

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045429.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 05:16
 Operator : YP/AJ
 Sample : 02213-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 07:15:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 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...	7.549	6422334	46.875 ug/ml
Spiked Amount 50.000		Recovery =	93.75%
6) S 2-Fluorobiphenyl (SURR)	8.404	4200375	46.854 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.71%
11) S ortho-Terphenyl (SURR)	11.444	6502028	37.371 ug/ml
Spiked Amount 50.000		Recovery =	74.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	478376	3.071 ug/ml
2) T Naphthalene (C11.7)	5.886	546177	3.399 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	552828	3.453 ug/ml
5) T Acenaphthylene (C15.06)	8.205	526848	3.598 ug/ml
7) T Acenaphthene (C15.5)	8.500	550267	3.548 ug/ml
8) T Flouorene (C16.55)	9.278	545190	3.677 ug/ml
9) T Phenanthrene (C19.36)	10.668	503908	3.479 ug/ml
10) T Anthracene (C19.43)	10.741	494516	3.578 ug/ml
12) T Fluoranthene (C21.85)	12.471	507039	3.524 ug/ml
13) T Pyrene (C20.8)	12.765	508459	3.616 ug/ml
14) T Benzo[a]anthracene (C...	14.629	458731	3.577 ug/ml
15) T Chrysene (C27.41)	14.670	475317	3.585 ug/ml
16) T benzo[b]fluoranthene ...	16.169	451506	3.476 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	455609	3.597 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	401338	3.192 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	385737	3.259 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	396473	3.328 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	416339	3.333 ug/ml

(f)=RT Delta > 1/2 Window

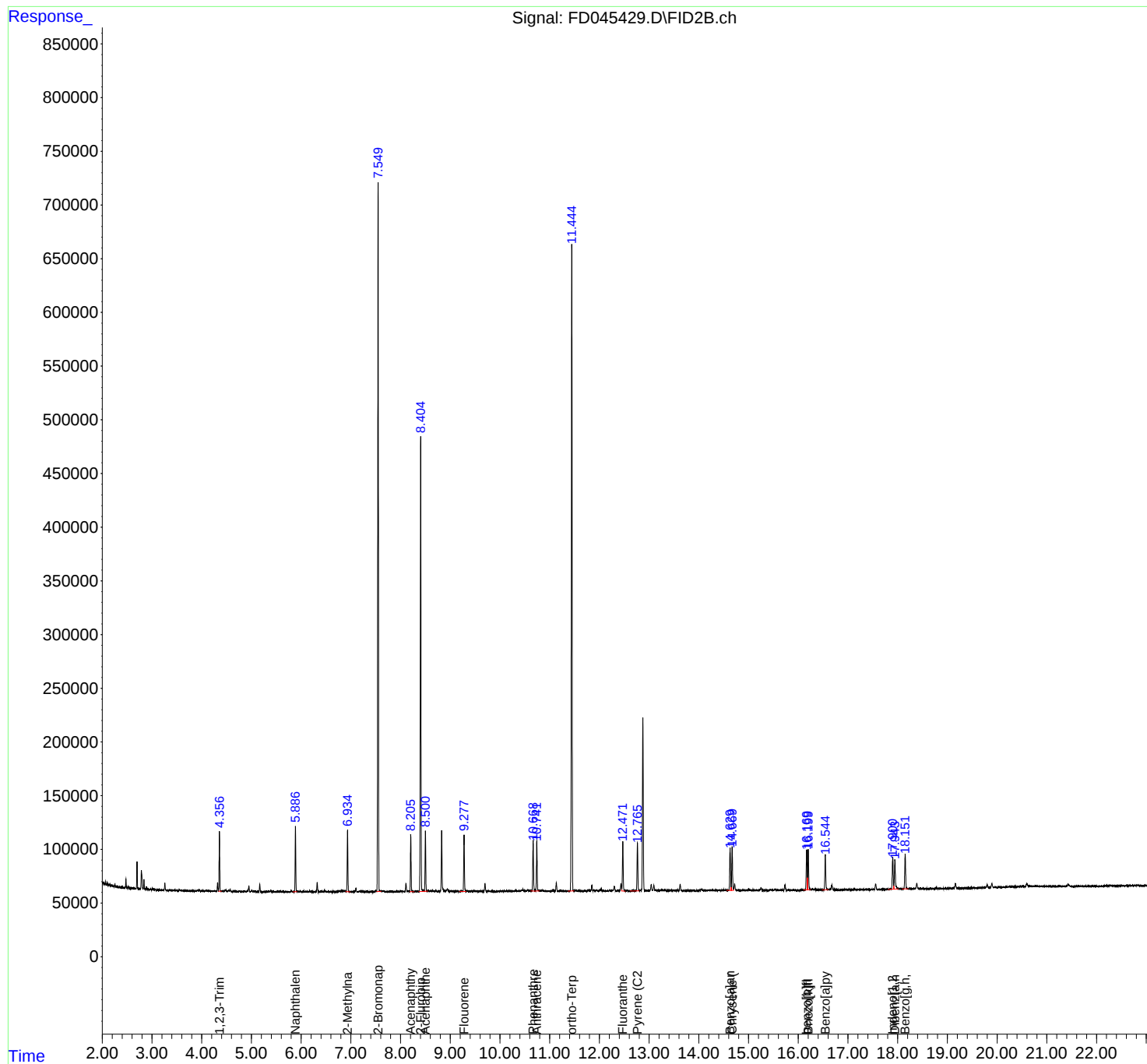
(m)=manual int.

