

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120525AR\
 Data File : FF016847.D
 Signal(s) : FID2B.ch
 Acq On : 05 Dec 2025 13:23
 Operator : YP\AJ
 Sample : Q3530-07
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170800BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 08 00:55:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 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...	7.991	5620261	49.016 ug/ml
Spiked Amount 50.000		Recovery =	98.03%
6) S 2-Fluorobiphenyl (SURR)	8.868	3402805	48.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.01%
11) S ortho-Terphenyl (SURR)	11.937	5855820	39.793 ug/ml
Spiked Amount 50.000		Recovery =	79.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.582	275225	2.003 ug/ml
2) T Naphthalene (C11.7)	6.266	242195	1.781 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	229488	1.696 ug/ml
5) T Acenaphthylene (C15.06)	8.670	296800	2.170 ug/ml
7) T Acenaphthene (C15.5)	8.966	535649	3.732 ug/ml
8) T Flouorene (C16.55)	9.769	246977	1.861 ug/ml
9) T Phenanthrene (C19.36)	11.178	227709	1.753 ug/ml
10) T Anthracene (C19.43)	11.260	244288	1.920 ug/ml
12) T Fluoranthene (C21.85)	13.003	271545	2.069 ug/ml
13) T Pyrene (C20.8)	13.298	253447	1.924 ug/ml
14) T Benzo[a]anthracene (C...	15.207	114749	1.066 ug/ml
15) T Chrysene (C27.41)	15.242	424791	3.070 ug/mlm
16) T benzo[b]fluoranthene ...	16.767	149433	1.265 ug/ml
17) T Bnezo[k]fluoranthene ...	16.799	404018	3.135 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.165	161547	1.343 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.549	94572	0.956 ug/ml
20) T Dibenz[a,h]anthracene...	18.597	192700	1.220 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.785	193894	1.527 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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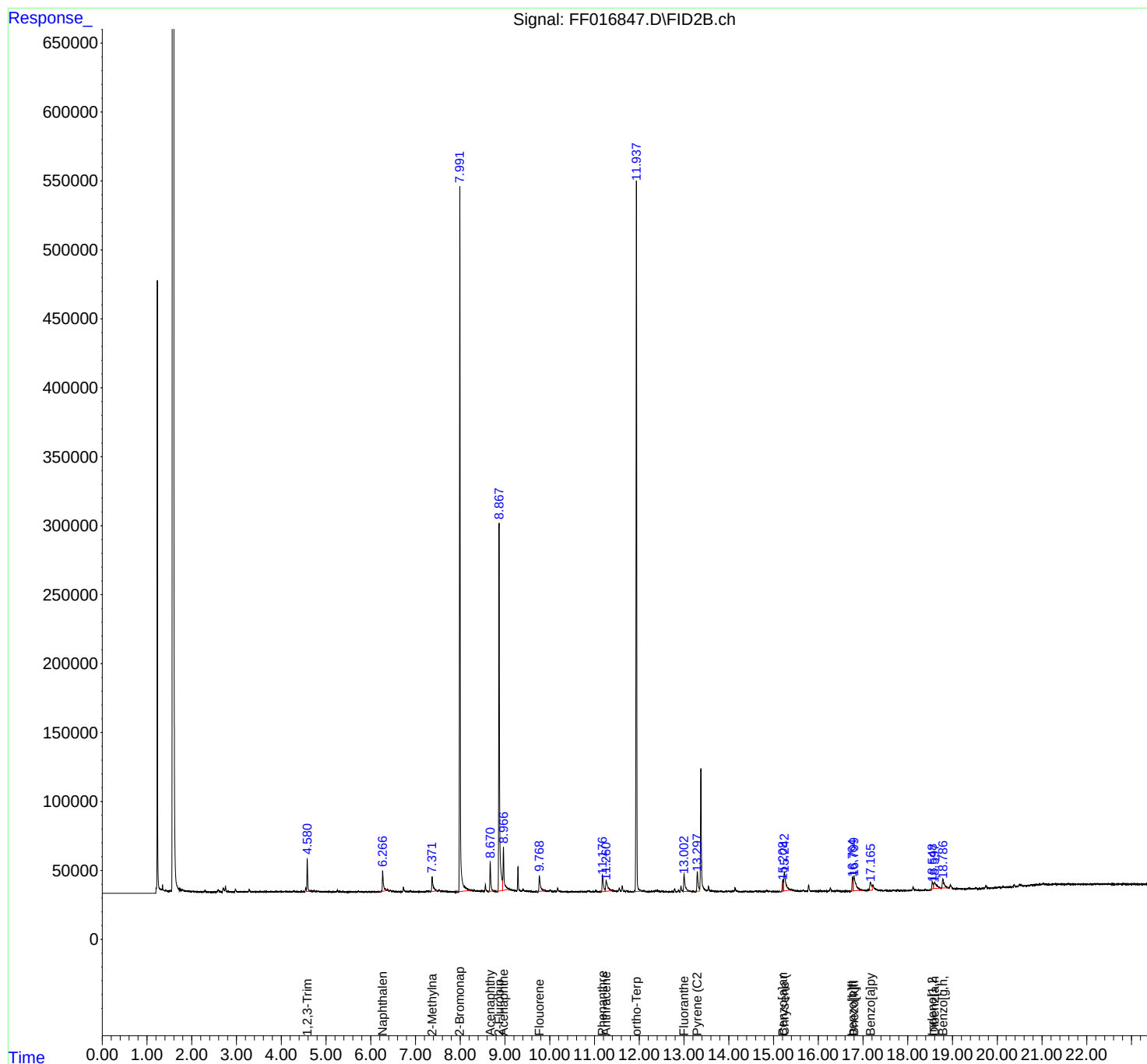
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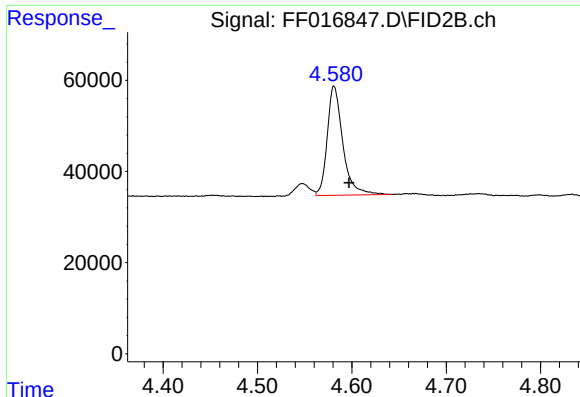
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.582 min
Delta R.T.: -0.015 min
Response: 275225
Conc: 2.00 ug/ml

