

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036531.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2021 12:06
 Operator : DD\AJ
 Sample : FCS CHECK SOL 3
 Misc : LOT#M02142C2 E3060
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FCS CHECK SOL 3

Manual Integrations
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 3/26/2021 11:25:24 AM

Integration File: sample.E
 Quant Time: Mar 26 01:29:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 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...	7.595	7961687	56.609 ug/ml
Spiked Amount 50.000		Recovery =	113.22%
6) S 2-Fluorobiphenyl (SURR)	8.456	5123603	54.583 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.17%
11) S ortho-Terphenyl (SURR)	11.495	7481064	48.982 ug/ml
Spiked Amount 50.000		Recovery =	97.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	5346798	36.476 ug/ml
2) T Naphthalene (C11.7)	5.932	6447566	41.025 ug/ml
3) T 2-Methylnaphthalene (...)	6.984	7039927	44.793 ug/ml
5) T Acenaphthylene (C15.06)	8.259	7092170	47.331 ug/ml
7) T Acenaphthene (C15.5)	8.556	7401922	47.682 ug/ml
8) T Fluorene (C16.55)	9.335	7559840	50.212 ug/ml
9) T Phenanthrene (C19.36)	10.729	7529051	51.368 ug/ml
10) T Anthracene (C19.43)	10.806	7482326	51.685 ug/ml
12) T Fluoranthene (C21.85)	12.540	7295722	51.965 ug/ml
13) T Pyrene (C20.8)	12.837	7142457	52.058 ug/ml
14) T Benzo[a]anthracene (C...	14.704	6187818	52.104 ug/ml
15) T Chrysene (C27.41)	14.748	6570876	54.335 ug/ml
16) T benzo[b]fluoranthene ...	16.251	5721300	52.139 ug/ml
17) T Bnezo[k]fluoranthene ...	16.287	5473662	51.493 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.631	5453130	54.716 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.992	4896851	48.716 ug/ml
20) T Dibenz[a,h]anthracene...	18.031	4873741	48.335 ug/ml
21) T Benzo[g,h,i]perylene ...	18.248	4876695	48.131 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : FCS CHECK SOL 3
Misc : LOT#M02142C2 E3060
ALS Vial : 55 Sample Multiplier: 1

