

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AR\
 Data File : FF015999.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 14:32
 Operator : YP\AJ
 Sample : Q2126-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 17 02:46:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 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...	8.061	5551181	48.887 ug/ml
Spiked Amount 50.000		Recovery =	97.77%
6) S 2-Fluorobiphenyl (SURR)	8.936	3819535	49.068 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.14%
11) S ortho-Terphenyl (SURR)	12.003	5919391	44.745 ug/ml
Spiked Amount 50.000		Recovery =	89.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.659	494935	3.998 ug/ml
2) T Naphthalene (C11.7)	6.332	567423	4.336 ug/ml
3) T 2-Methylnaphthalene (...)	7.429	535572	4.042 ug/ml
5) T Acenaphthylene (C15.06)	8.733	598452	4.535 ug/ml
7) T Acenaphthene (C15.5)	9.033	619817	4.747 ug/ml
8) T Flouorene (C16.55)	9.820	623926	4.797 ug/ml
9) T Phenanthrene (C19.36)	11.226	633414	4.884 ug/ml
10) T Anthracene (C19.43)	11.300	638710	4.946 ug/ml
12) T Fluoranthene (C21.85)	13.046	613607	4.696 ug/ml
13) T Pyrene (C20.8)	13.345	668401	5.156 ug/ml
14) T Benzo[a]anthracene (C...	15.223	651858	5.170 ug/ml
15) T Chrysene (C27.41)	15.265	726458	5.692 ug/ml
16) T benzo[b]fluoranthene ...	16.780	635904	5.077 ug/ml
17) T Bnezo[k]fluoranthene ...	16.811	639928	5.401 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.160	609314	4.986 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.530	610728	5.475 ug/ml
20) T Dibenz[a,h]anthracene...	18.572	636571	5.467 ug/ml
21) T Benzo[g,h,i]perylene ...	18.784	589226	5.063 ug/ml

(f)=RT Delta > 1/2 Window

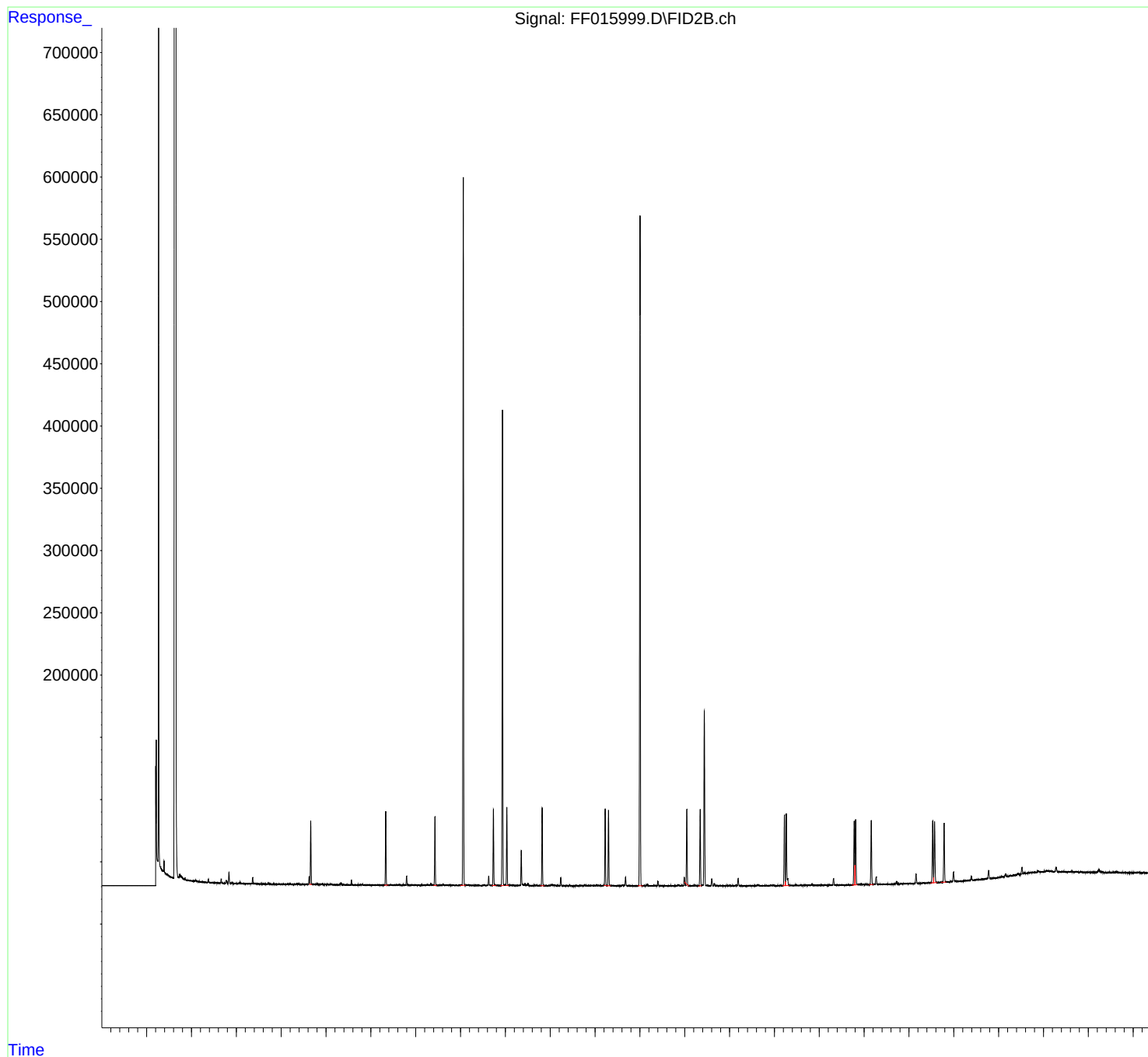
(m)=manual int.