Instrument :

FID_F

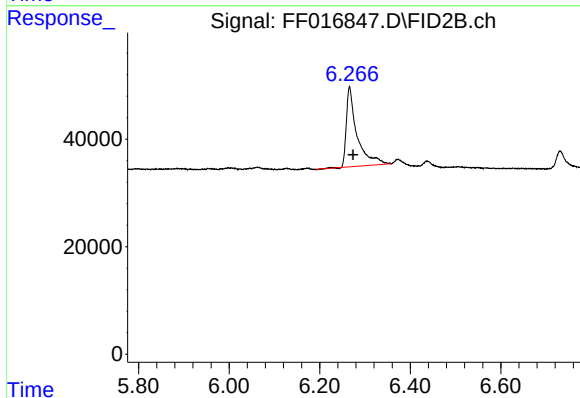
ClientSampleId :

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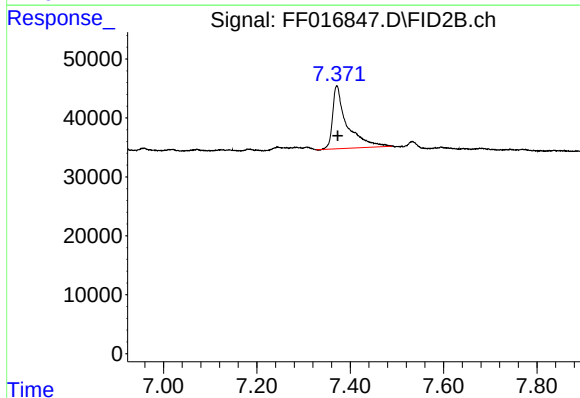
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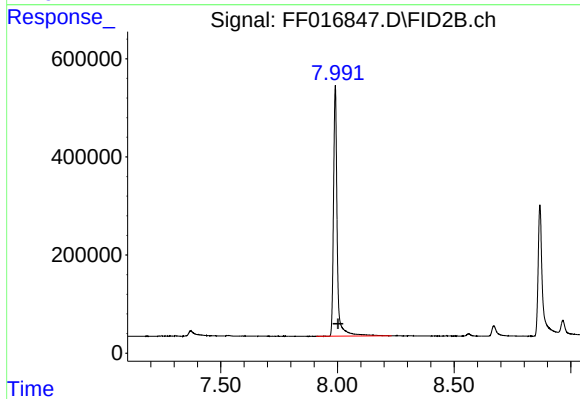
#2 Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: -0.007 min
Response: 242195
Conc: 1.78 ug/ml



