

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049355.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2025 18:10
 Operator : YP/AJ
 Sample : Q2065-01DL2 20X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 VACTRUCK-728068DL2

Integration File: autoint1.e
 Quant Time: May 21 03:15:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.737	665923	5.616 ug/ml
Spiked Amount 50.000		Recovery =	11.23%
6) S 2-Fluorobiphenyl (SURR)	8.602	435653	5.517 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.03%
11) S ortho-Terphenyl (SURR)	11.648	594962	4.311 ug/ml
Spiked Amount 50.000		Recovery =	8.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	124098	0.994 ug/ml
2) T Naphthalene (C11.7)	6.075	95132	0.720 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	559743	4.339 ug/ml
5) T Acenaphthylene (C15.06)	8.398	263914	1.870 ug/ml
7) T Acenaphthene (C15.5)	8.742	164540	1.201 ug/ml
9) T Phenanthrene (C19.36)	10.865	639996	4.747 ug/ml
10) T Anthracene (C19.43)	11.015	772952	6.536 ug/ml
12) T Fluoranthene (C21.85)	12.697	399501	2.964 ug/ml
13) T Pyrene (C20.8)	12.989	846502	6.258 ug/ml
14) T Benzo[a]anthracene (C...	14.839	1555541	13.580 ug/ml
15) T Chrysene (C27.41)	14.924	2995453	25.665 ug/ml
16) T benzo[b]fluoranthene ...	16.401	772732	6.366 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	462994	3.882 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.805	404221	3.515 ug/ml

(f)=RT Delta > 1/2 Window

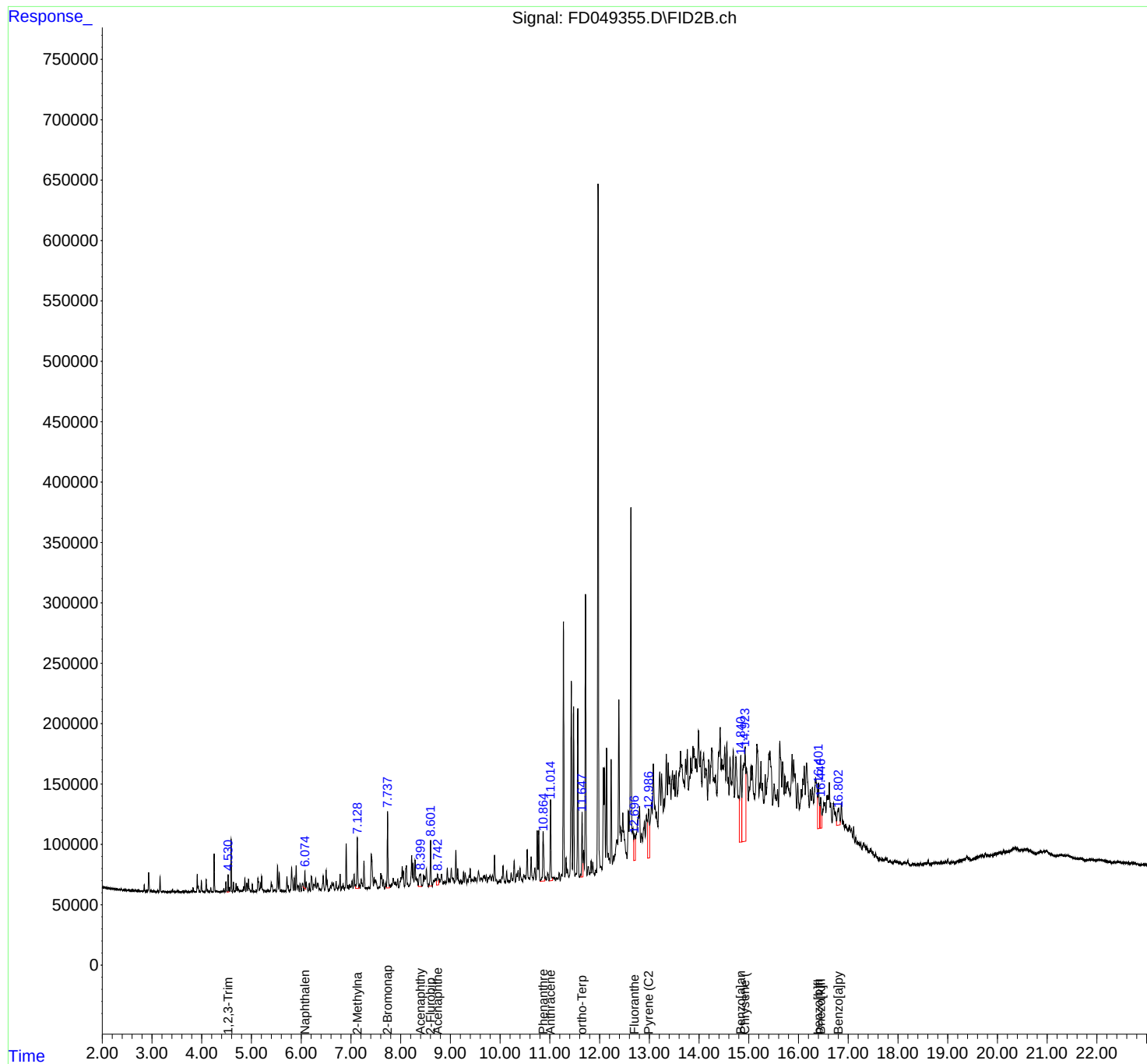
(m)=manual int.