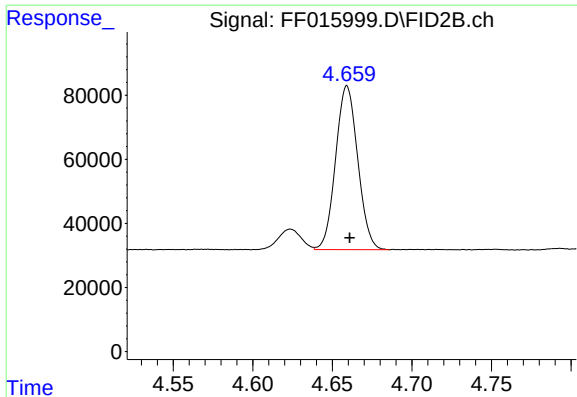
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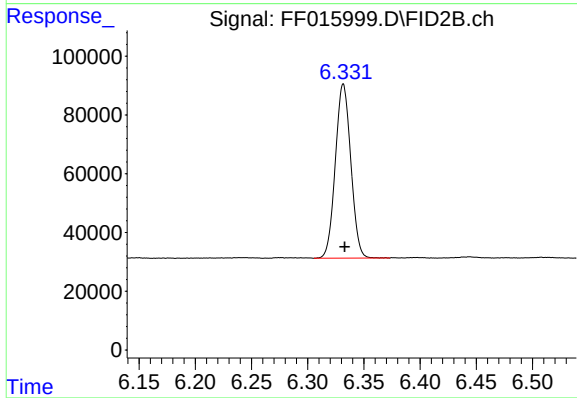




#1 1,2,3-Trimethylbenzene (C10.1)

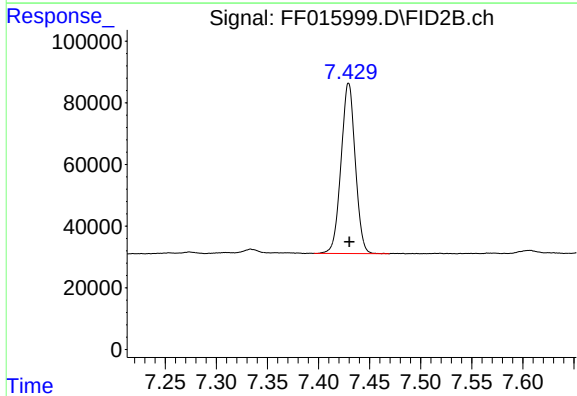
R.T.: 4.659 min
Delta R.T.: -0.002 min
Response: 494935
Conc: 4.00 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



