

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021722AR\
 Data File : FD041179.D
 Signal(s) : FID2B.CH
 Acq On : 17 Feb 2022 17:15
 Operator : YP\AJ
 Sample : N1556-01MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 NE-SURFICIAL-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2022
 Supervised By :Ankita Jodhani 02/18/2022

Integration File: sample.E
 Quant Time: Feb 18 01:10:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 2022
 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...	7.352	1044170	49.395 ug/mlm
Spiked Amount 50.000		Recovery =	98.79%
6) S 2-Fluorobiphenyl (SURR)	8.200	688747	53.754 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.51%
11) S ortho-Terphenyl (SURR)	11.233	992344	34.198 ug/ml
Spiked Amount 50.000		Recovery =	68.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	793088	31.252 ug/ml
2) T Naphthalene (C11.7)	5.695	993865	42.797 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	827792	35.012 ug/ml
5) T Acenaphthylene (C15.06)	8.003	873095	32.536 ug/ml
7) T Acenaphthene (C15.5)	8.296	959471	31.850 ug/ml
8) T Flouorene (C16.55)	9.073	981055	39.428 ug/ml
9) T Phenanthrene (C19.36)	10.459	2083704	84.563 ug/ml
10) T Anthracene (C19.43)	10.534	1049583	40.232 ug/ml
12) T Fluoranthene (C21.85)	12.261	2380808	89.373 ug/ml
13) T Pyrene (C20.8)	12.553	1953285	72.201 ug/ml
14) T Benzo[a]anthracene (C...	14.420	1446631	64.935 ug/ml
15) T Chrysene (C27.41)	14.461	1706580	54.222 ug/ml
16) T benzo[b]fluoranthene ...	15.966	1811806	72.825 ug/ml
17) T Bnezo[k]fluoranthene ...	15.995	1266518	41.500 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.339	1277492	50.113 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.700	1187381	50.309 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	1004301	33.895 ug/ml
21) T Benzo[g,h,i]perylene ...	17.950	1116580	42.048 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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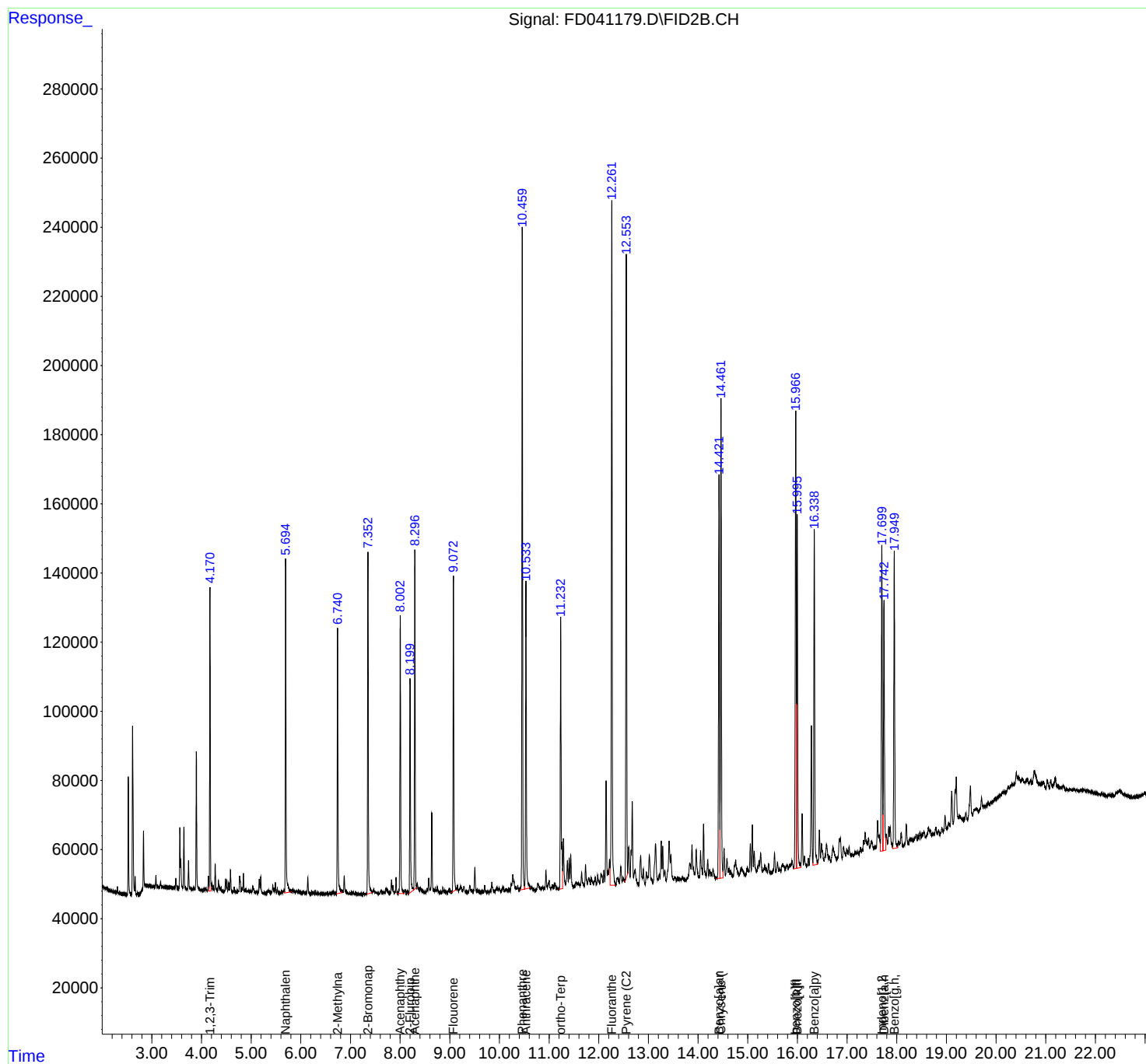
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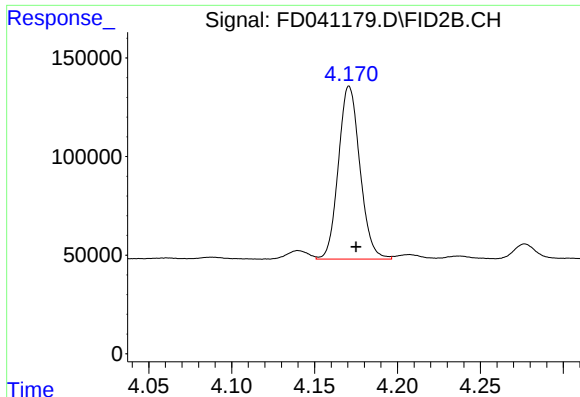
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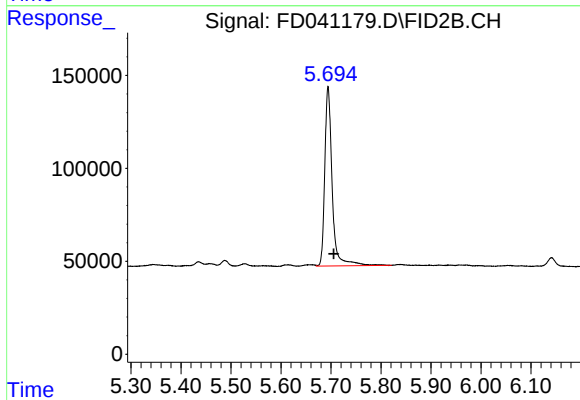
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.171 min
Delta R.T.: -0.004 min
Response: 793088
Conc: 31.25 ug/ml