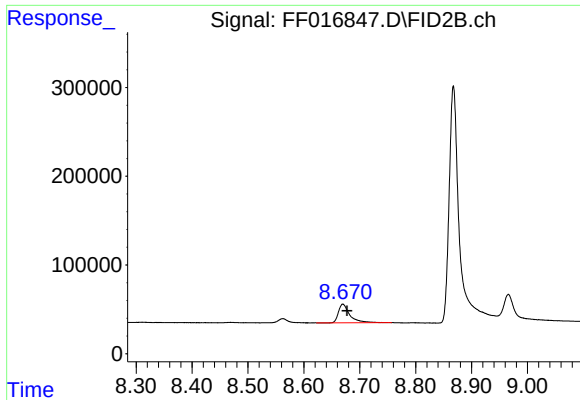
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 229488
Conc: 1.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.991 min
Delta R.T.: -0.013 min
Response: 5620261
Conc: 49.02 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.670 min
Delta R.T.: -0.008 min
Response: 296800
Conc: 2.17 ug/ml

Instrument :

FID_F

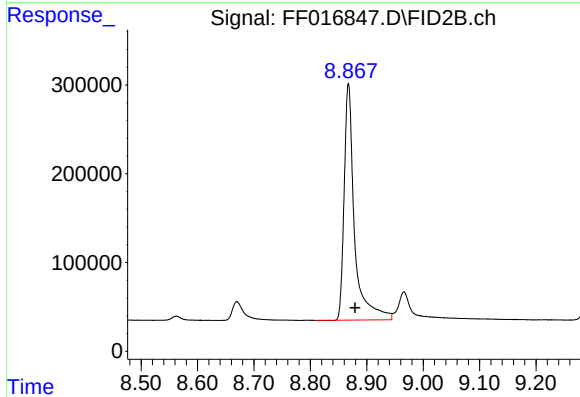
ClientSampleId :

PB170800BS

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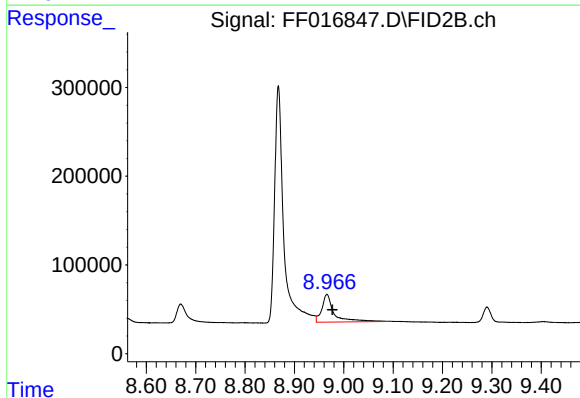
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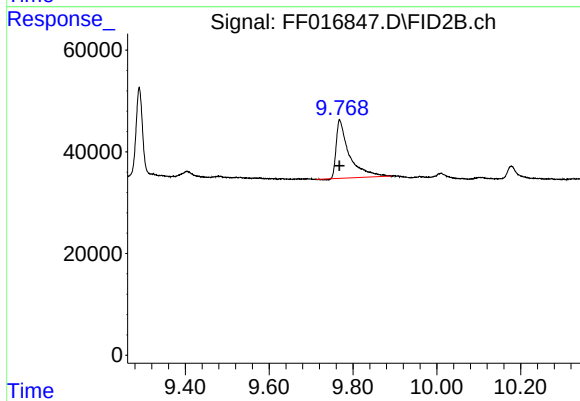
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.868 min
Delta R.T.: -0.012 min
Response: 3402805
Conc: 48.01 ug/ml