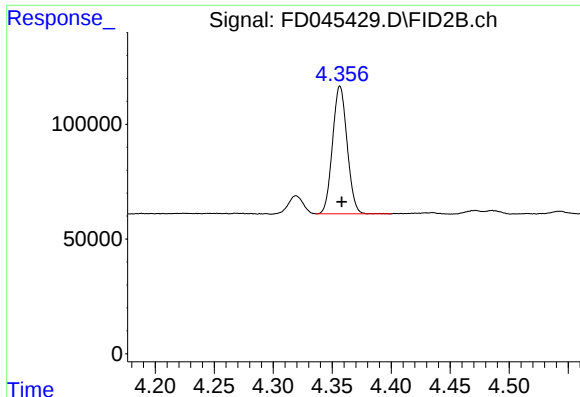
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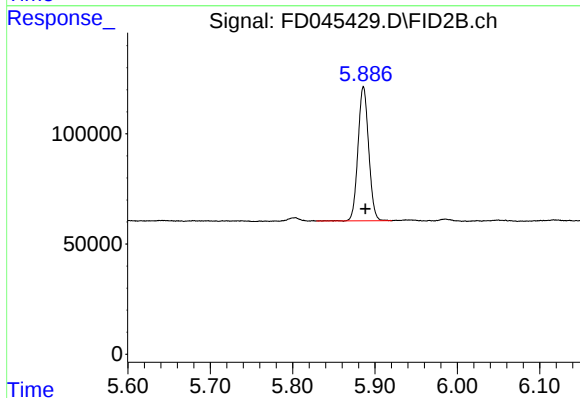




#1 1,2,3-Trimethylbenzene (C10.1)

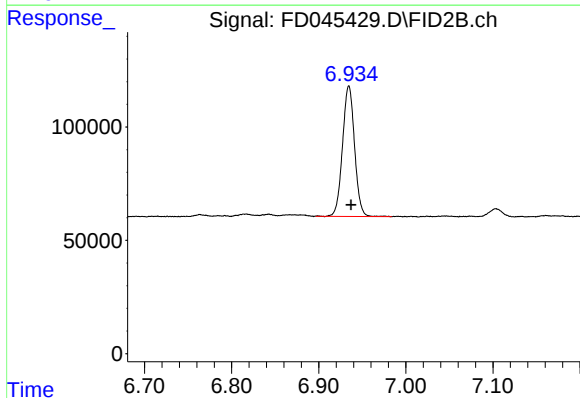
R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 478376
Conc: 3.07 ug/ml