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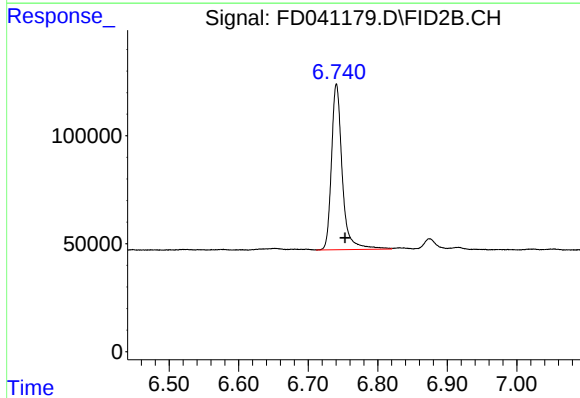
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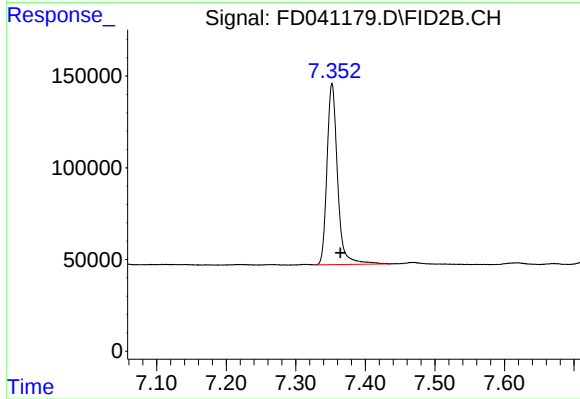
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.011 min
Response: 993865
Conc: 42.80 ug/ml