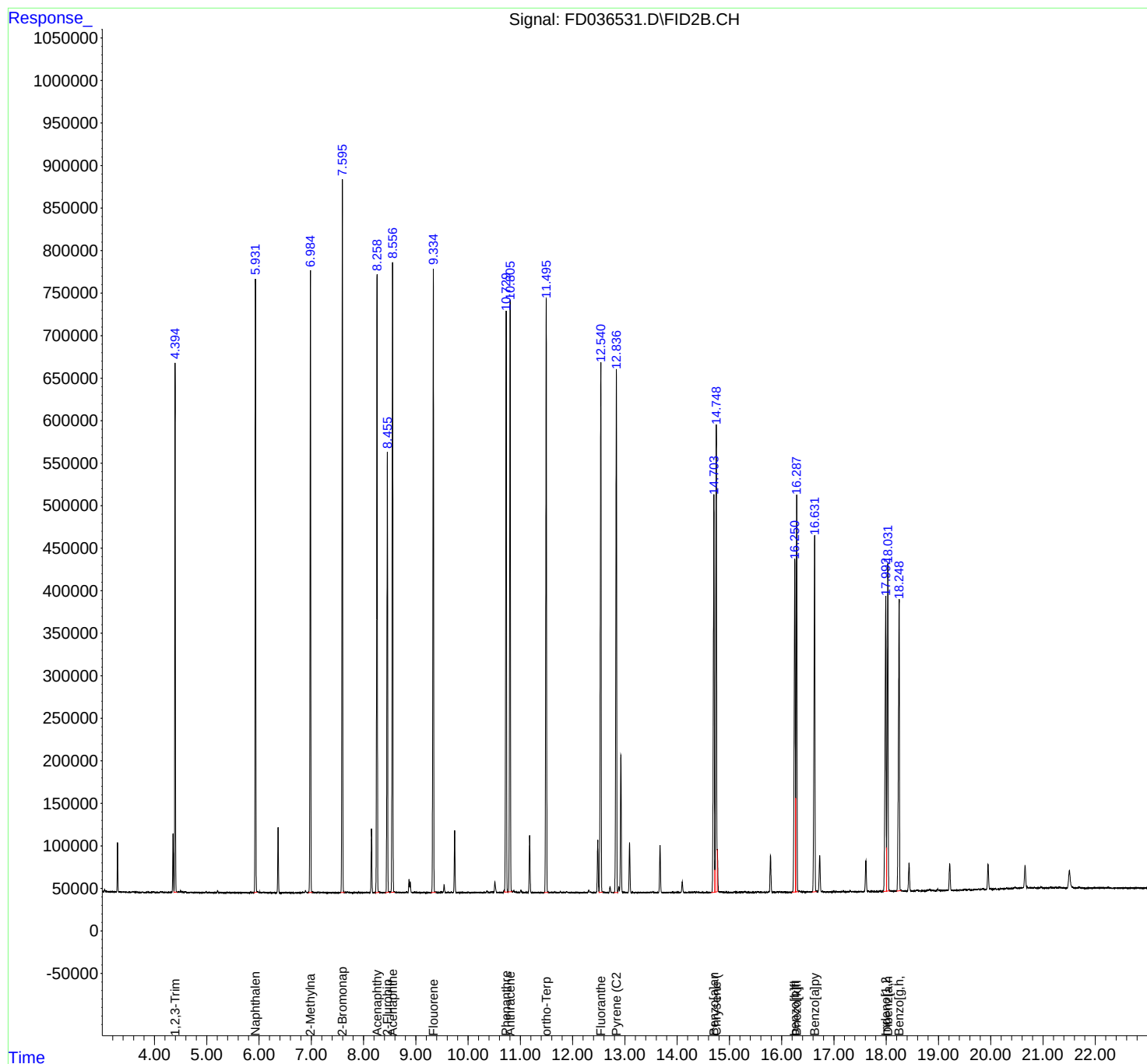
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ClientSampleId :
FCS CHECK SOL 3

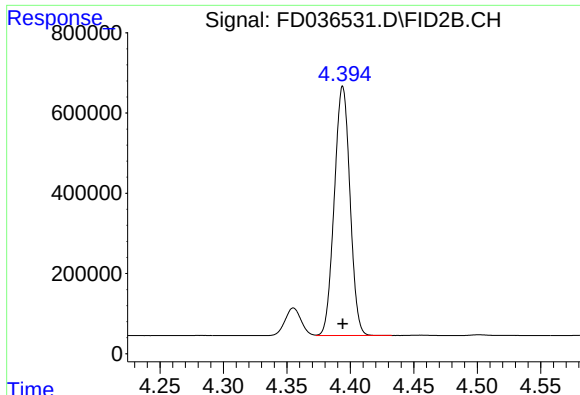
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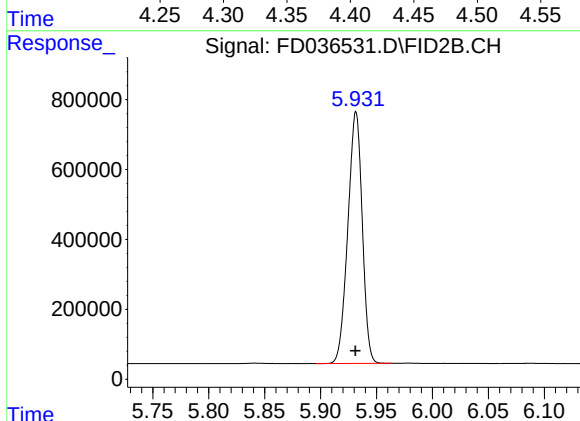
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 5346798
Conc: 36.48 ug/ml

Instrument :
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FCS CHECK SOL 3

