

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049435.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 18:39
 Operator : YP/AJ
 Sample : Q2126-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 12 05:00:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.736	6911560	41.577 ug/ml
Spiked Amount 50.000		Recovery =	83.15%
6) S 2-Fluorobiphenyl (SURR)	8.602	4677002	40.884 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.77%
11) S ortho-Terphenyl (SURR)	11.648	7136220	35.553 ug/ml
Spiked Amount 50.000		Recovery =	71.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.527	302041	1.898 ug/ml
2) T Naphthalene (C11.7)	6.070	357146	2.034 ug/ml
3) T 2-Methylnaphthalene (...)	7.123	337164	1.887 ug/ml
5) T Acenaphthylene (C15.06)	8.402	379068	1.957 ug/ml
7) T Acenaphthene (C15.5)	8.697	393751	2.070 ug/ml
8) T Fluorene (C16.55)	9.478	395695	2.024 ug/ml
9) T Phenanthrene (C19.36)	10.876	394761	2.076 ug/ml
10) T Anthracene (C19.43)	10.950	369995	2.116 ug/ml
12) T Fluoranthene (C21.85)	12.689	382247	2.119 ug/ml
13) T Pyrene (C20.8)	12.987	387280	2.170 ug/ml
14) T Benzo[a]anthracene (C...	14.858	361704	2.380 ug/ml
15) T Chrysene (C27.41)	14.899	414236	2.728 ug/ml
16) T benzo[b]fluoranthene ...	16.407	362369	2.503 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	365682	2.548 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.786	354158	2.606 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	379993	2.975 ug/ml
20) T Dibenz[a,h]anthracene...	18.190	421701	3.132 ug/ml
21) T Benzo[g,h,i]perylene ...	18.401	366701	2.721 ug/ml

(f)=RT Delta > 1/2 Window

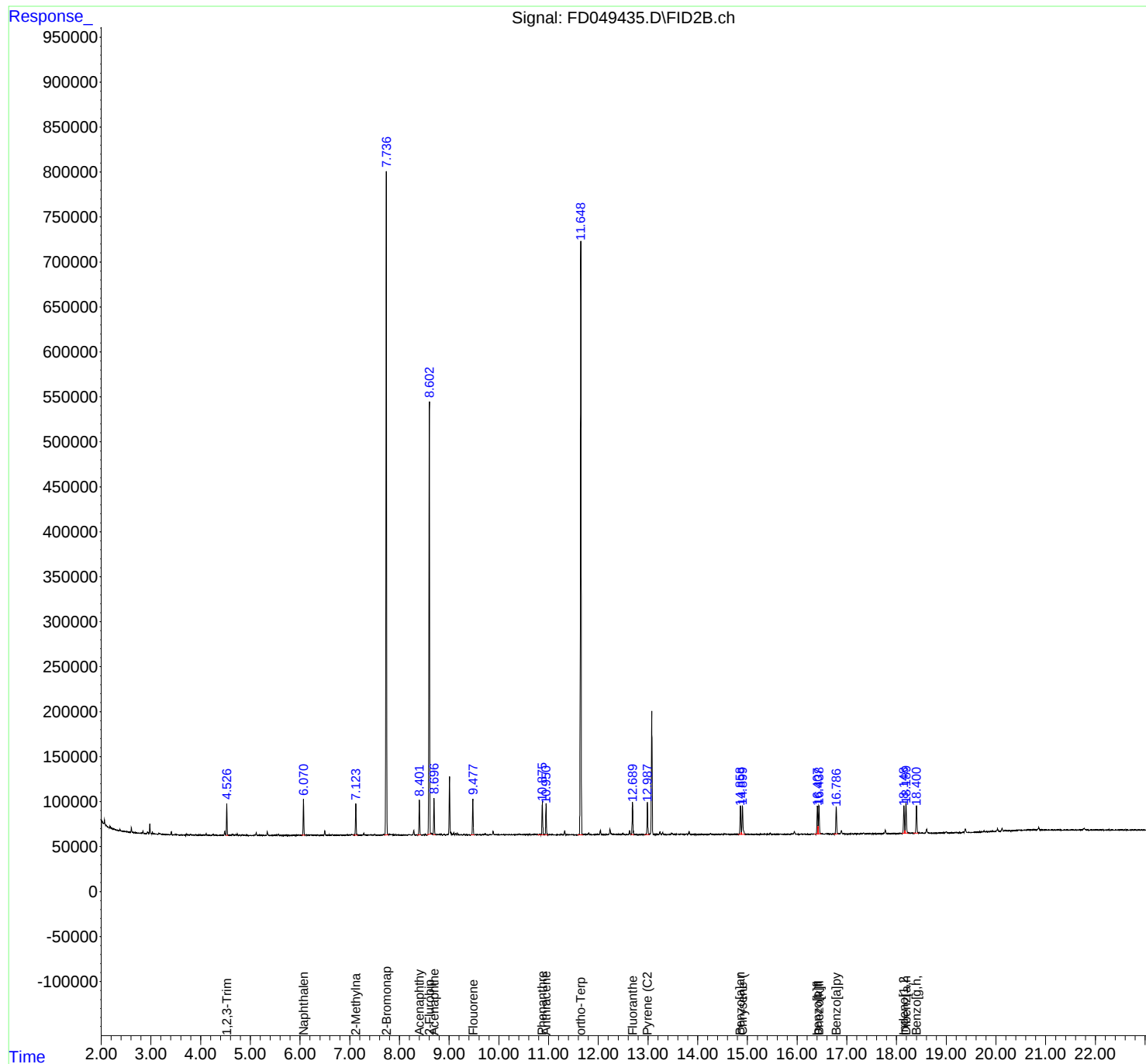
(m)=manual int.

