

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AR\
 Data File : FD028501.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2019 8:41
 Operator : AJ\SJ
 Sample : K2023-06
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 AC-Y-MW03S-0319MS

Manual Integrations
 APPROVED

Sohil
 4/2/2019 10:24:36 AM

Integration File: autoint1.e
 Quant Time: Mar 26 12:34:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.122	4398533	46.362 ug/ml
Spiked Amount 50.000		Recovery =	92.72%
6) S 2-Fluorobiphenyl (SURR)	7.990	2988105	45.835 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.67%
11) S ortho-Terphenyl (SURR)	11.030	3782235	33.993 ug/ml
Spiked Amount 50.000		Recovery =	67.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.941	3099025	31.680 ug/mlm
2) T Naphthalene (C11.7)	5.465	3499493	32.847 ug/ml
3) T 2-Methylnaphthalene (...)	6.514	3584626	33.507 ug/ml
5) T Acenaphthylene (C15.06)	7.793	3515383	33.948 ug/ml
7) T Acenaphthene (C15.5)	8.090	3654575	33.690 ug/ml
8) T Flouorene (C16.55)	8.870	3661419	33.678 ug/ml
9) T Phenanthrene (C19.36)	10.268	3737854	34.518 ug/ml
10) T Anthracene (C19.43)	10.344	3747051	34.881 ug/ml
12) T Fluoranthene (C21.85)	12.081	3819560	35.329 ug/ml
13) T Pyrene (C20.8)	12.381	3760198	34.918 ug/ml
14) T Benzo[a]anthracene (C...	14.249	3611588	34.446 ug/ml
15) T Chrysene (C27.41)	14.292	4138921	39.529 ug/ml
16) T benzo[b]fluoranthene ...	15.799	3654523	33.717 ug/ml
17) T Bnezo[k]fluoranthene ...	15.831	3503171	32.644 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.178	3384468	31.280 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.541	3607074	32.640 ug/ml
20) T Dibenz[a,h]anthracene...	17.579	3549541	33.020 ug/ml
21) T Benzo[g,h,i]perylene ...	17.798	3585988	33.089 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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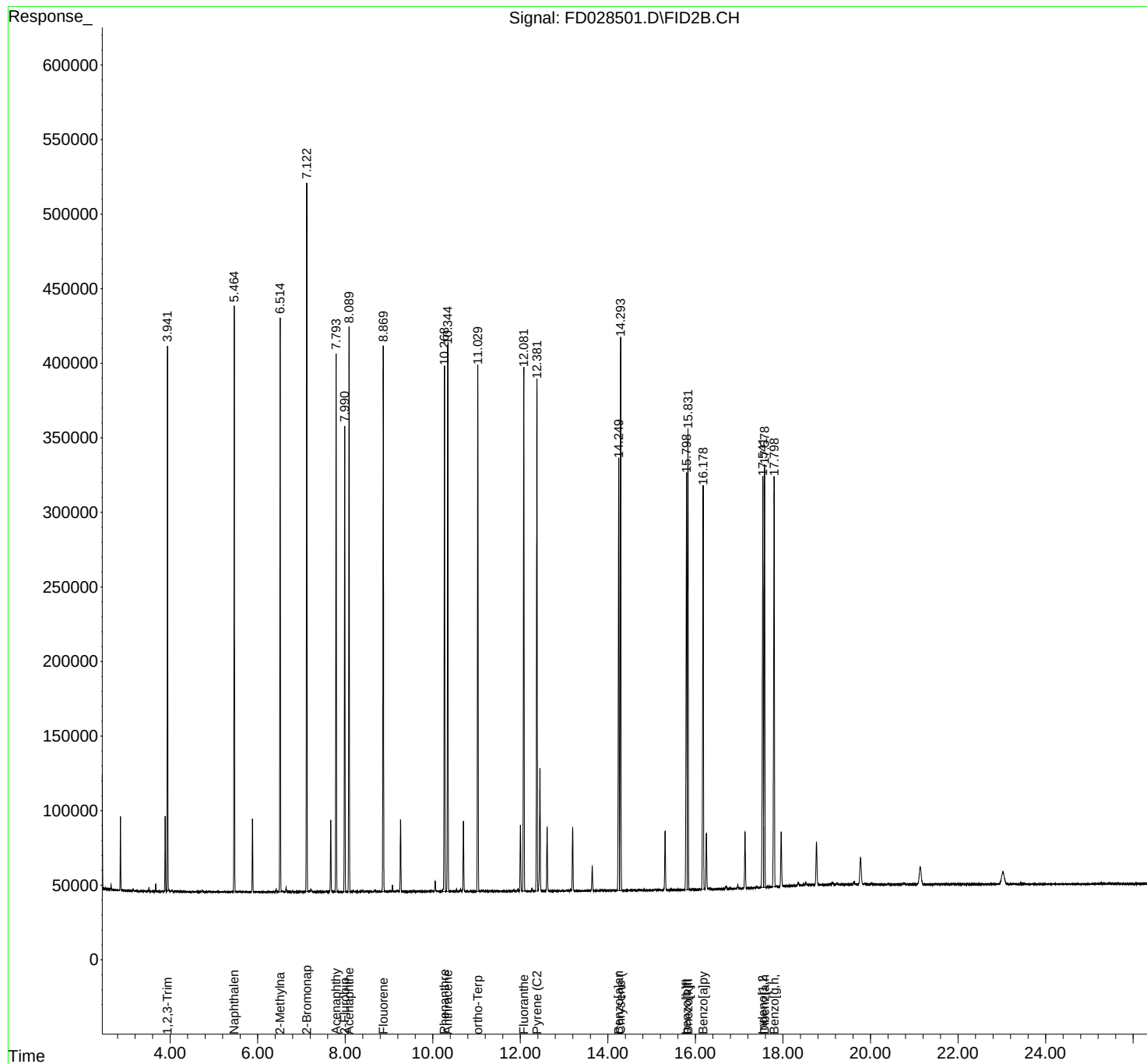
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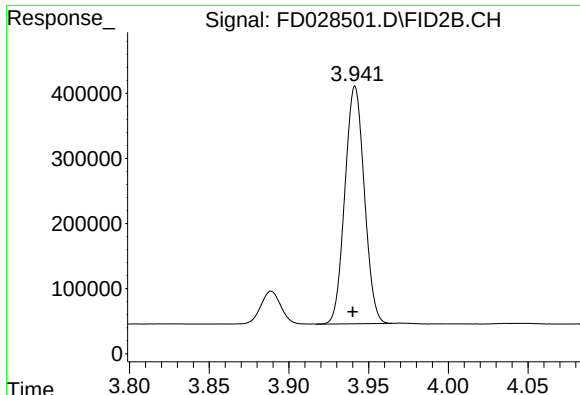
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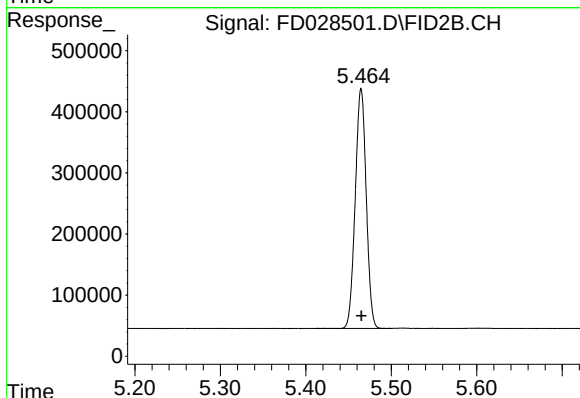
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 3099025
Conc: 31.68 ug/ml m