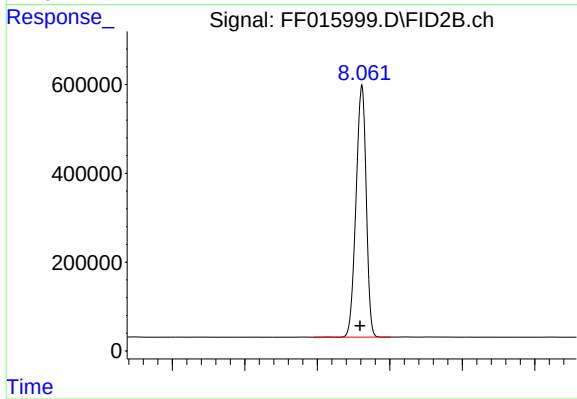
#2 Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 567423
Conc: 4.34 ug/ml



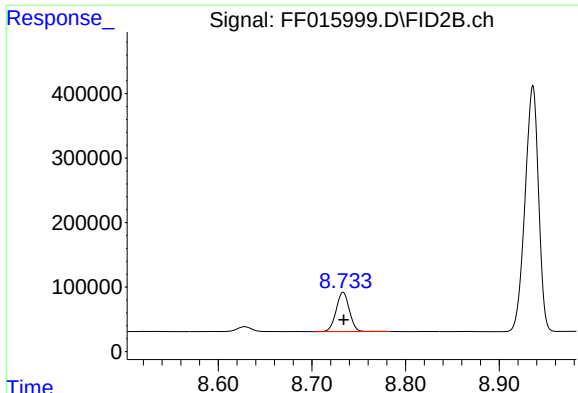
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 535572
Conc: 4.04 ug/ml



#4 2-Bromonaphthalene (SURR)

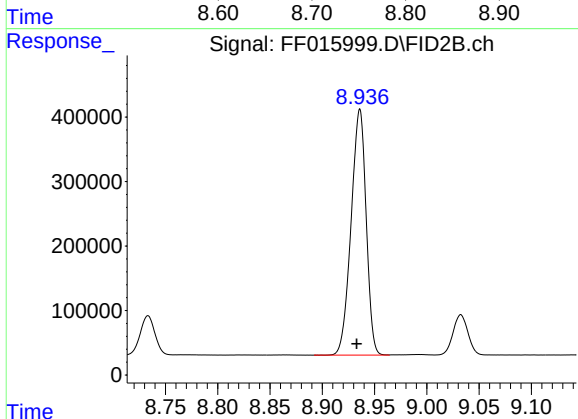
R.T.: 8.061 min
Delta R.T.: 0.002 min
Response: 555181
Conc: 48.89 ug/ml



#5 Acenaphthylene (C15.06)

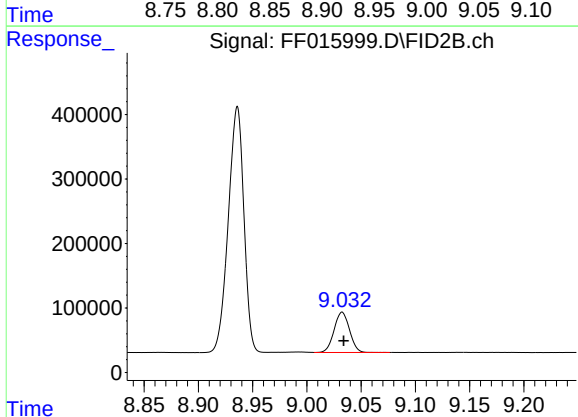
R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 598452
Conc: 4.54 ug/ml

Instrument :
FID_F
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LOD-MDL-WATER-01-QT2-2025



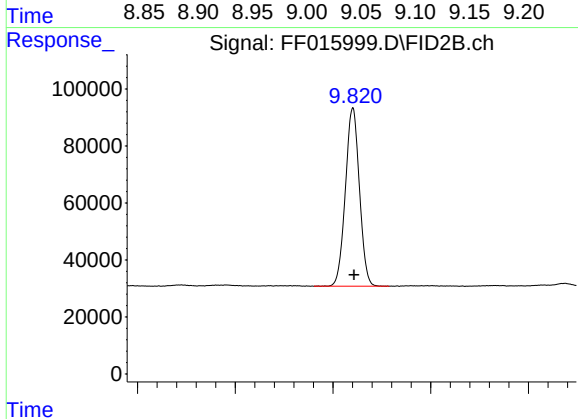
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.936 min
Delta R.T.: 0.003 min
Response: 3819535
Conc: 49.07 ug/ml