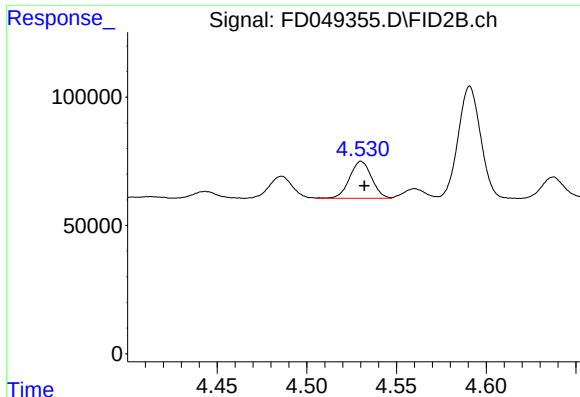
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
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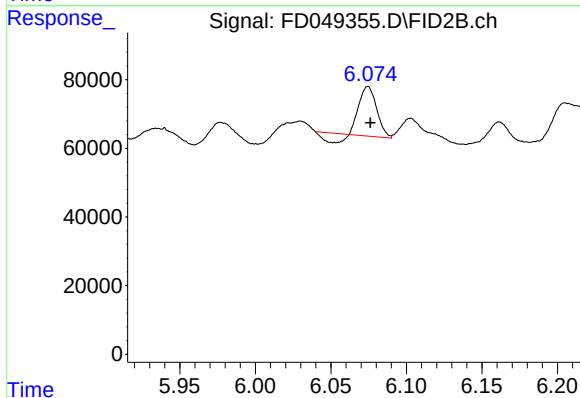




#1 1,2,3-Trimethylbenzene (C10.1)

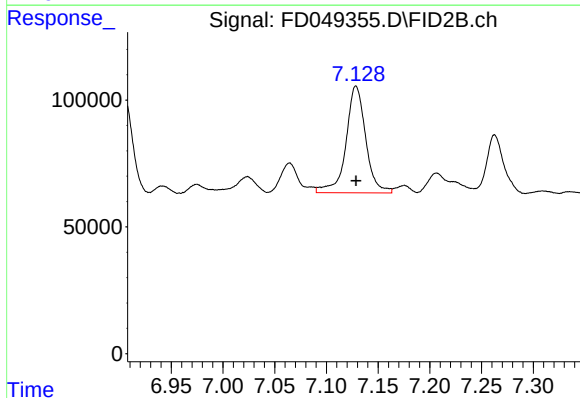
R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 124098
Conc: 0.99 ug/ml

Instrument :
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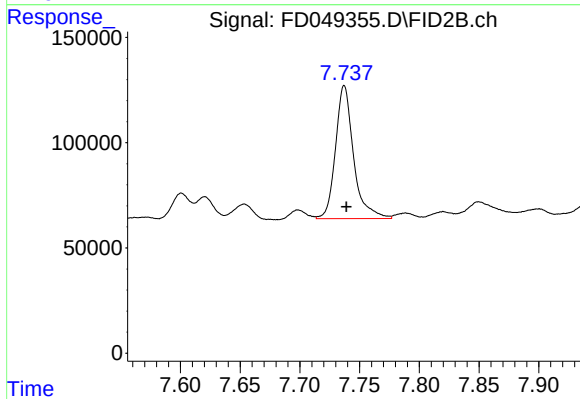
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 95132
Conc: 0.72 ug/ml



