

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AR\
 Data File : FD042648.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2022 13:11
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E
 Quant Time: May 27 14:27:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 14:27:06 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...	7.667	3067350	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.530	2063275	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.578	3574979	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.462	3342717	20.000 ug/ml
2) T Naphthalene (C11.7)	6.004	3455841	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	3193810	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.334	3465029	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.630	3453285	20.000 ug/ml
8) T Flouorene (C16.55)	9.411	3378090	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.809	3322370	20.000 ug/ml
10) T Anthracene (C19.43)	10.883	3090720	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.621	3191672	20.000 ug/ml
13) T Pyrene (C20.8)	12.918	3154409	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.789	2719474	20.000 ug/ml
15) T Chrysene (C27.41)	14.831	2691498	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.338	2692775	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.370	2504019	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.715	2492754	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	2213083	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.119	2250722	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.333	2369224	20.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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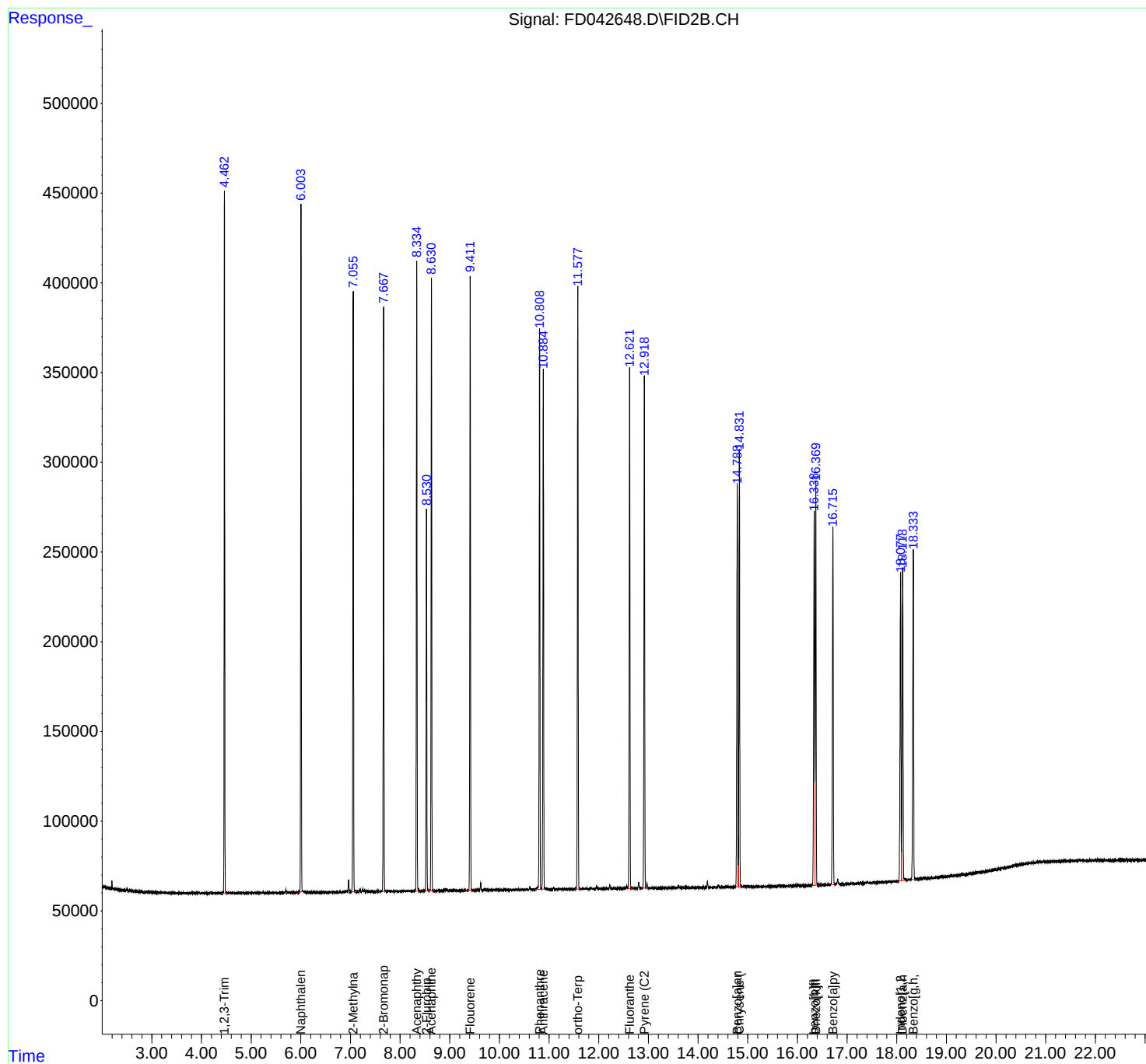
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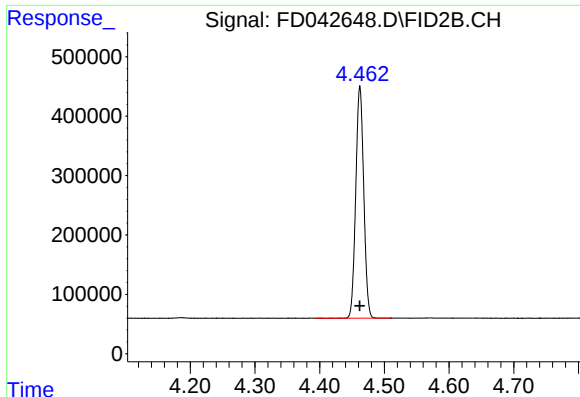
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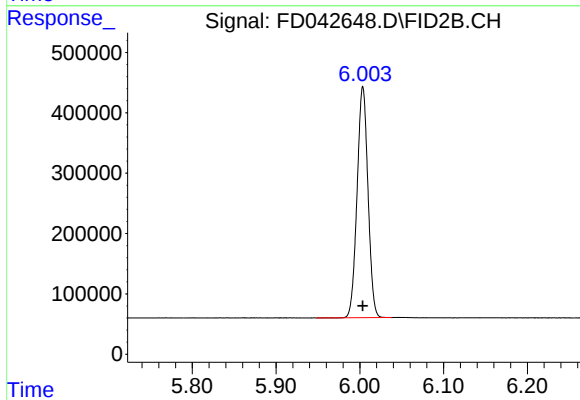
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 3342717
Conc: 20.00 ug/ml