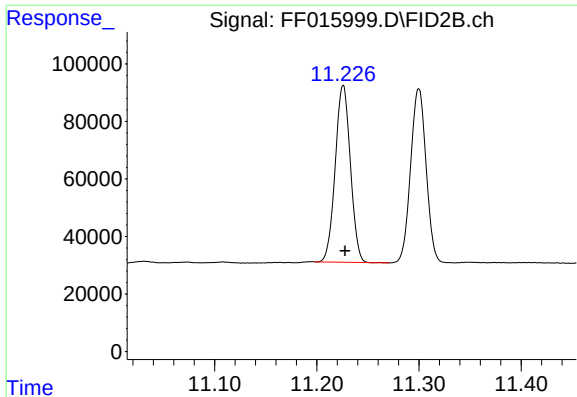
#7 Acenaphthene (C15.5)

R.T.: 9.033 min
Delta R.T.: -0.001 min
Response: 619817
Conc: 4.75 ug/ml



#8 Fluorene (C16.55)

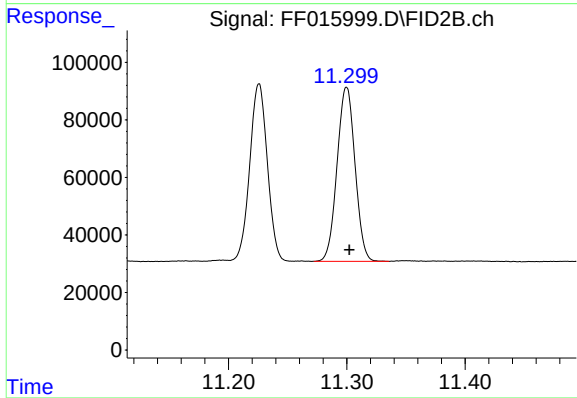
R.T.: 9.820 min
Delta R.T.: -0.001 min
Response: 623926
Conc: 4.80 ug/ml



#9 Phenanthrene (C19.36)

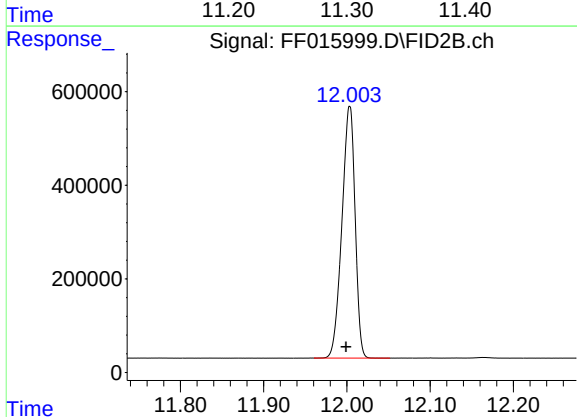
R.T.: 11.226 min
Delta R.T.: -0.002 min
Response: 633414
Conc: 4.88 ug/ml

Instrument :
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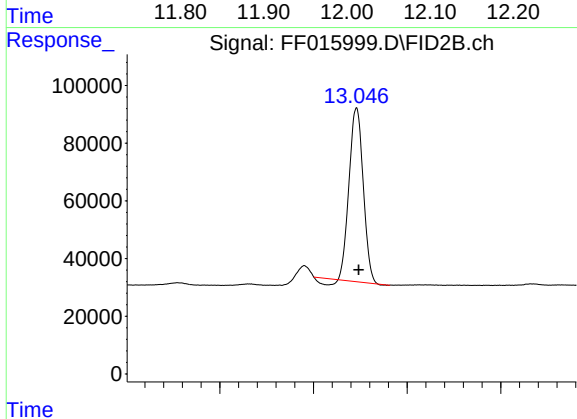
#10 Anthracene (C19.43)