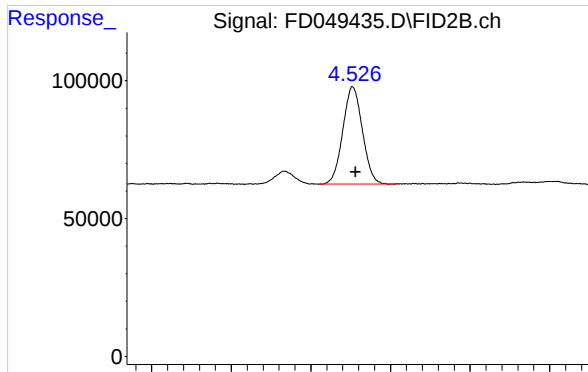
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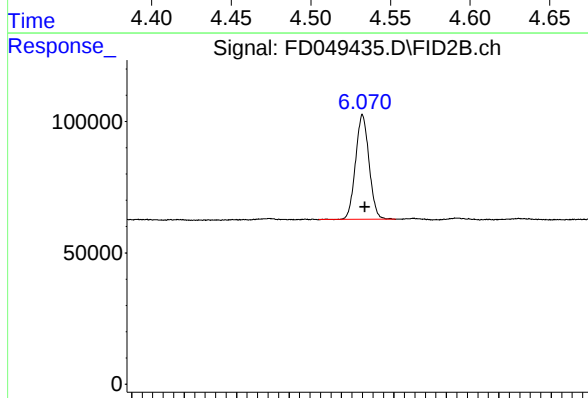




#1 1,2,3-Trimethylbenzene (C10.1)

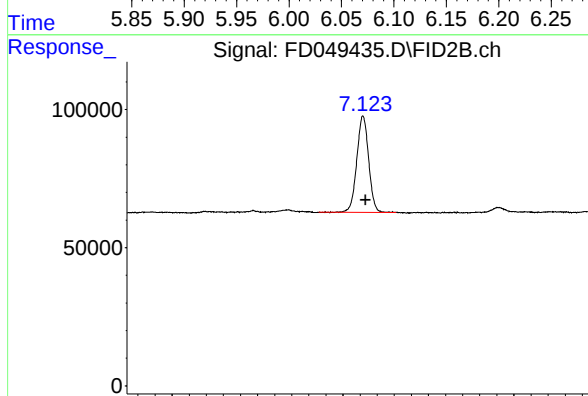
R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 302041
Conc: 1.90 ug/ml