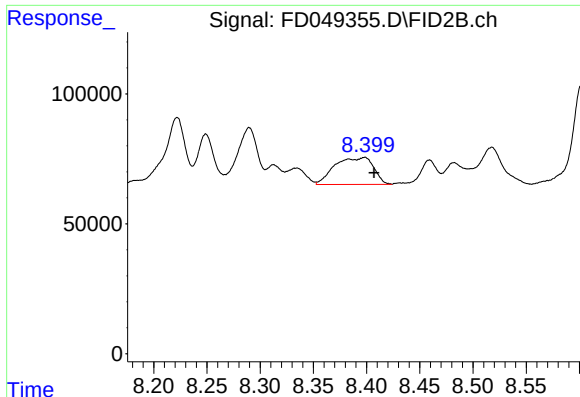
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 559743
Conc: 4.34 ug/ml



#4 2-Bromonaphthalene (SURR)

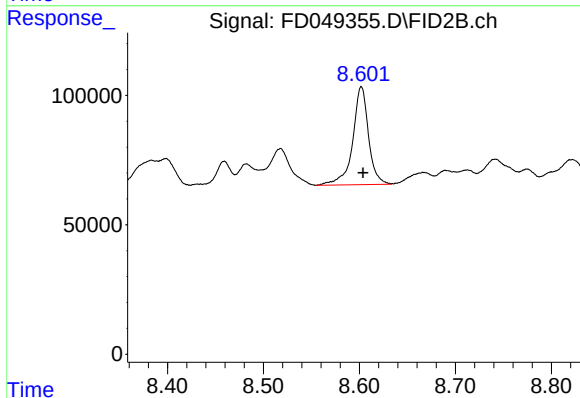
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 665923
Conc: 5.62 ug/ml



#5 Acenaphthylene (C15.06)

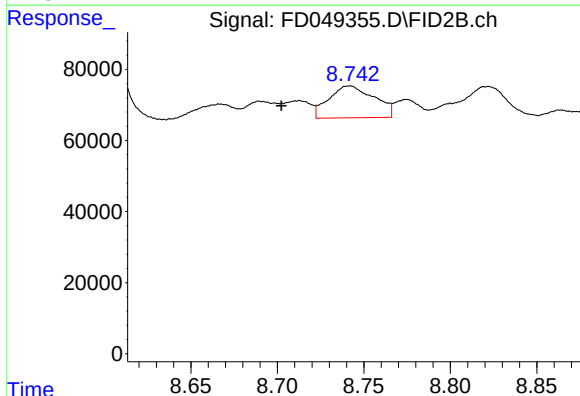
R.T.: 8.398 min
Delta R.T.: -0.009 min
Response: 263914
Conc: 1.87 ug/ml

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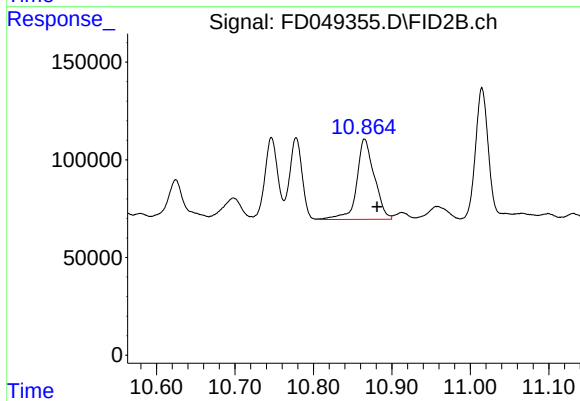
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: -0.002 min
Response: 435653
Conc: 5.52 ug/ml