R.T.: 11.300 min
Delta R.T.: -0.002 min
Response: 638710
Conc: 4.95 ug/ml



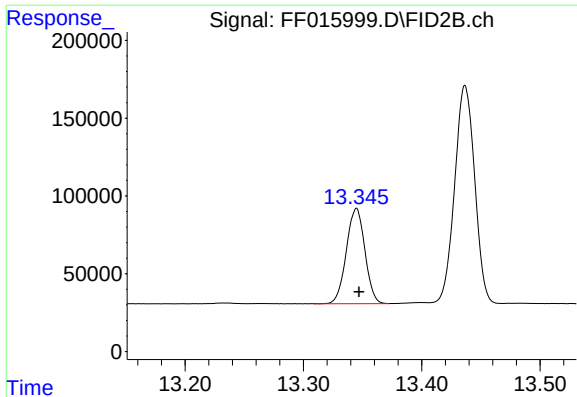
#11 ortho-Terphenyl (SURR)

R.T.: 12.003 min
Delta R.T.: 0.004 min
Response: 5919391
Conc: 44.75 ug/ml



#12 Fluoranthene (C21.85)

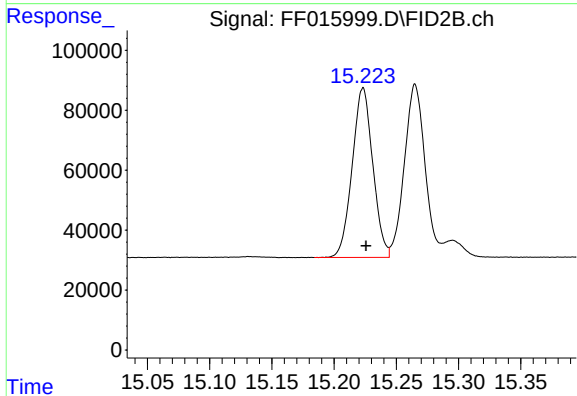
R.T.: 13.046 min
Delta R.T.: -0.002 min
Response: 613607
Conc: 4.70 ug/ml



#13 Pyrene (C20.8)

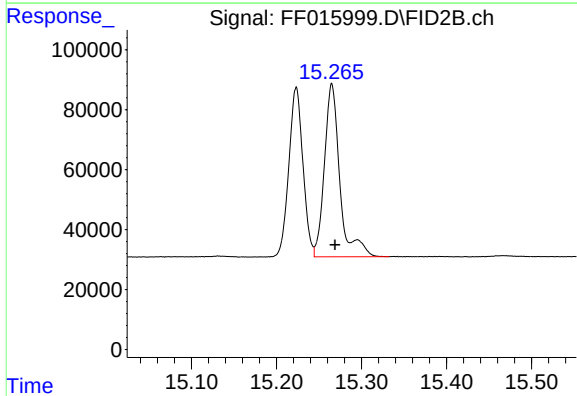
R.T.: 13.345 min
Delta R.T.: -0.002 min
Response: 668401
Conc: 5.16 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



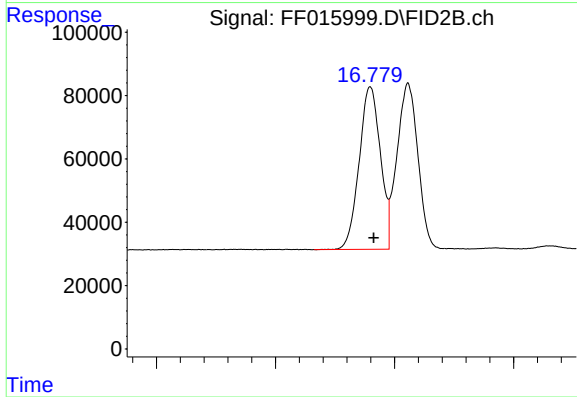
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.223 min
Delta R.T.: -0.002 min
Response: 651858
Conc: 5.17 ug/ml



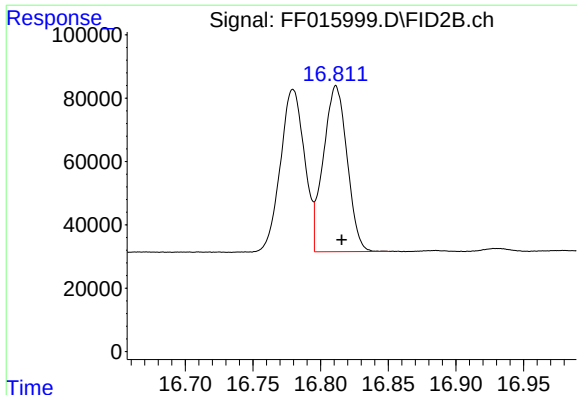
#15 Chrysene (C27.41)