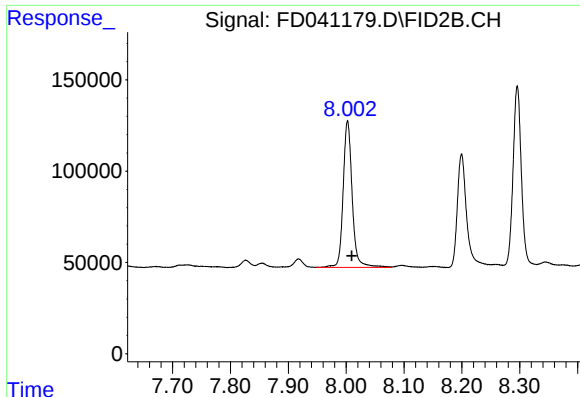
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.012 min
Response: 827792
Conc: 35.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.352 min
Delta R.T.: -0.012 min
Response: 1044170
Conc: 49.40 ug/ml m



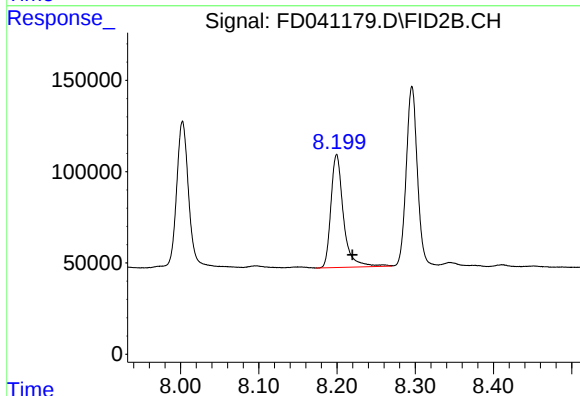
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.007 min
Response: 873095
Conc: 32.54 ug/ml

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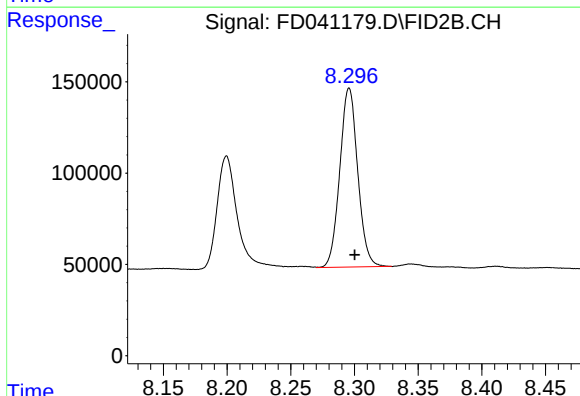
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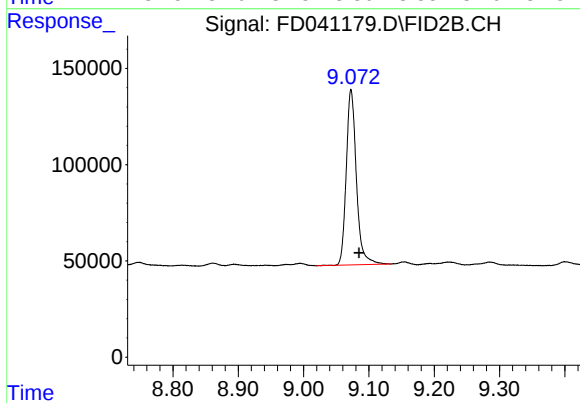
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: -0.020 min
Response: 688747
Conc: 53.75 ug/ml



