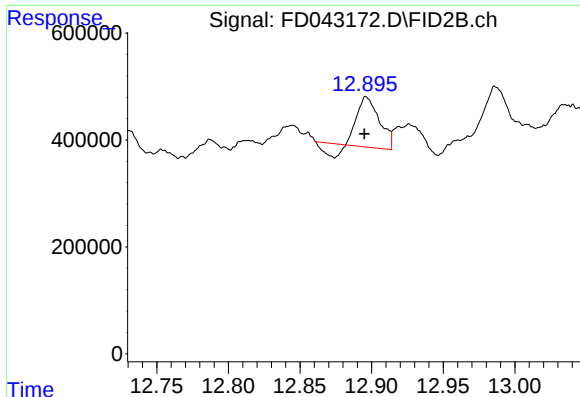
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: -0.004 min
Response: 5186767
Conc: 28.54 ug/ml



#12 Fluoranthene (C21.85)

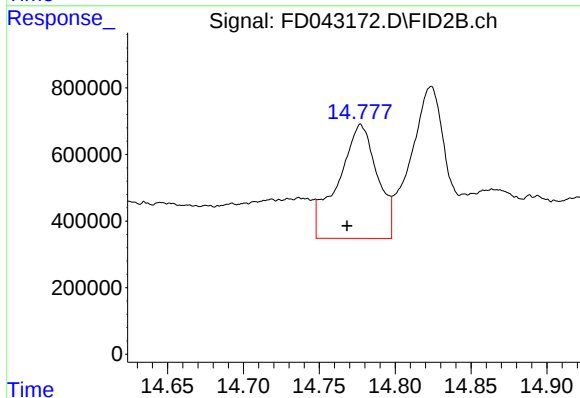
R.T.: 12.600 min
Delta R.T.: 0.003 min
Response: 2083093
Conc: 12.42 ug/ml



#13 Pyrene (C20.8)

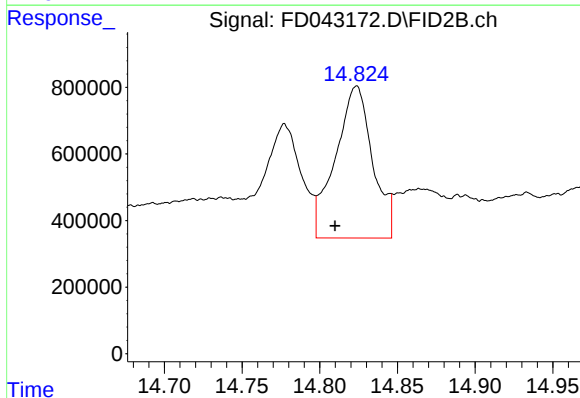
R.T.: 12.897 min
Delta R.T.: 0.002 min
Response: 844256
Conc: 5.18 ug/ml

Instrument :
FID_D
ClientSampleId :



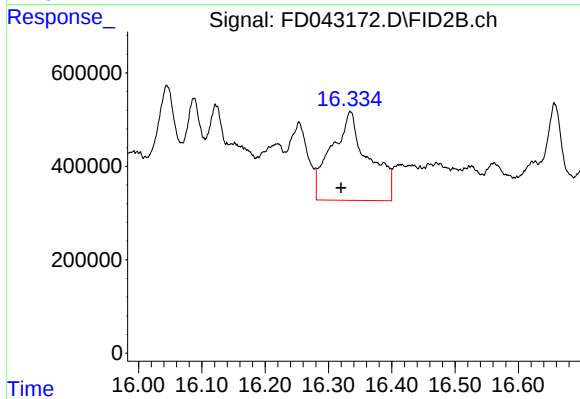
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.777 min
Delta R.T.: 0.009 min
Response: 6106567
Conc: 39.32 ug/ml



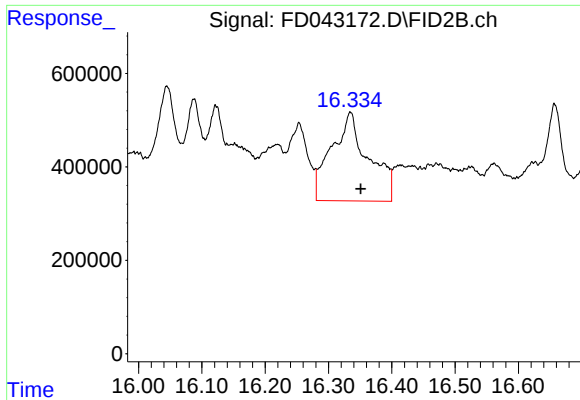
#15 Chrysene (C27.41)

R.T.: 14.823 min
Delta R.T.: 0.014 min
Response: 7600723
Conc: 48.16 ug/ml



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

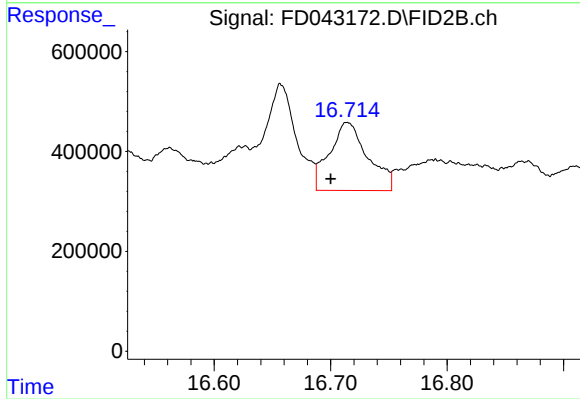
R.T.: 16.335 min
Delta R.T.: 0.015 min
Response: 7694360
Conc: 50.48 ug/ml



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

R.T.: 16.335 min
Delta R.T.: -0.016 min
Response: 7694360
Conc: 52.57 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.715 min
Delta R.T.: 0.015 min
Response: 3121915
Conc: 21.83 ug/ml