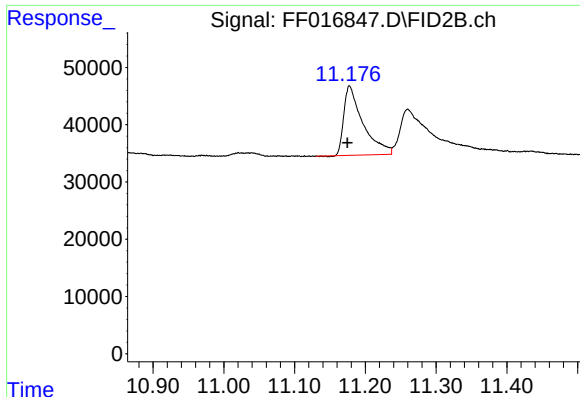
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: -0.011 min
Response: 535649
Conc: 3.73 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.769 min
Delta R.T.: 0.001 min
Response: 246977
Conc: 1.86 ug/ml



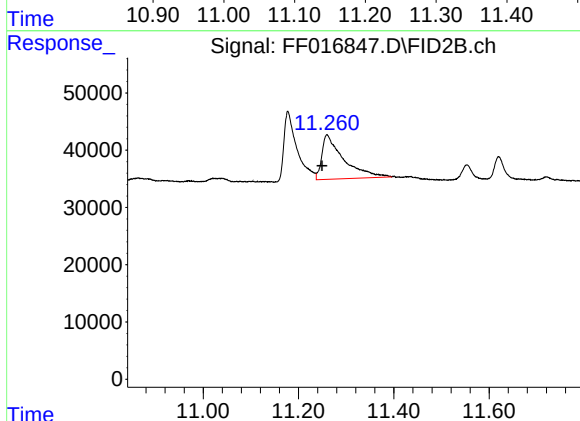
#9 Phenanthrene (C19.36)

R.T.: 11.178 min
Delta R.T.: 0.004 min
Response: 227709
Conc: 1.75 ug/ml

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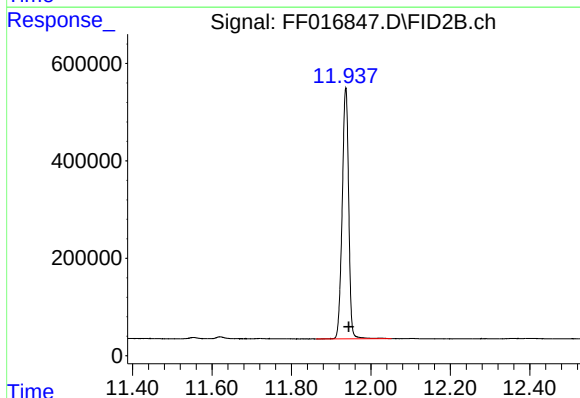
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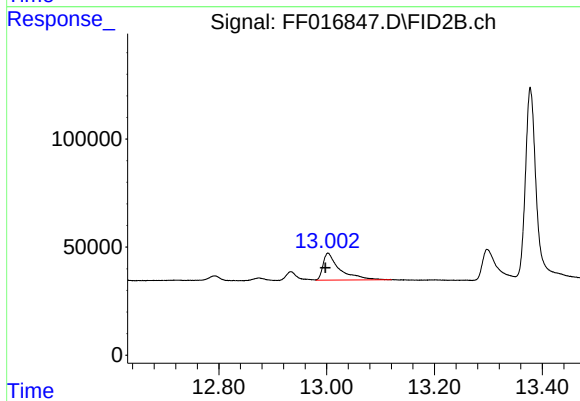
#10 Anthracene (C19.43)