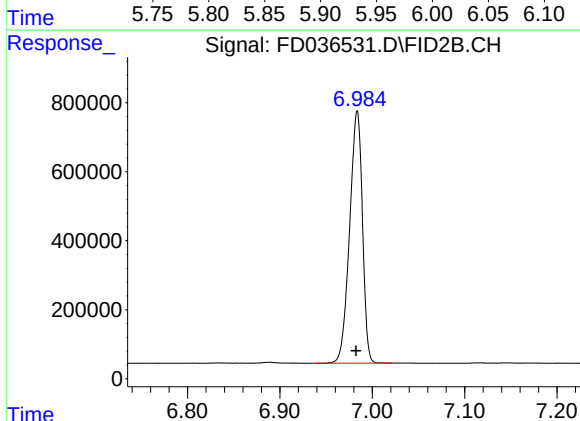
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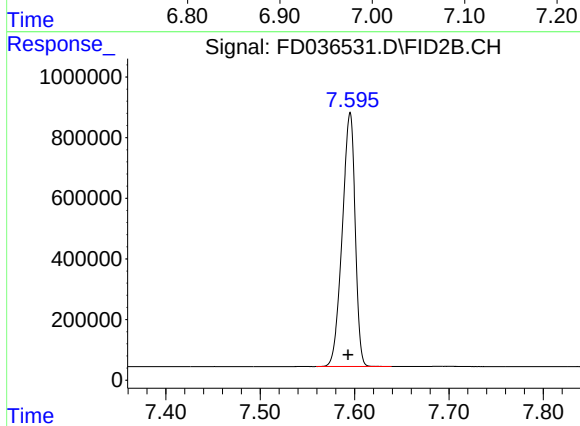
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 6447566
Conc: 41.02 ug/ml



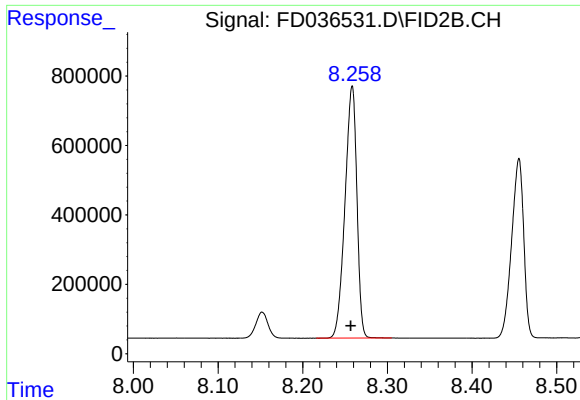
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: 0.001 min
Response: 7039927
Conc: 44.79 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.595 min
Delta R.T.: 0.002 min
Response: 7961687
Conc: 56.61 ug/ml



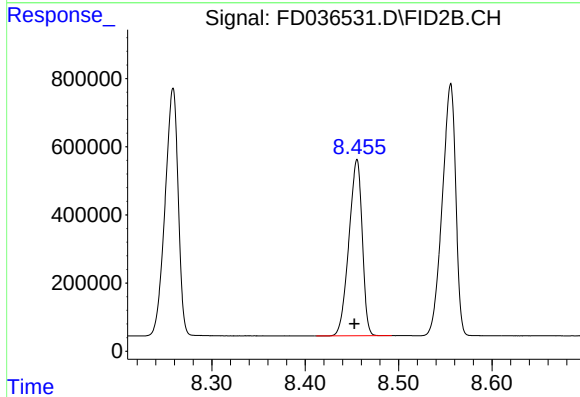
#5 Acenaphthylene (C15.06)

R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 7092170
Conc: 47.33 ug/ml

Instrument :
FID_D
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FCS CHECK SOL 3