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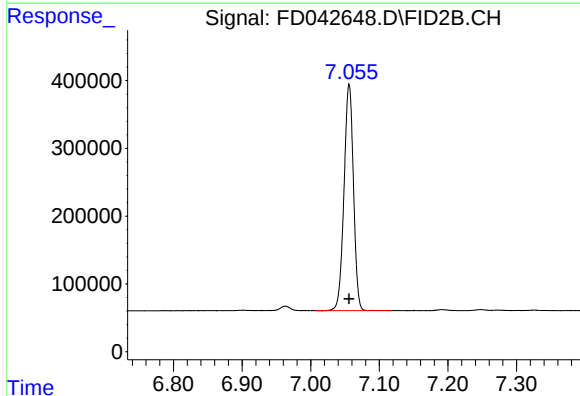
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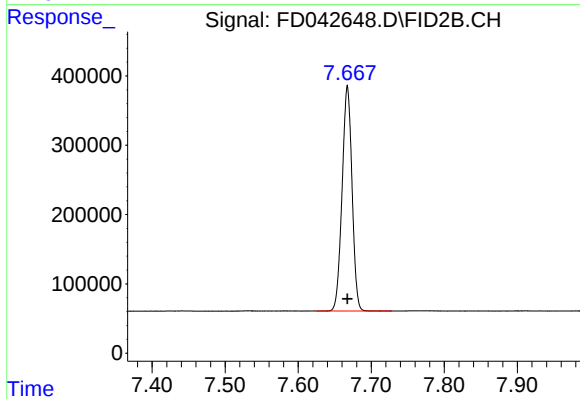
#2 Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 3455841
Conc: 20.00 ug/ml