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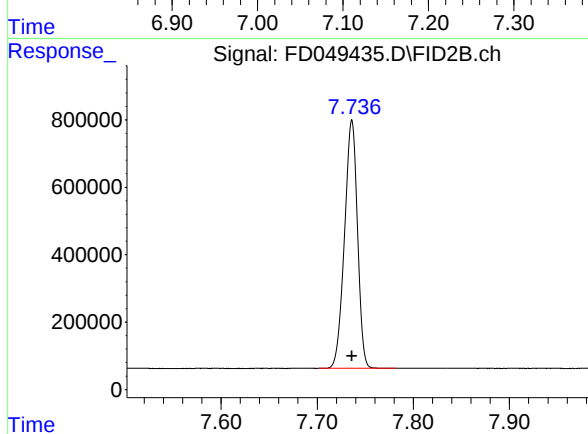
#2 Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 357146
Conc: 2.03 ug/ml



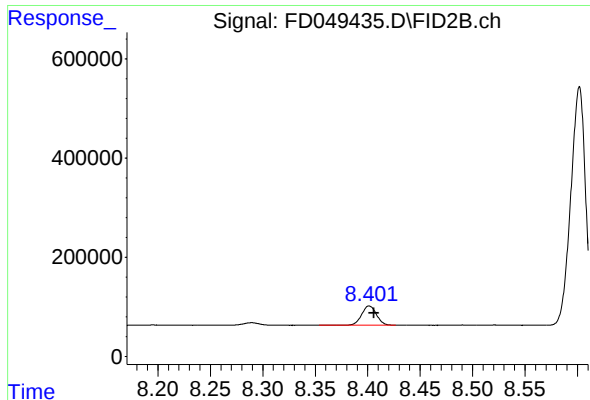
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: -0.003 min
Response: 337164
Conc: 1.89 ug/ml



#4 2-Bromonaphthalene (SURR)

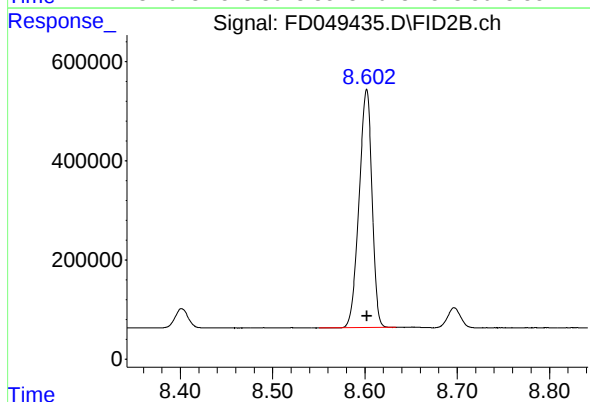
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 6911560
Conc: 41.58 ug/ml



#5 Acenaphthylene (C15.06)

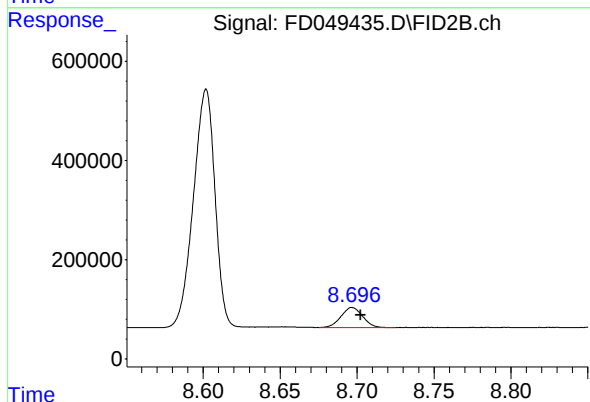
R.T.: 8.402 min
Delta R.T.: -0.004 min
Response: 379068
Conc: 1.96 ug/ml

Instrument :
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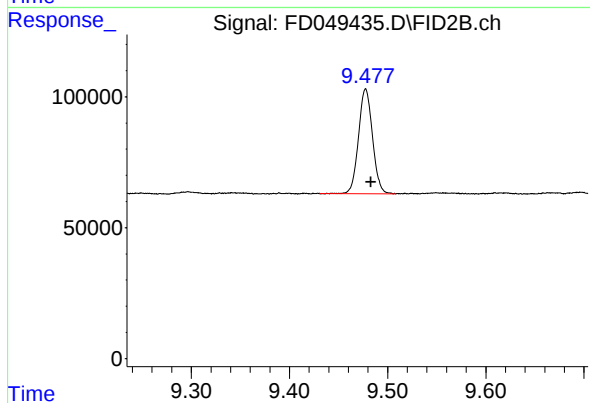
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 4677002
Conc: 40.88 ug/ml