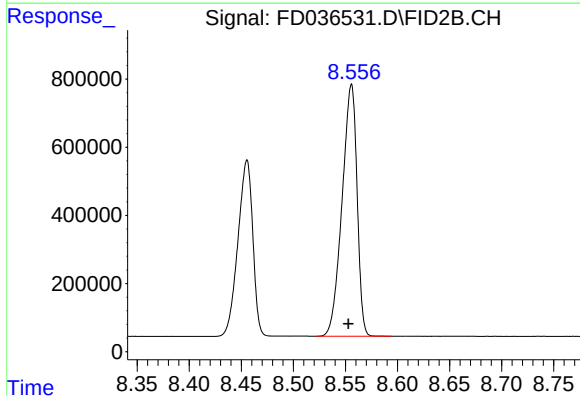
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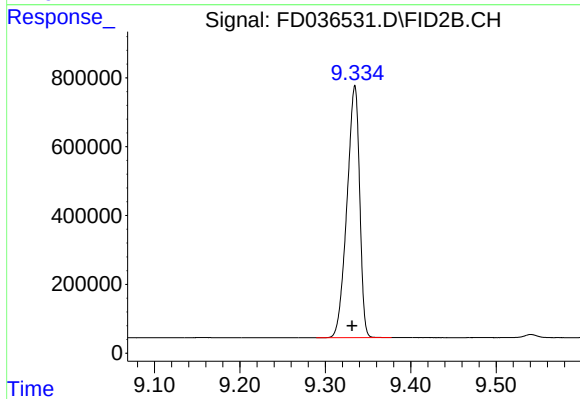
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: 0.003 min
Response: 5123603
Conc: 54.58 ug/ml



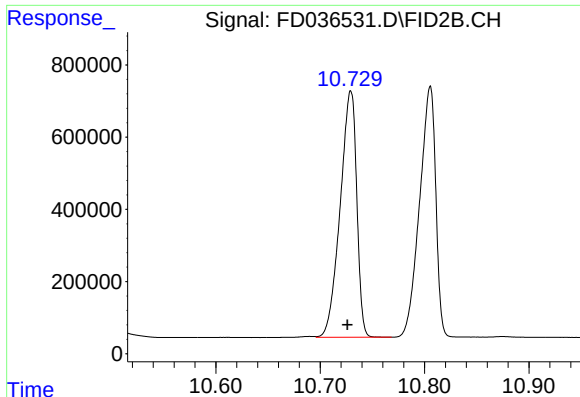
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: 0.003 min
Response: 7401922
Conc: 47.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.335 min
Delta R.T.: 0.003 min
Response: 7559840
Conc: 50.21 ug/ml



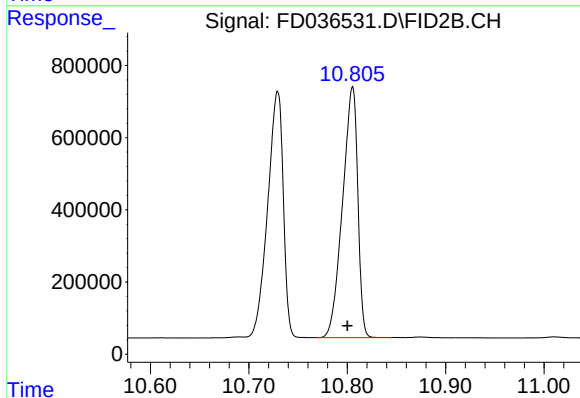
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: 0.003 min
Response: 7529051
Conc: 51.37 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 3

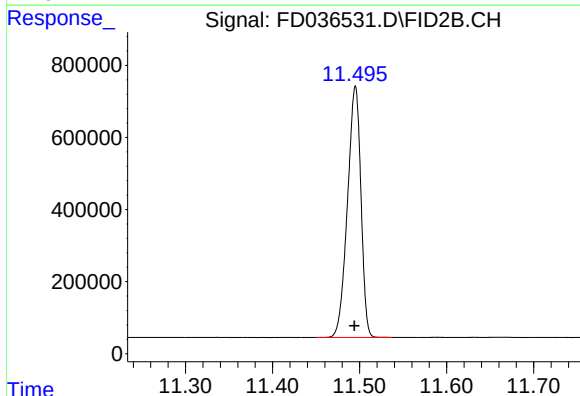
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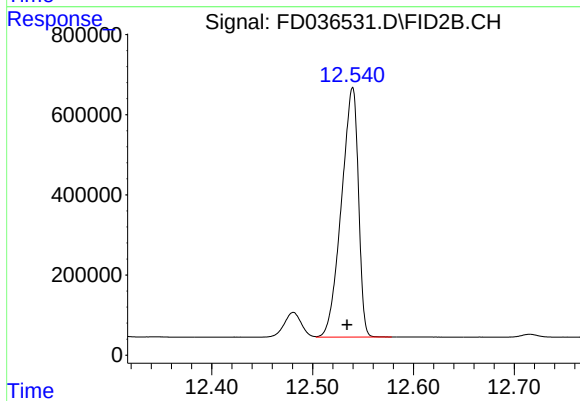
#10 Anthracene (C19.43)