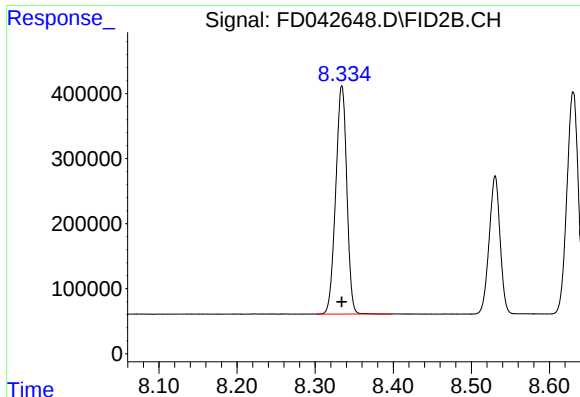
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 3193810
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 3067350
Conc: 20.00 ug/ml



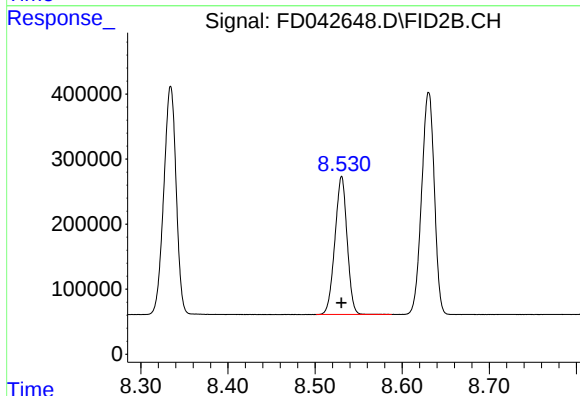
#5 Acenaphthylene (C15.06)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 3465029
Conc: 20.00 ug/ml

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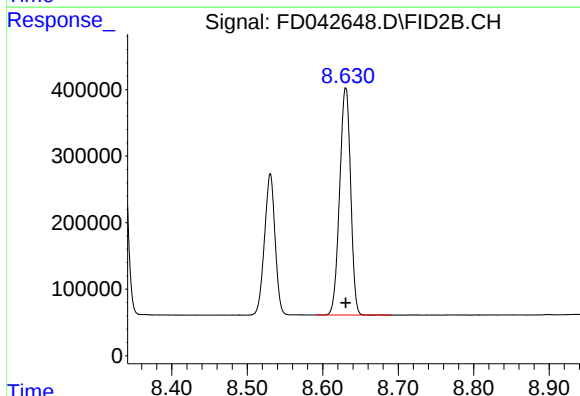
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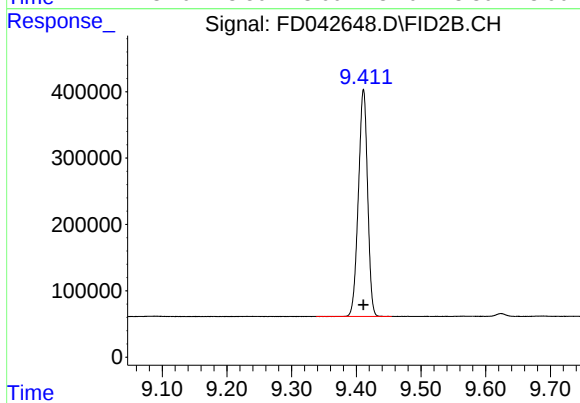
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 2063275
Conc: 20.00 ug/ml