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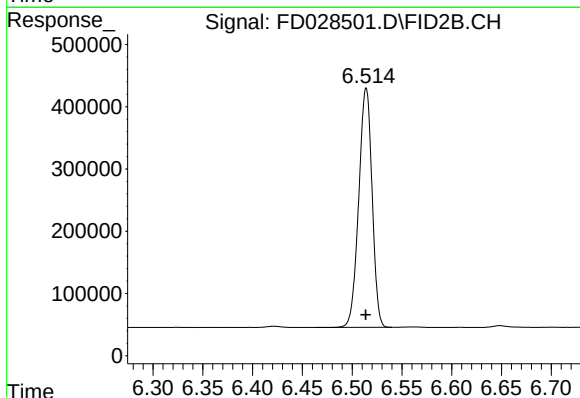
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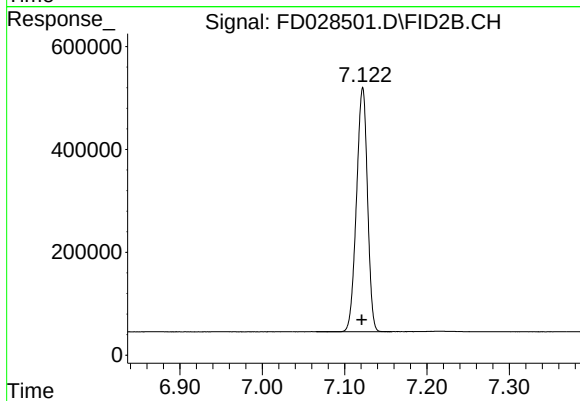
#2 Naphthalene (C11.7)