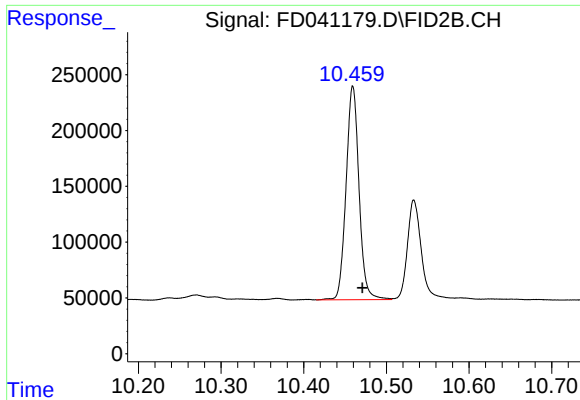
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.005 min
Response: 959471
Conc: 31.85 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.073 min
Delta R.T.: -0.012 min
Response: 981055
Conc: 39.43 ug/ml



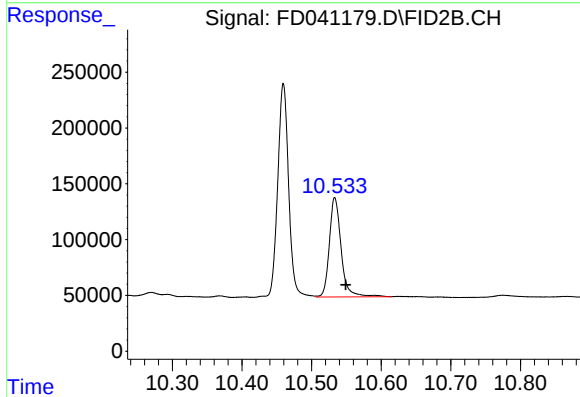
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.012 min
Response: 2083704
Conc: 84.56 ug/ml

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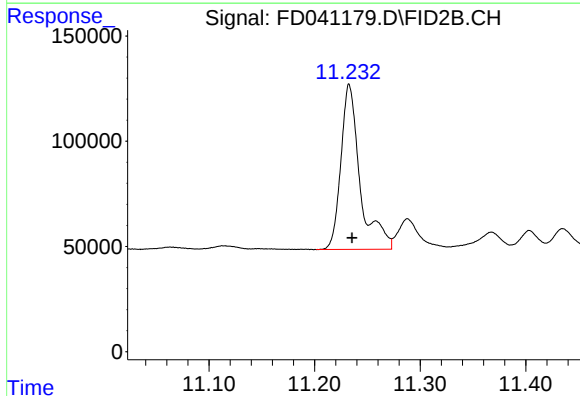
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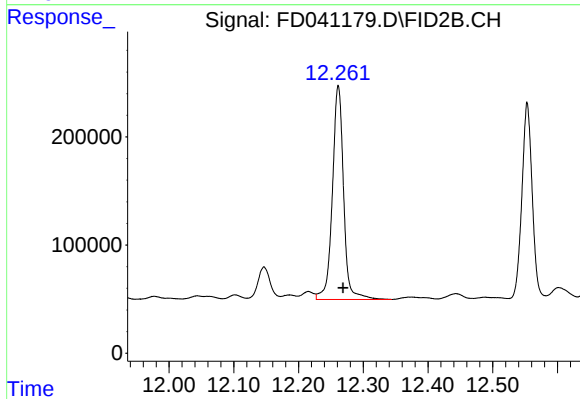
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.015 min
Response: 1049583
Conc: 40.23 ug/ml