R.T.: 15.265 min
Delta R.T.: -0.004 min
Response: 726458
Conc: 5.69 ug/ml



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

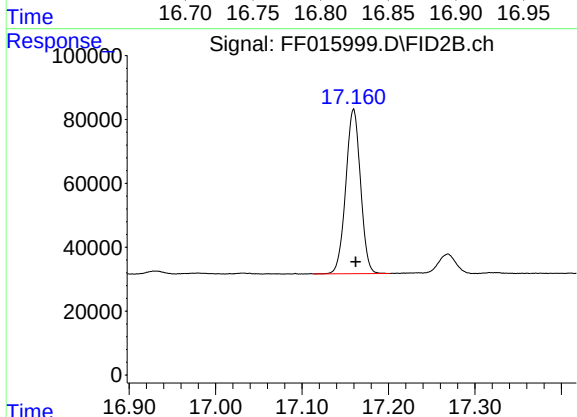
R.T.: 16.780 min
Delta R.T.: -0.003 min
Response: 635904
Conc: 5.08 ug/ml



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

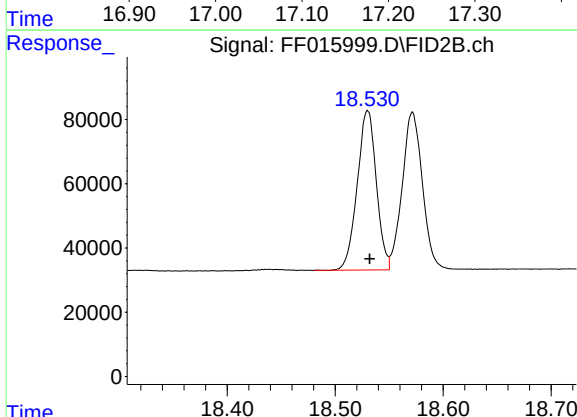
R.T.: 16.811 min
Delta R.T.: -0.004 min
Response: 639928
Conc: 5.40 ug/ml

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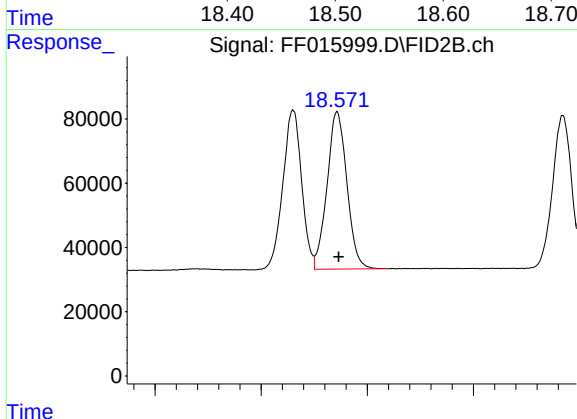
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.160 min
Delta R.T.: -0.002 min
Response: 609314
Conc: 4.99 ug/ml



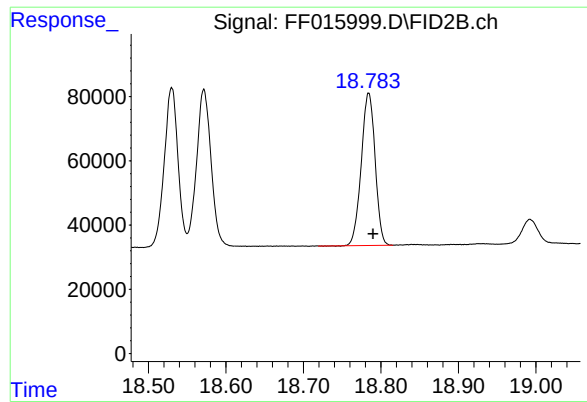
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.530 min
Delta R.T.: -0.002 min
Response: 610728
Conc: 5.47 ug/ml



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

R.T.: 18.572 min
Delta R.T.: -0.002 min
Response: 636571
Conc: 5.47 ug/ml



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

R.T.: 18.784 min
Delta R.T.: -0.006 min
Response: 589226
Conc: 5.06 ug/ml

Instrument :
FID_F
ClientSampleId :
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