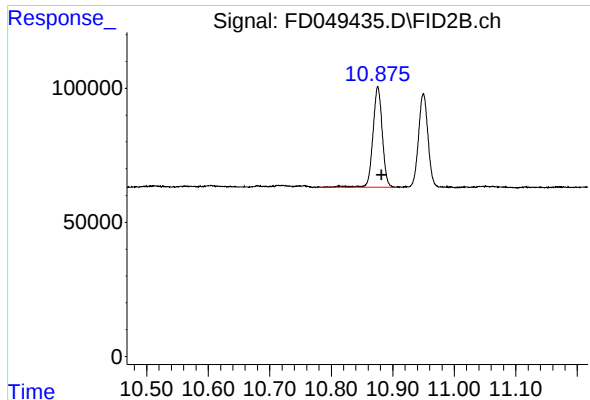
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.005 min
Response: 393751
Conc: 2.07 ug/ml



#8 Fluorene (C16.55)

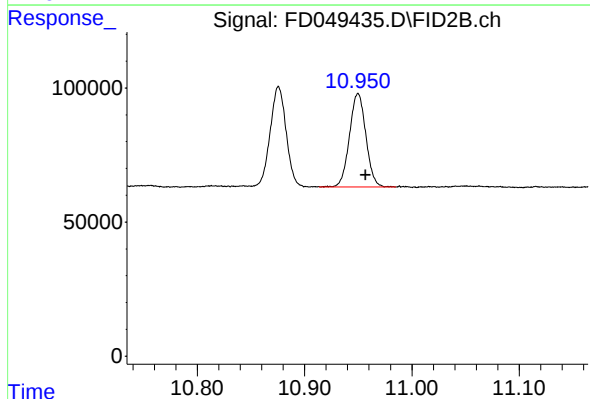
R.T.: 9.478 min
Delta R.T.: -0.005 min
Response: 395695
Conc: 2.02 ug/ml



#9 Phenanthrene (C19.36)

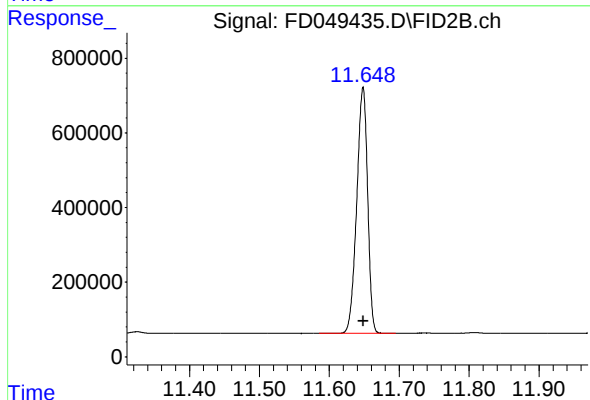
R.T.: 10.876 min
Delta R.T.: -0.007 min
Response: 394761
Conc: 2.08 ug/ml

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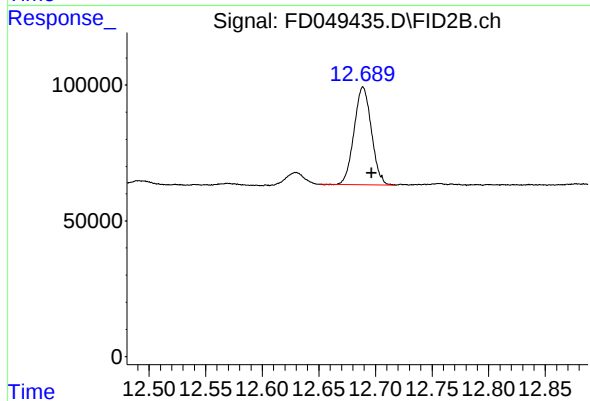
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 369995
Conc: 2.12 ug/ml



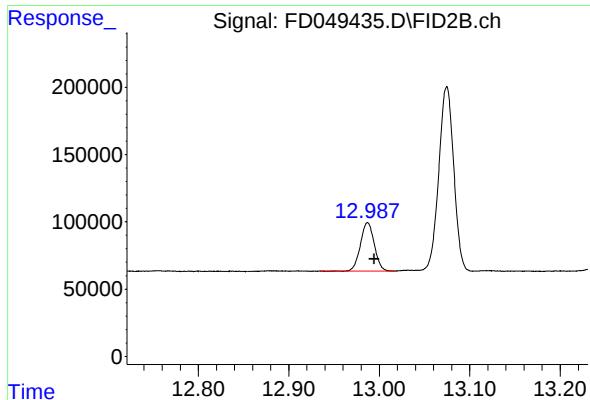
#11 ortho-Terphenyl (SURRE)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 7136220
Conc: 35.55 ug/ml