R.T.: 10.806 min
Delta R.T.: 0.005 min
Response: 7482326
Conc: 51.69 ug/ml



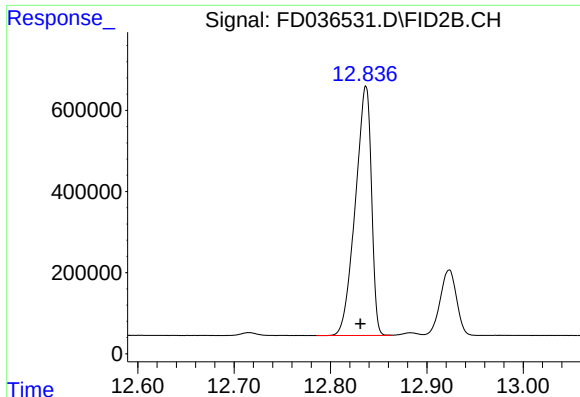
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.001 min
Response: 7481064
Conc: 48.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.540 min
Delta R.T.: 0.005 min
Response: 7295722
Conc: 51.97 ug/ml



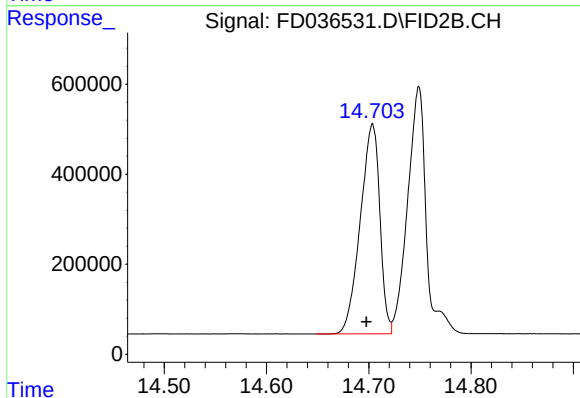
#13 Pyrene (C20.8)

R.T.: 12.837 min
Delta R.T.: 0.006 min
Response: 7142457
Conc: 52.06 ug/ml

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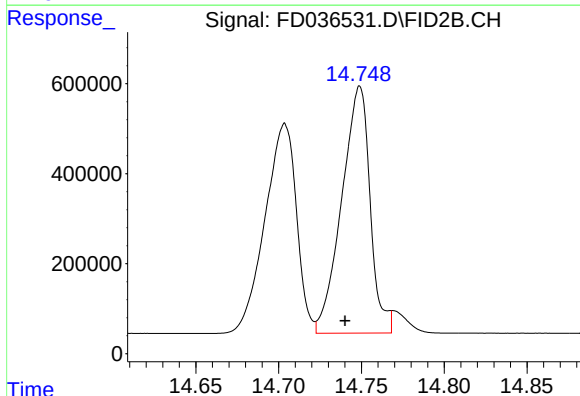
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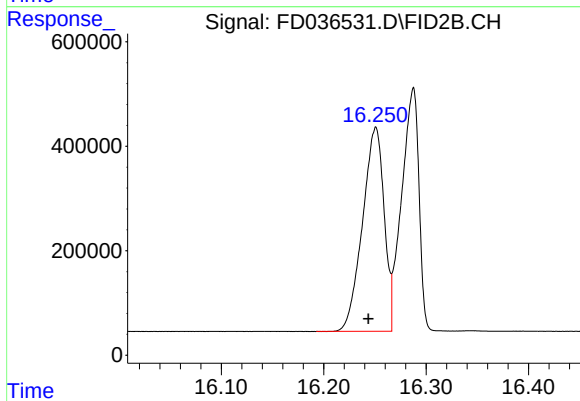
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.704 min
Delta R.T.: 0.006 min
Response: 6187818
Conc: 52.10 ug/ml