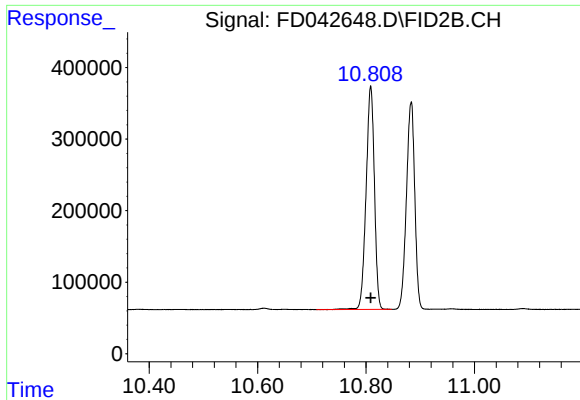
#7 Acenaphthene (C15.5)

R.T.: 8.630 min
Delta R.T.: 0.000 min
Response: 3453285
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.411 min
Delta R.T.: 0.000 min
Response: 3378090
Conc: 20.00 ug/ml



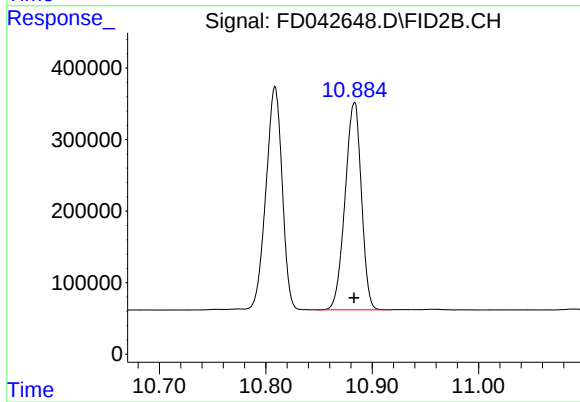
#9 Phenanthrene (C19.36)

R.T.: 10.809 min
Delta R.T.: 0.000 min
Response: 3322370
Conc: 20.00 ug/ml

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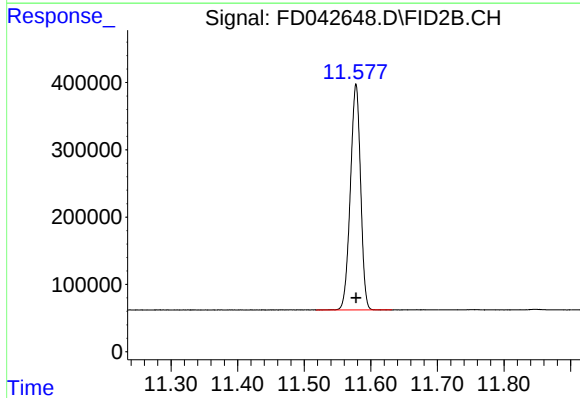
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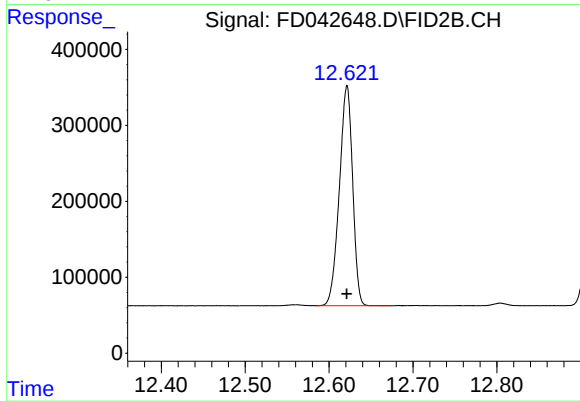
#10 Anthracene (C19.43)