#12 Fluoranthene (C21.85)

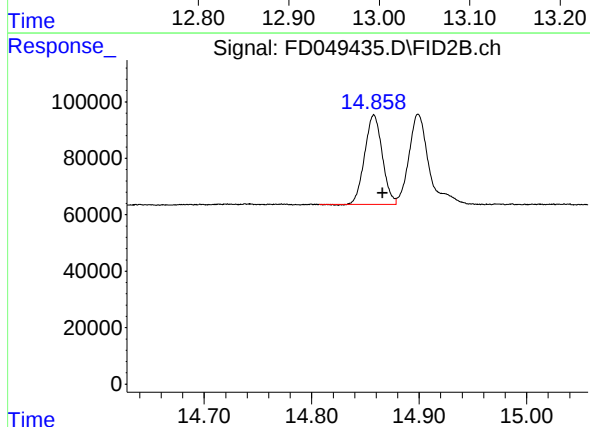
R.T.: 12.689 min
Delta R.T.: -0.007 min
Response: 382247
Conc: 2.12 ug/ml



#13 Pyrene (C20.8)

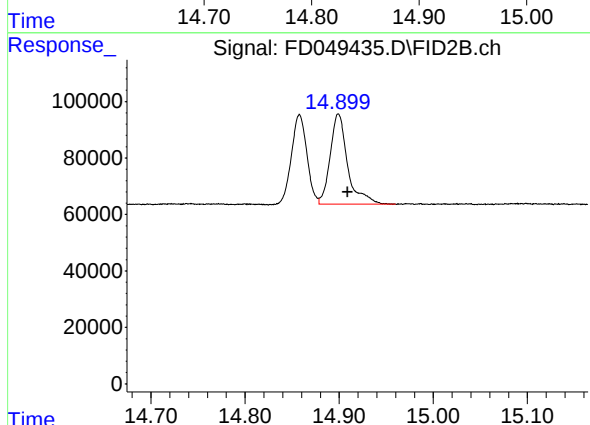
R.T.: 12.987 min
Delta R.T.: -0.008 min
Response: 387280
Conc: 2.17 ug/ml

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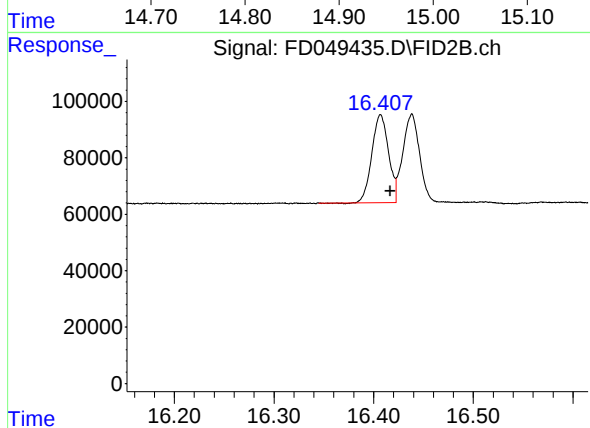
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.858 min
Delta R.T.: -0.008 min
Response: 361704
Conc: 2.38 ug/ml



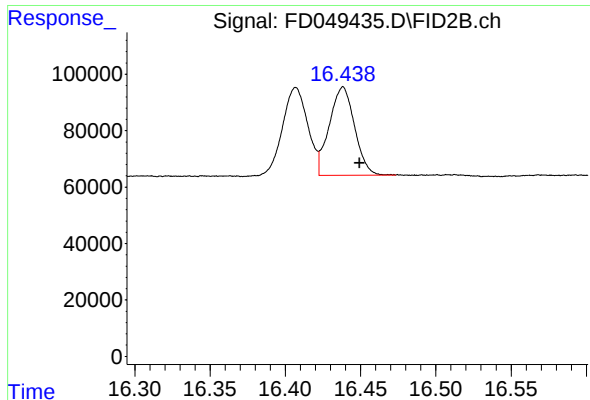
#15 Chrysene (C27.41)