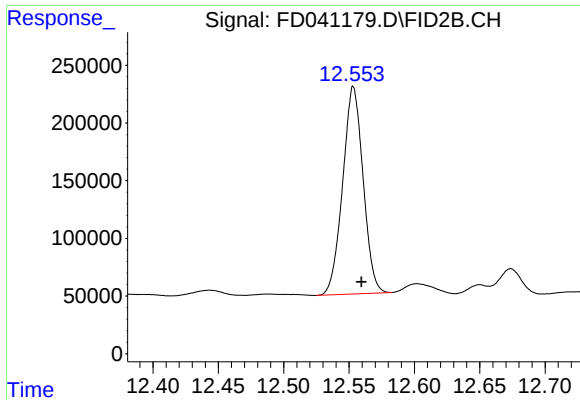
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.002 min
Response: 992344
Conc: 34.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: -0.008 min
Response: 2380808
Conc: 89.37 ug/ml



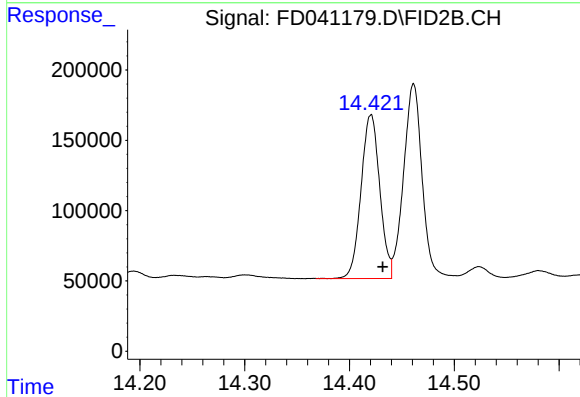
#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: -0.006 min
Response: 1953285
Conc: 72.20 ug/ml

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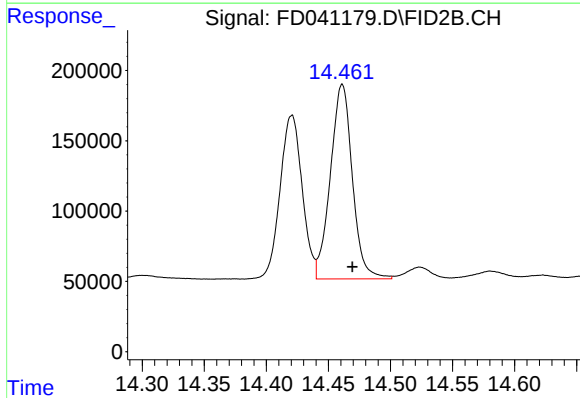
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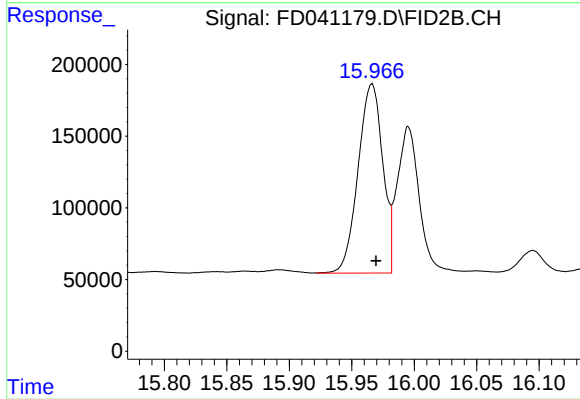
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.011 min
Response: 1446631
Conc: 64.94 ug/ml



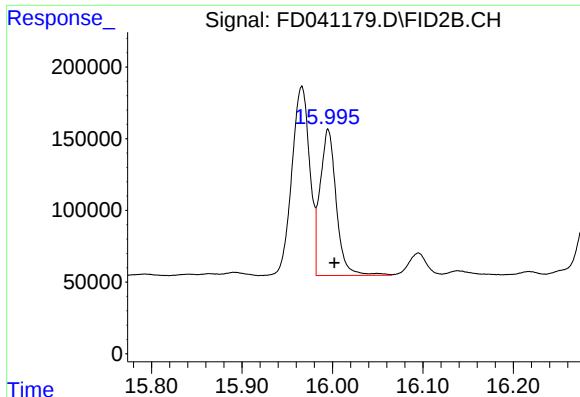
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.008 min
Response: 1706580
Conc: 54.22 ug/ml