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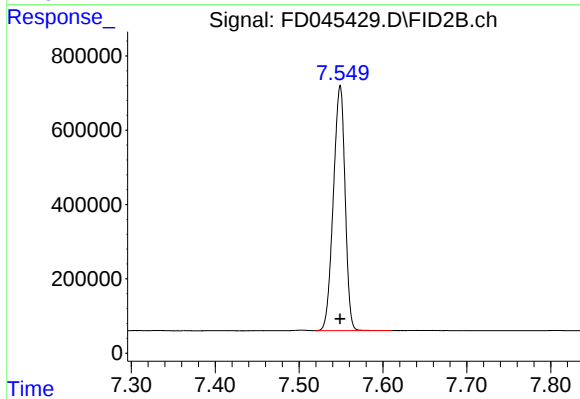
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 546177
Conc: 3.40 ug/ml



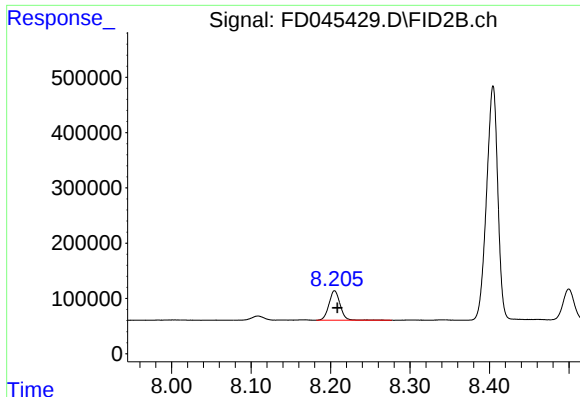
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.003 min
Response: 552828
Conc: 3.45 ug/ml



#4 2-Bromonaphthalene (SURR)

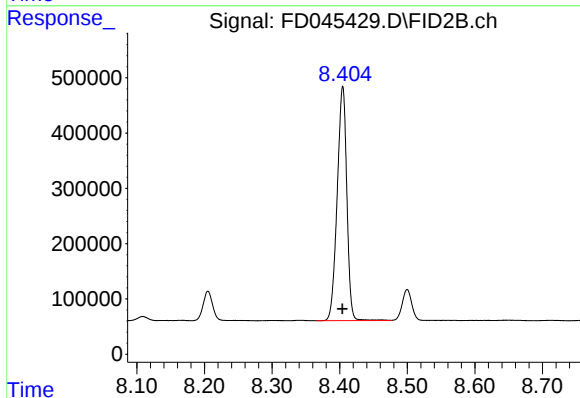
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 6422334
Conc: 46.88 ug/ml



#5 Acenaphthylene (C15.06)

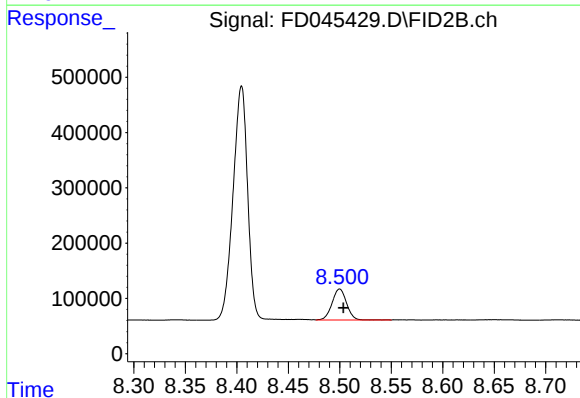
R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 526848
Conc: 3.60 ug/ml

Instrument :
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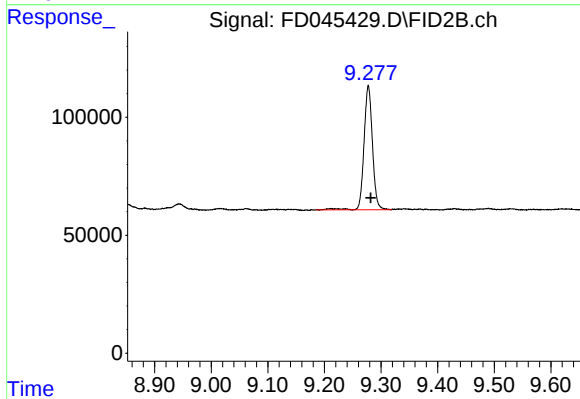
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 4200375
Conc: 46.85 ug/ml