R.T.: 14.899 min
Delta R.T.: -0.010 min
Response: 414236
Conc: 2.73 ug/ml



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

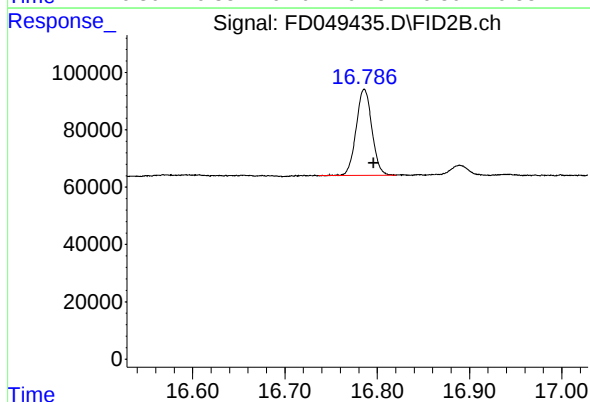
R.T.: 16.407 min
Delta R.T.: -0.010 min
Response: 362369
Conc: 2.50 ug/ml



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

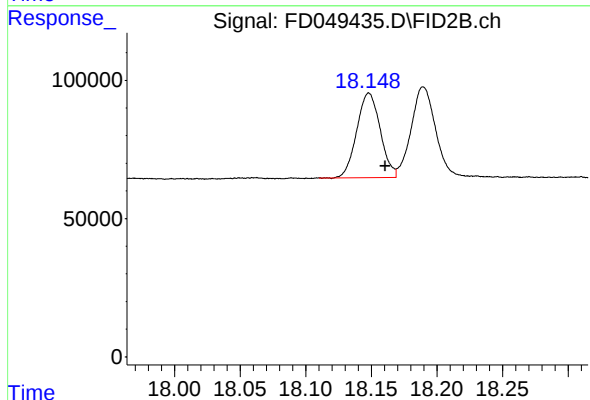
R.T.: 16.438 min
Delta R.T.: -0.011 min
Response: 365682
Conc: 2.55 ug/ml

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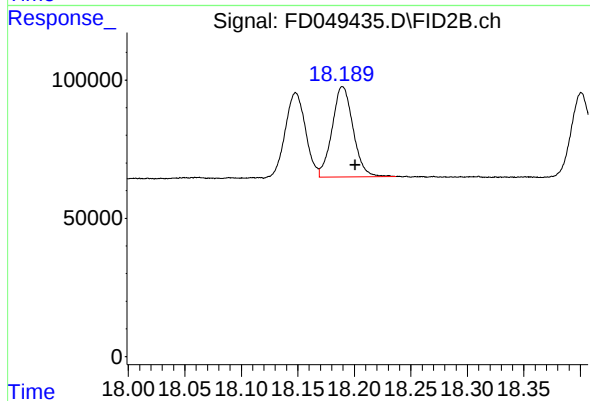
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.786 min
Delta R.T.: -0.010 min
Response: 354158
Conc: 2.61 ug/ml



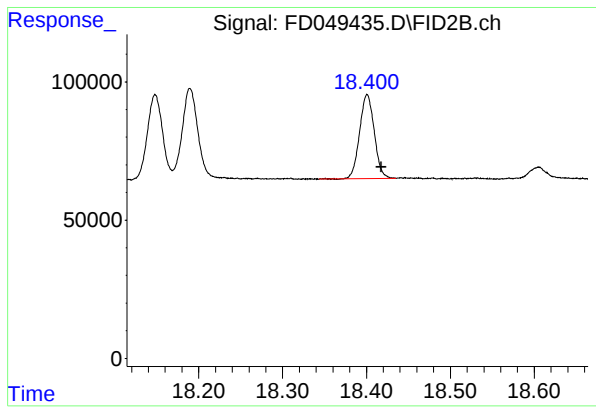
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min
Delta R.T.: -0.013 min
Response: 379993
Conc: 2.97 ug/ml



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

R.T.: 18.190 min
Delta R.T.: -0.011 min
Response: 421701
Conc: 3.13 ug/ml



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

R.T.: 18.401 min

Delta R.T.: -0.017 min

Response: 366701

Conc: 2.72 ug/ml

Instrument :

FID_D

ClientSampleId :

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