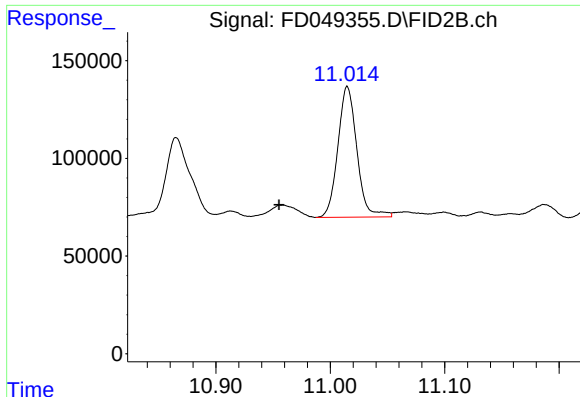
#7 Acenaphthene (C15.5)

R.T.: 8.742 min
Delta R.T.: 0.039 min
Response: 164540
Conc: 1.20 ug/ml



#9 Phenanthrene (C19.36)

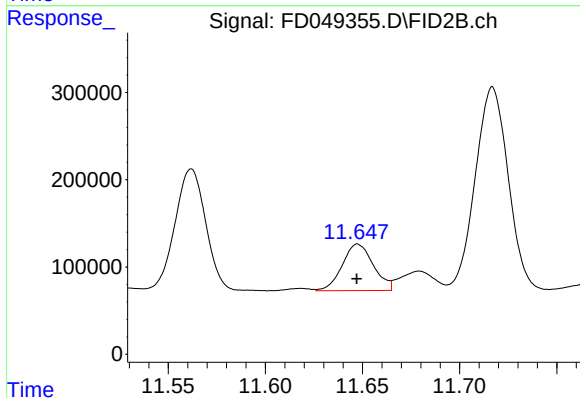
R.T.: 10.865 min
Delta R.T.: -0.016 min
Response: 639996
Conc: 4.75 ug/ml



#10 Anthracene (C19.43)

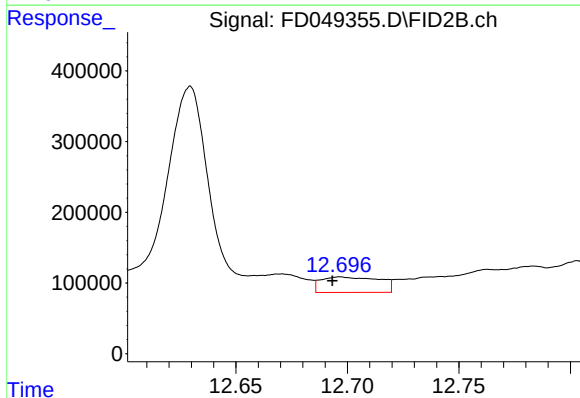
R.T.: 11.015 min
Delta R.T.: 0.060 min
Response: 772952
Conc: 6.54 ug/ml

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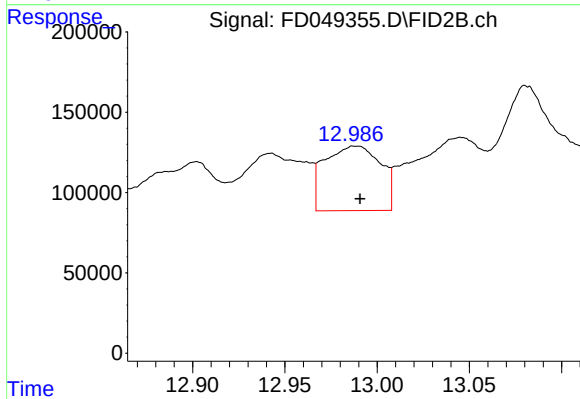
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 594962
Conc: 4.31 ug/ml



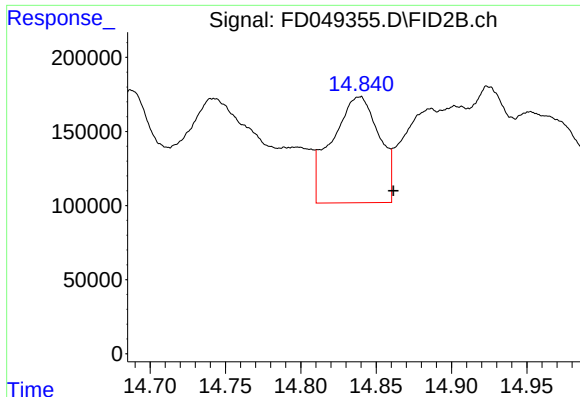
#12 Fluoranthene (C21.85)