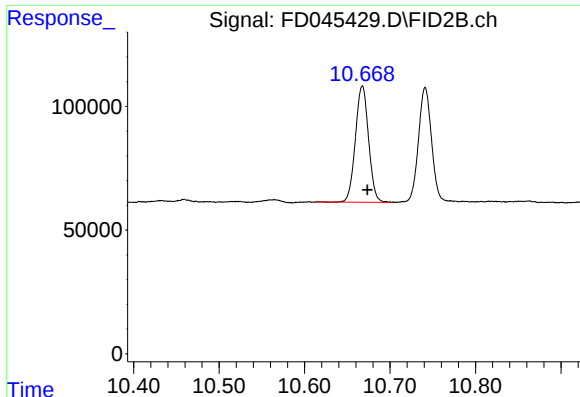
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.004 min
Response: 550267
Conc: 3.55 ug/ml



#8 Fluorene (C16.55)

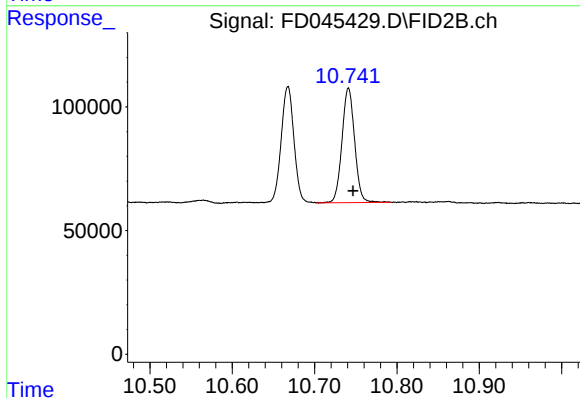
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 545190
Conc: 3.68 ug/ml



#9 Phenanthrene (C19.36)

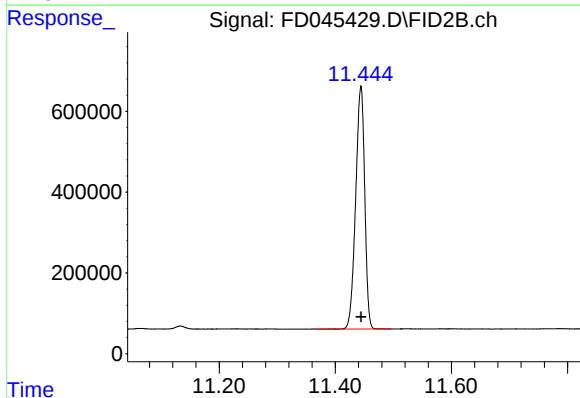
R.T.: 10.668 min
Delta R.T.: -0.006 min
Response: 503908
Conc: 3.48 ug/ml

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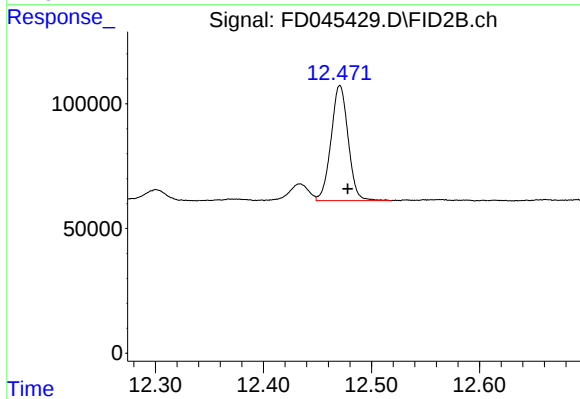
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: -0.006 min
Response: 494516
Conc: 3.58 ug/ml