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 3499493
Conc: 32.85 ug/ml



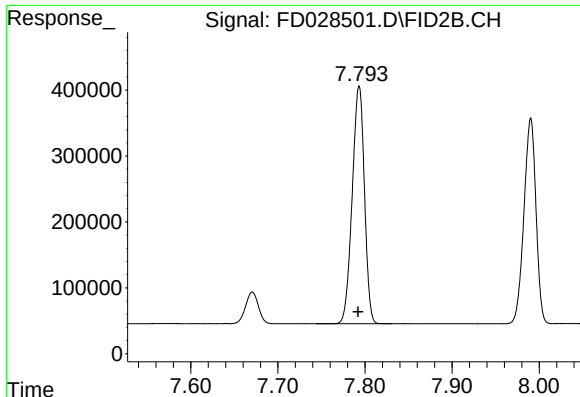
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 3584626
Conc: 33.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.122 min
Delta R.T.: 0.001 min
Response: 4398533
Conc: 46.36 ug/ml



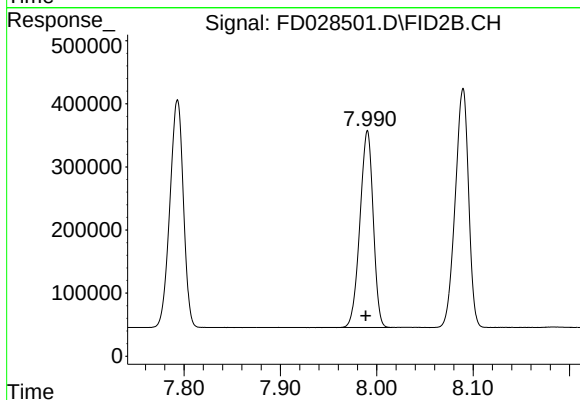
#5 Acenaphthylene (C15.06)

R.T.: 7.793 min
Delta R.T.: 0.001 min
Response: 3515383
Conc: 33.95 ug/ml

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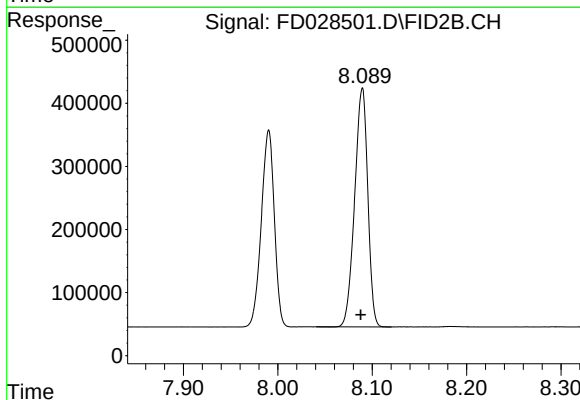
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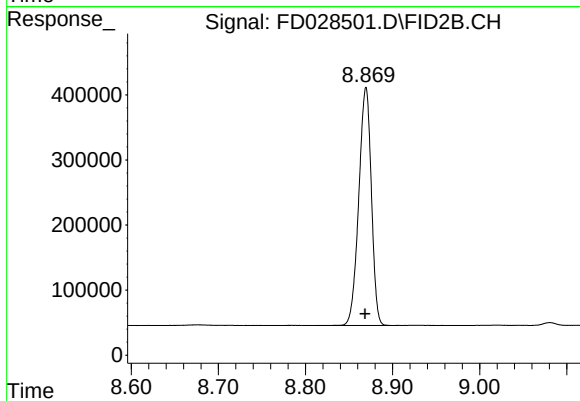
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.990 min
Delta R.T.: 0.002 min
Response: 2988105
Conc: 45.84 ug/ml