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

R.T.: 15.966 min
Delta R.T.: -0.004 min
Response: 1811806
Conc: 72.82 ug/ml



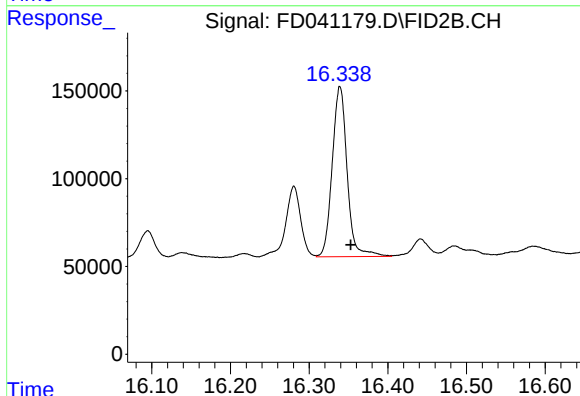
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.995 min
Delta R.T.: -0.007 min
Response: 1266518
Conc: 41.50 ug/ml

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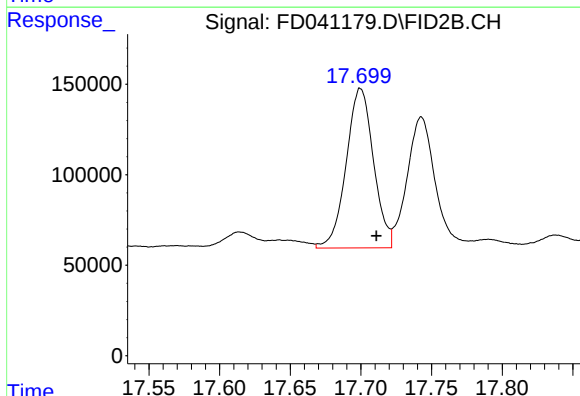
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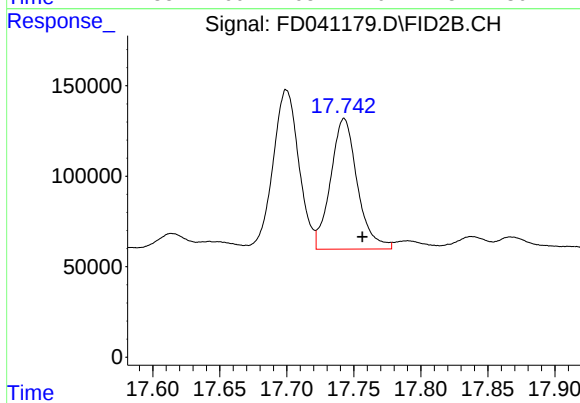
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.339 min
Delta R.T.: -0.014 min
Response: 1277492
Conc: 50.11 ug/ml



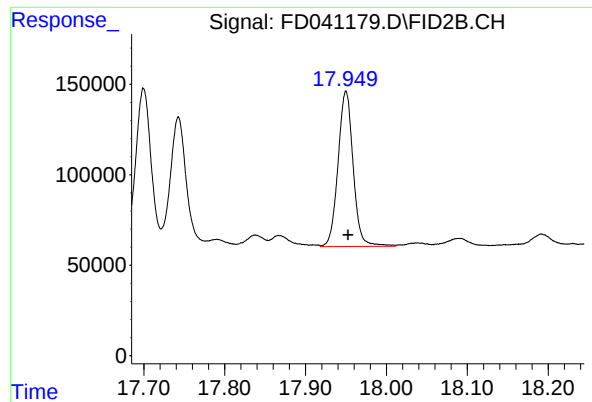
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.700 min
Delta R.T.: -0.011 min
Response: 1187381
Conc: 50.31 ug/ml



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

R.T.: 17.743 min
Delta R.T.: -0.014 min
Response: 1004301
Conc: 33.89 ug/ml



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

R.T.: 17.950 min
Delta R.T.: -0.002 min
Response: 1116580
Conc: 42.05 ug/ml

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