R.T.: 11.260 min
Delta R.T.: 0.011 min
Response: 244288
Conc: 1.92 ug/ml



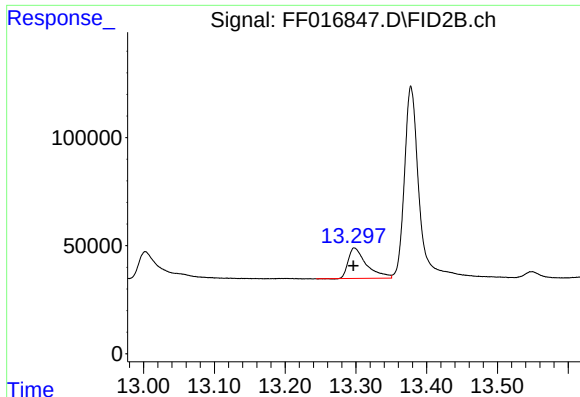
#11 ortho-Terphenyl (SURR)

R.T.: 11.937 min
Delta R.T.: -0.007 min
Response: 5855820
Conc: 39.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.003 min
Delta R.T.: 0.005 min
Response: 271545
Conc: 2.07 ug/ml



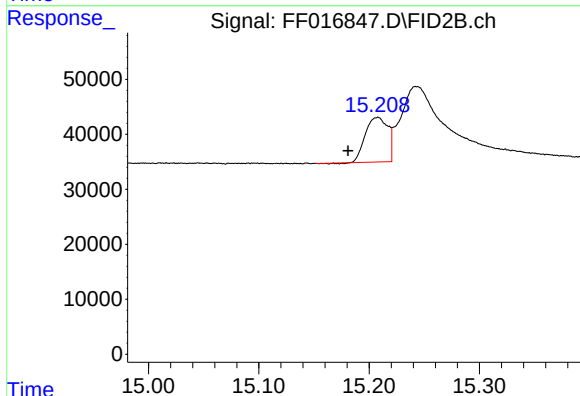
#13 Pyrene (C20.8)

R.T.: 13.298 min
Delta R.T.: 0.002 min
Response: 253447
Conc: 1.92 ug/ml

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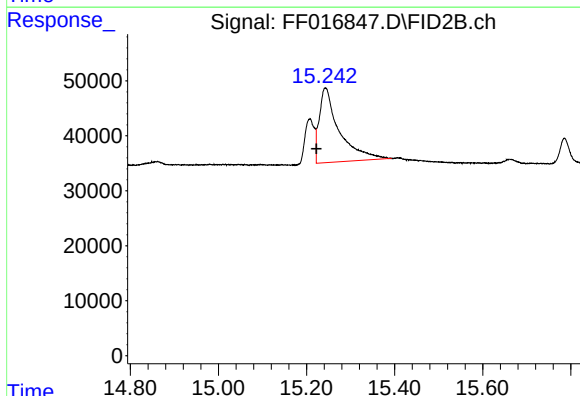
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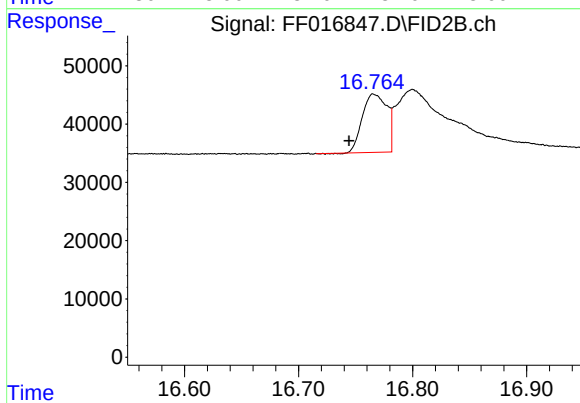
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.207 min
Delta R.T.: 0.026 min
Response: 114749
Conc: 1.07 ug/ml



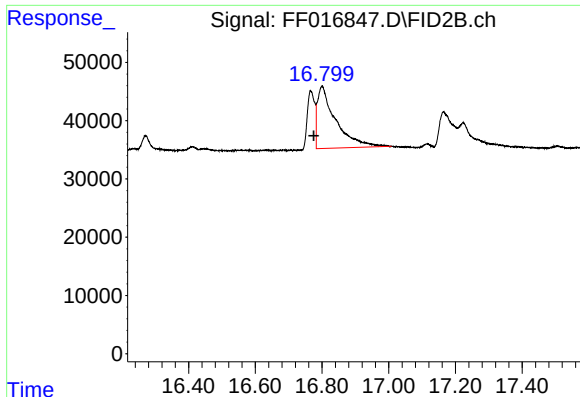
#15 Chrysene (C27.41)