R.T.: 10.883 min
Delta R.T.: 0.000 min
Response: 3090720
Conc: 20.00 ug/ml



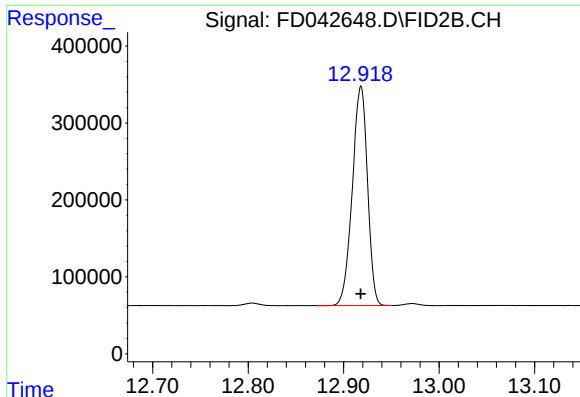
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 3574979
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.621 min
Delta R.T.: 0.000 min
Response: 3191672
Conc: 20.00 ug/ml



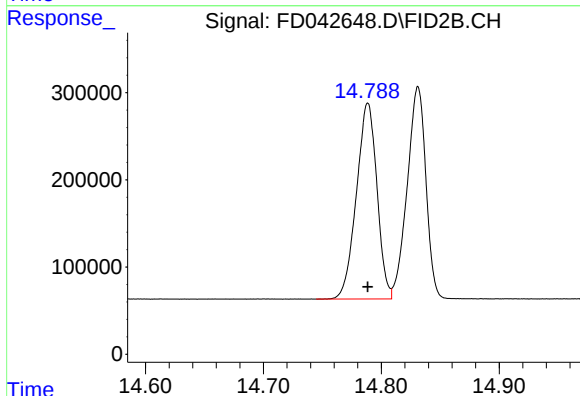
#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 3154409
Conc: 20.00 ug/ml

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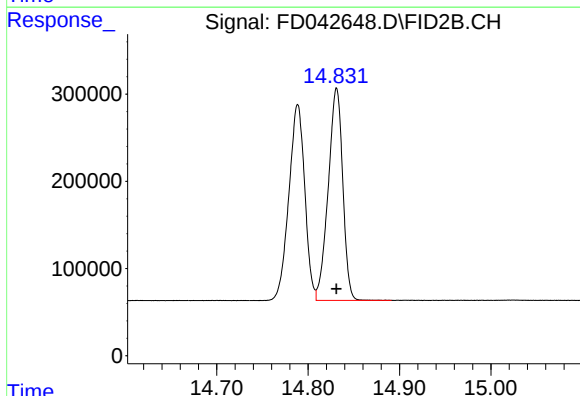
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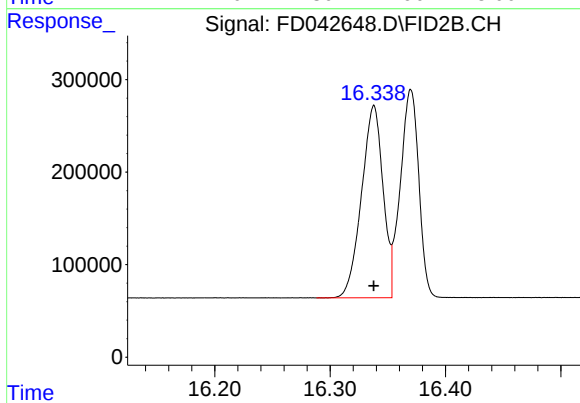
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 2719474
Conc: 20.00 ug/ml



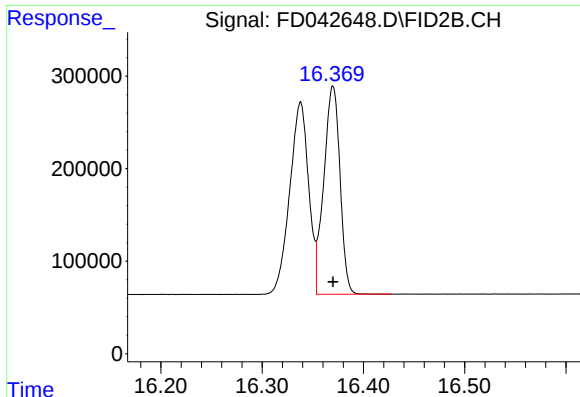
#15 Chrysene (C27.41)