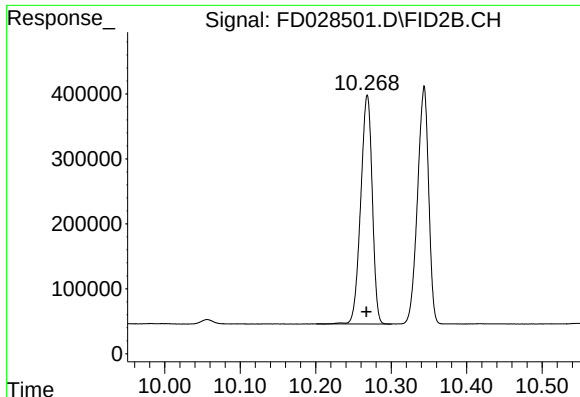
#7 Acenaphthene (C15.5)

R.T.: 8.090 min
Delta R.T.: 0.002 min
Response: 3654575
Conc: 33.69 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 3661419
Conc: 33.68 ug/ml



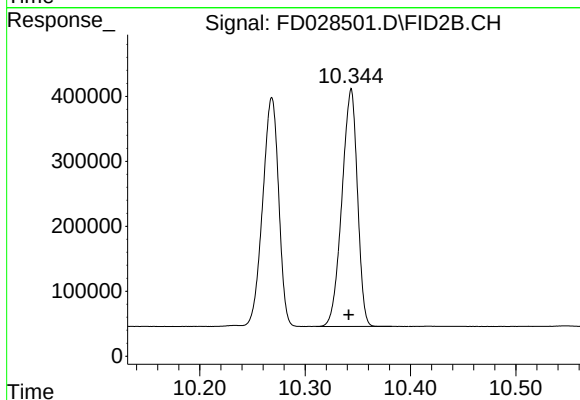
#9 Phenanthrene (C19.36)

R.T.: 10.268 min
Delta R.T.: 0.001 min
Response: 3737854
Conc: 34.52 ug/ml

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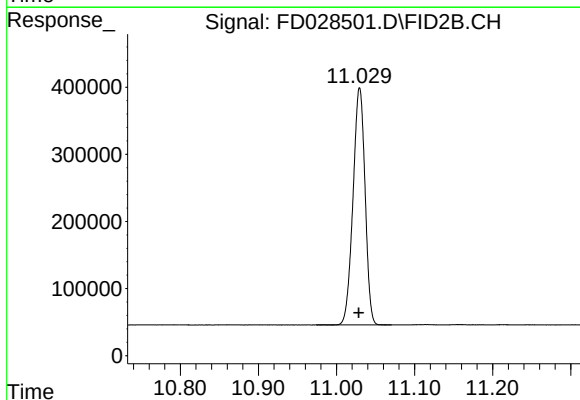
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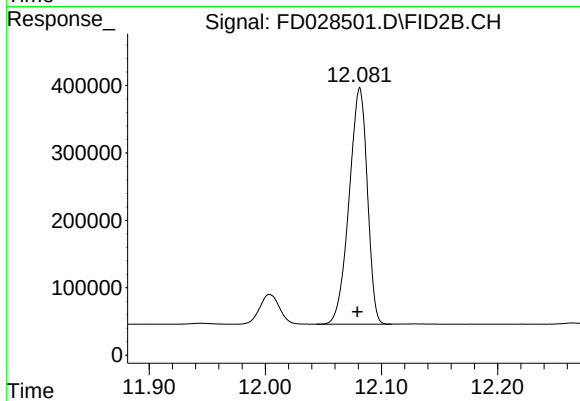
#10 Anthracene (C19.43)