R.T.: 15.242 min
Delta R.T.: 0.020 min
Response: 424791
Conc: 3.07 ug/ml m



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

R.T.: 16.767 min
Delta R.T.: 0.022 min
Response: 149433
Conc: 1.27 ug/ml



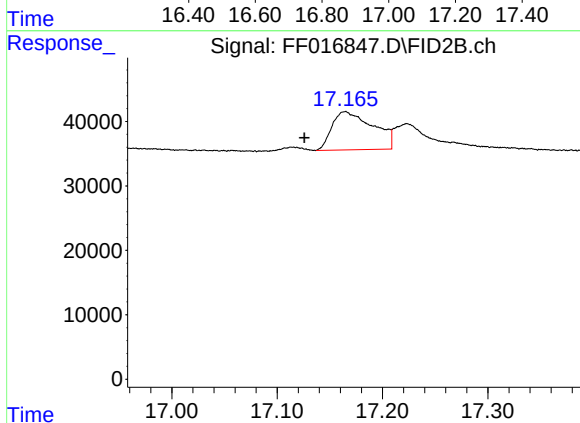
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.799 min
Delta R.T.: 0.025 min
Response: 404018
Conc: 3.13 ug/ml

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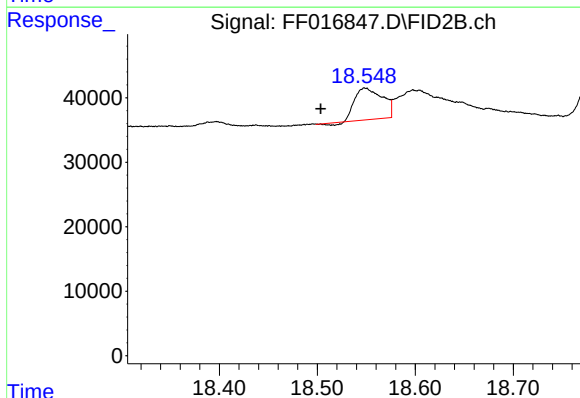
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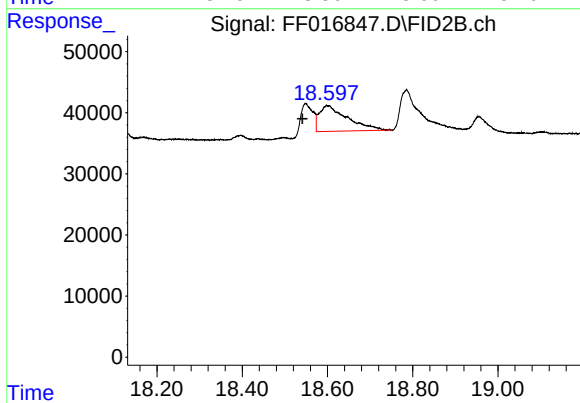
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.165 min
Delta R.T.: 0.039 min
Response: 161547
Conc: 1.34 ug/ml



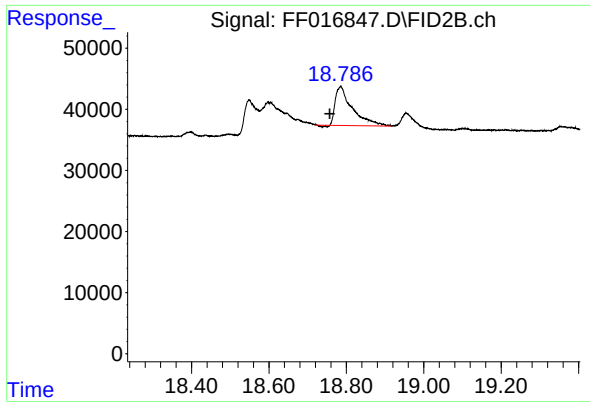
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.549 min
Delta R.T.: 0.045 min
Response: 94572
Conc: 0.96 ug/ml



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

R.T.: 18.597 min
Delta R.T.: 0.056 min
Response: 192700
Conc: 1.22 ug/ml m



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

R.T.: 18.785 min
Delta R.T.: 0.028 min
Response: 193894
Conc: 1.53 ug/ml

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