R.T.: 14.831 min
Delta R.T.: 0.000 min
Response: 2691498
Conc: 20.00 ug/ml



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

R.T.: 16.338 min
Delta R.T.: 0.000 min
Response: 2692775
Conc: 20.00 ug/ml



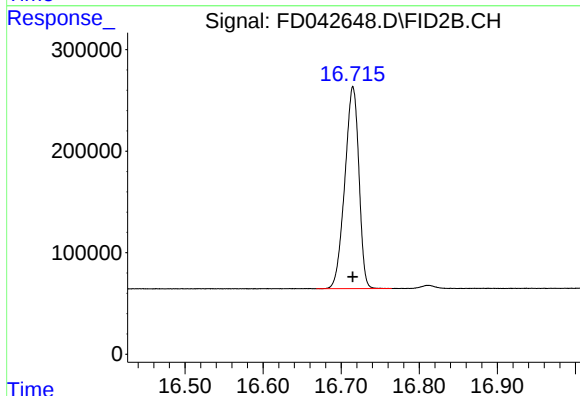
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.370 min
Delta R.T.: 0.000 min
Response: 2504019
Conc: 20.00 ug/ml

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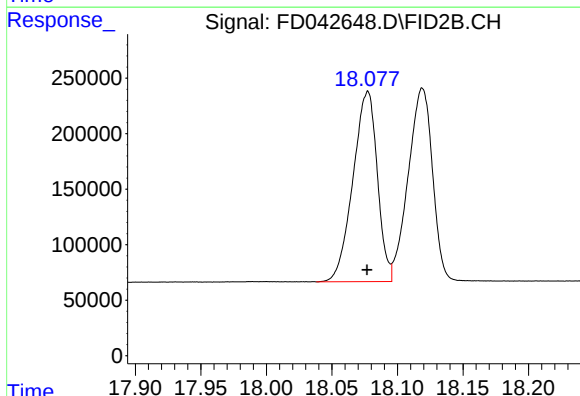
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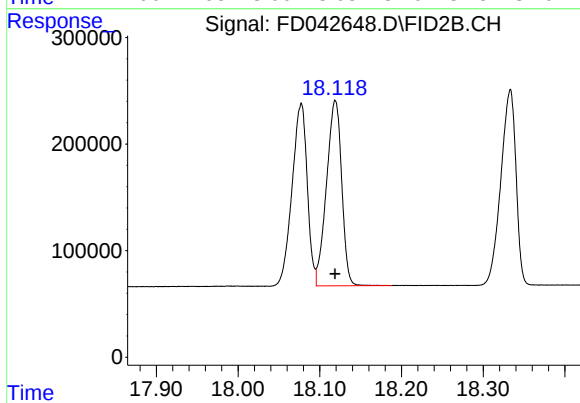
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.715 min
Delta R.T.: 0.000 min
Response: 2492754
Conc: 20.00 ug/ml



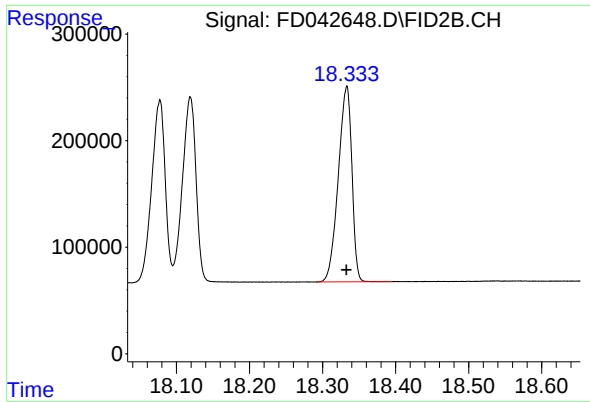
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2213083
Conc: 20.00 ug/ml



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

R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 2250722
Conc: 20.00 ug/ml



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

R.T.: 18.333 min
Delta R.T.: 0.000 min
Response: 2369224
Conc: 20.00 ug/ml

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