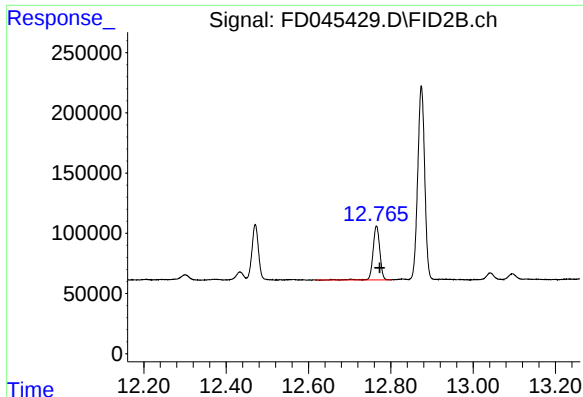
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 6502028
Conc: 37.37 ug/ml



#12 Fluoranthene (C21.85)

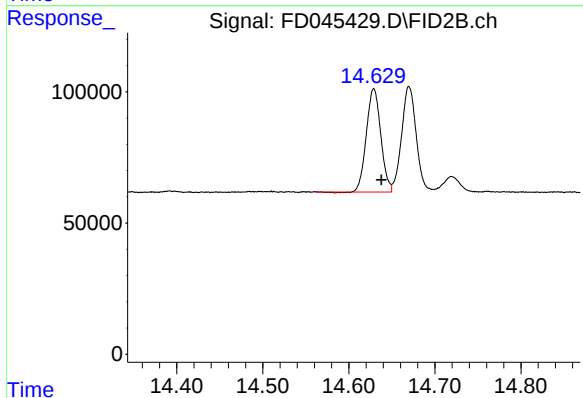
R.T.: 12.471 min
Delta R.T.: -0.007 min
Response: 507039
Conc: 3.52 ug/ml



#13 Pyrene (C20.8)

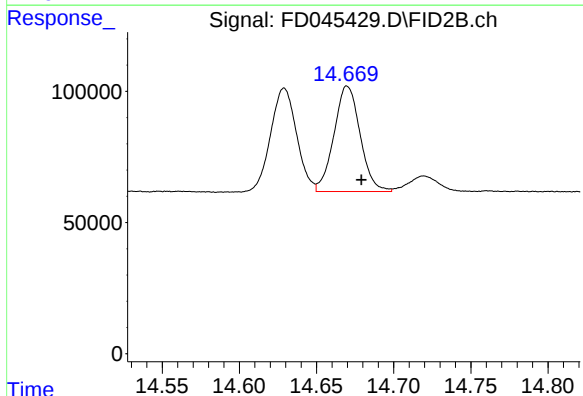
R.T.: 12.765 min
Delta R.T.: -0.008 min
Response: 508459
Conc: 3.62 ug/ml

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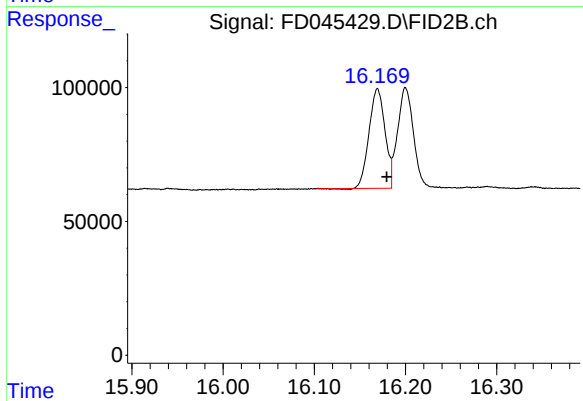
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: -0.009 min
Response: 458731
Conc: 3.58 ug/ml



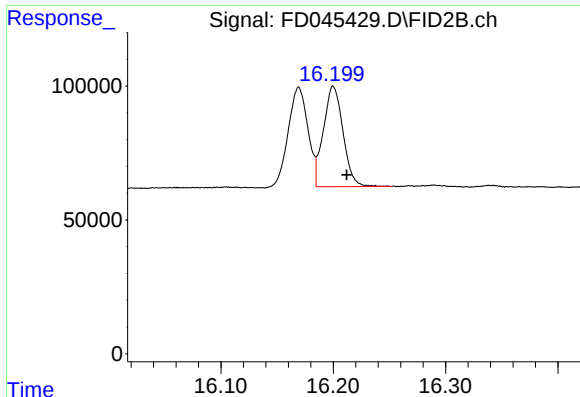
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: -0.009 min
Response: 475317
Conc: 3.58 ug/ml