R.T.: 10.344 min
Delta R.T.: 0.002 min
Response: 3747051
Conc: 34.88 ug/ml



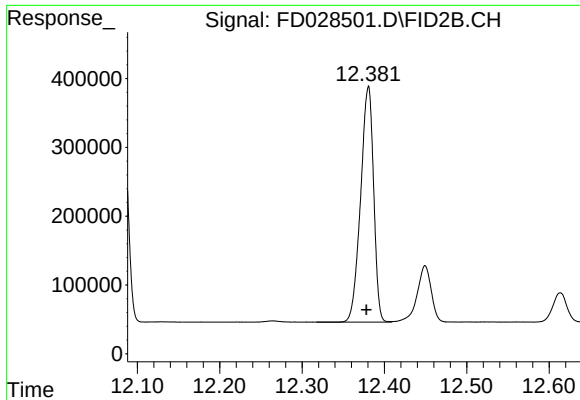
#11 ortho-Terphenyl (SURR)

R.T.: 11.030 min
Delta R.T.: 0.001 min
Response: 3782235
Conc: 33.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.081 min
Delta R.T.: 0.002 min
Response: 3819560
Conc: 35.33 ug/ml



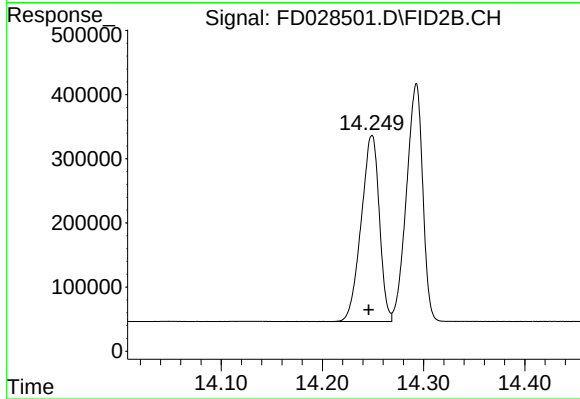
#13 Pyrene (C20.8)

R.T.: 12.381 min
Delta R.T.: 0.002 min
Response: 3760198
Conc: 34.92 ug/ml

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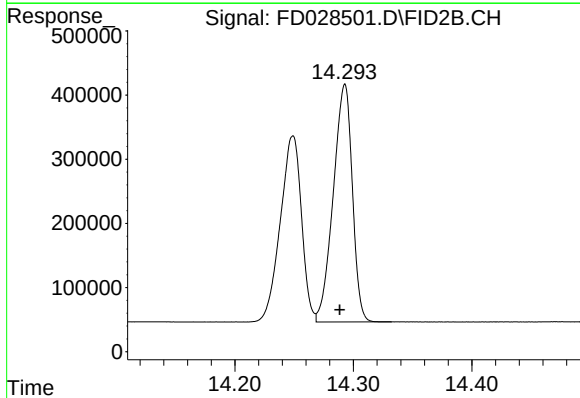
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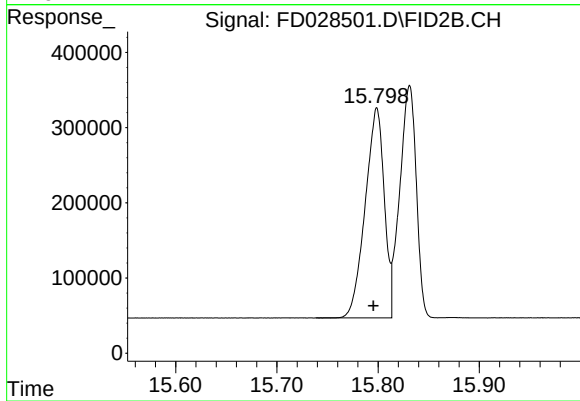
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.249 min
Delta R.T.: 0.003 min
Response: 3611588
Conc: 34.45 ug/ml



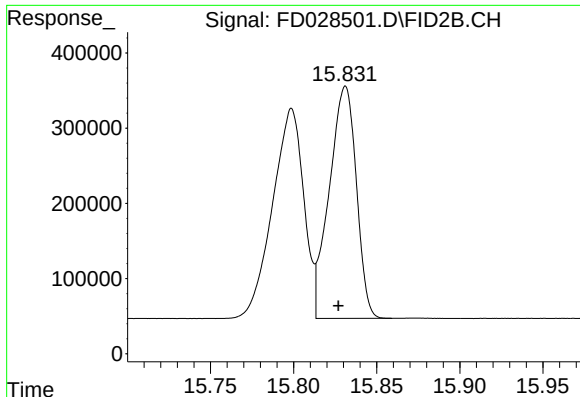
#15 Chrysene (C27.41)