R.T.: 12.697 min
Delta R.T.: 0.004 min
Response: 399501
Conc: 2.96 ug/ml



#13 Pyrene (C20.8)

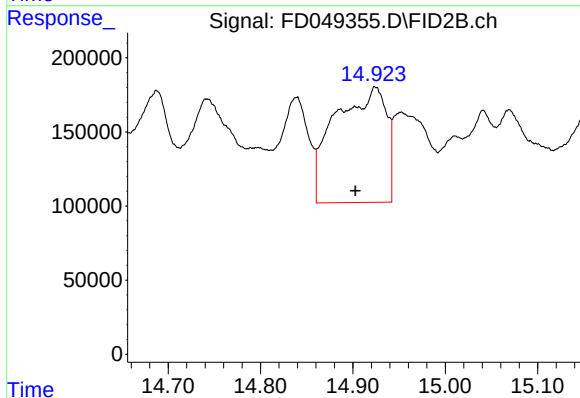
R.T.: 12.989 min
Delta R.T.: -0.002 min
Response: 846502
Conc: 6.26 ug/ml



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

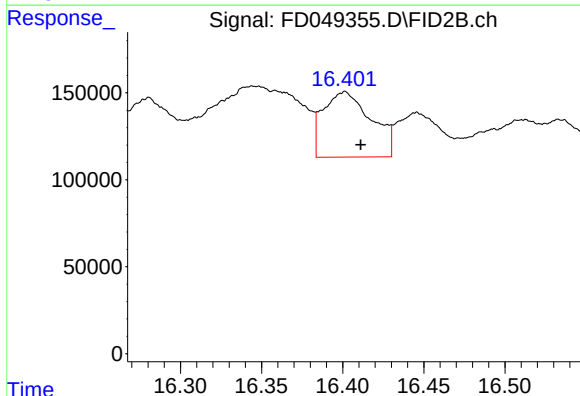
R.T.: 14.839 min
Delta R.T.: -0.022 min
Response: 1555541
Conc: 13.58 ug/ml

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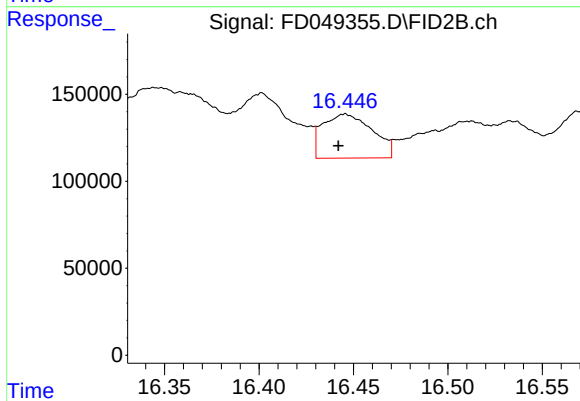
#15 Chrysene (C27.41)

R.T.: 14.924 min
Delta R.T.: 0.022 min
Response: 2995453
Conc: 25.67 ug/ml



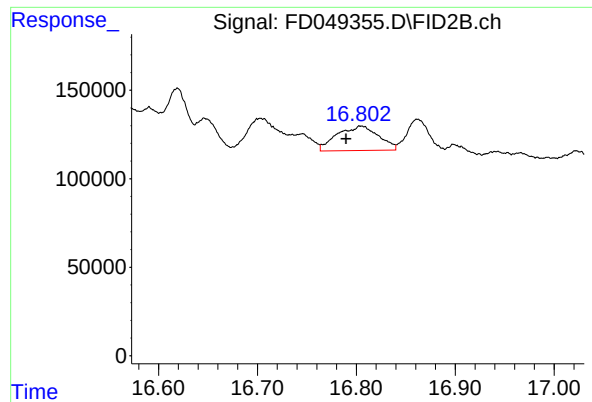
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.401 min
Delta R.T.: -0.010 min
Response: 772732
Conc: 6.37 ug/ml



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

R.T.: 16.445 min
Delta R.T.: 0.003 min
Response: 462994
Conc: 3.88 ug/ml



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

R.T.: 16.805 min
Delta R.T.: 0.015 min
Response: 404221
Conc: 3.52 ug/ml

Instrument :

FID_D

ClientSampleId :

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