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

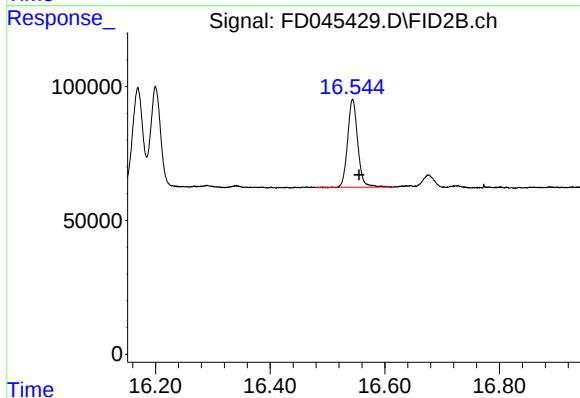
R.T.: 16.169 min
Delta R.T.: -0.010 min
Response: 451506
Conc: 3.48 ug/ml



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

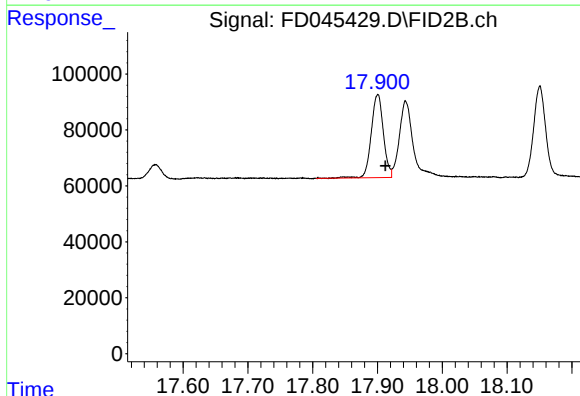
R.T.: 16.200 min
Delta R.T.: -0.012 min
Response: 455609
Conc: 3.60 ug/ml

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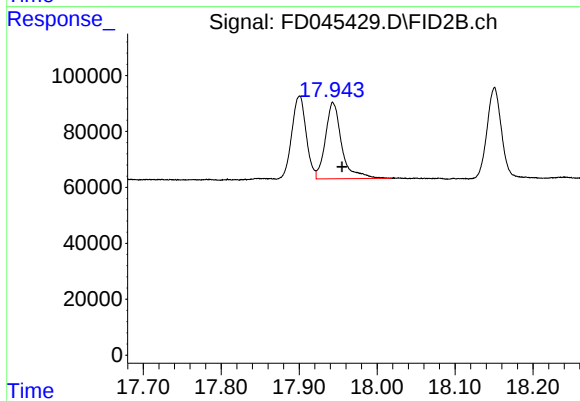
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: -0.011 min
Response: 401338
Conc: 3.19 ug/ml



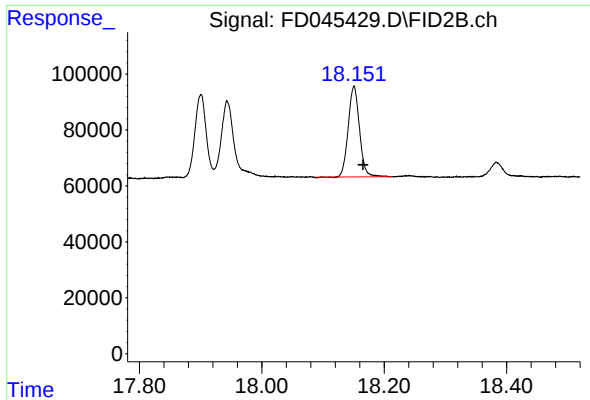
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: -0.012 min
Response: 385737
Conc: 3.26 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.012 min
Response: 396473
Conc: 3.33 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.015 min
Response: 416339
Conc: 3.33 ug/ml

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