R.T.: 14.292 min
Delta R.T.: 0.004 min
Response: 4138921
Conc: 39.53 ug/ml



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

R.T.: 15.799 min
Delta R.T.: 0.003 min
Response: 3654523
Conc: 33.72 ug/ml



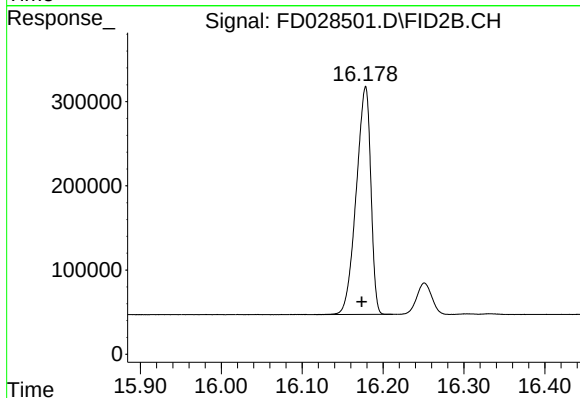
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.831 min
Delta R.T.: 0.004 min
Response: 3503171
Conc: 32.64 ug/ml

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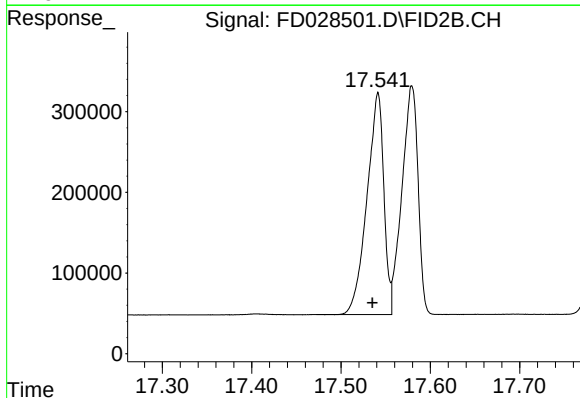
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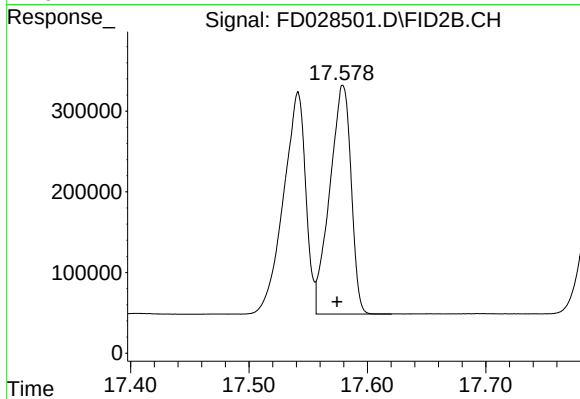
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.178 min
Delta R.T.: 0.004 min
Response: 3384468
Conc: 31.28 ug/ml



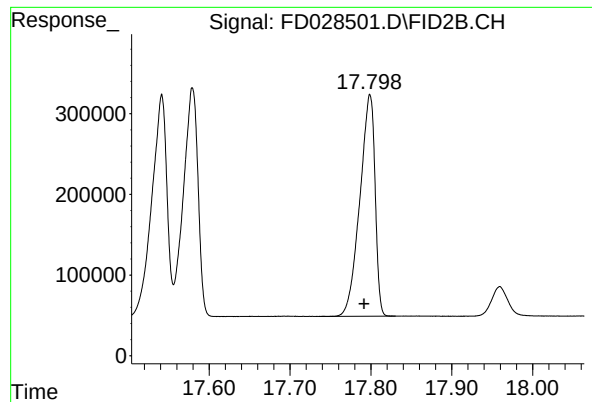
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.541 min
Delta R.T.: 0.006 min
Response: 3607074
Conc: 32.64 ug/ml



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

R.T.: 17.579 min
Delta R.T.: 0.005 min
Response: 3549541
Conc: 33.02 ug/ml



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

R.T.: 17.798 min
Delta R.T.: 0.007 min
Response: 3585988
Conc: 33.09 ug/ml

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