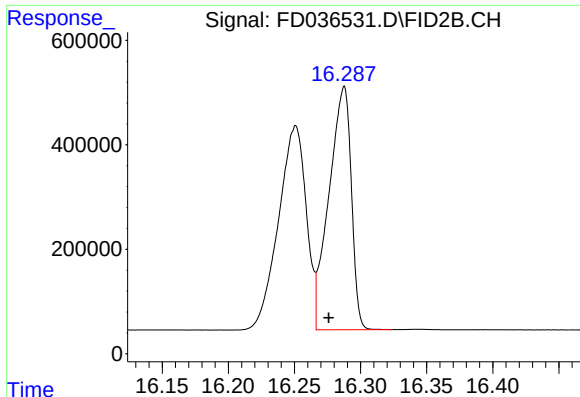
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: 0.008 min
Response: 6570876
Conc: 54.33 ug/ml m



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

R.T.: 16.251 min
Delta R.T.: 0.007 min
Response: 5721300
Conc: 52.14 ug/ml



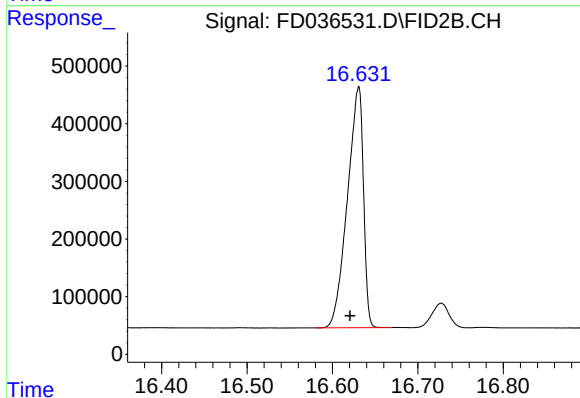
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.287 min
Delta R.T.: 0.012 min
Response: 5473662
Conc: 51.49 ug/ml

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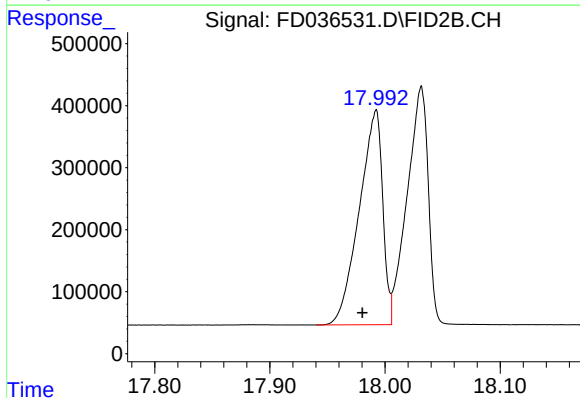
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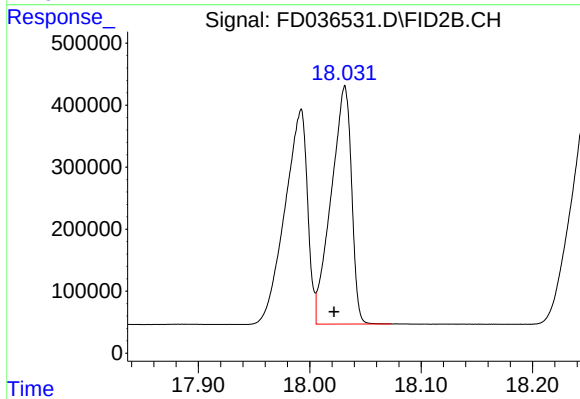
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.631 min
Delta R.T.: 0.010 min
Response: 5453130
Conc: 54.72 ug/ml



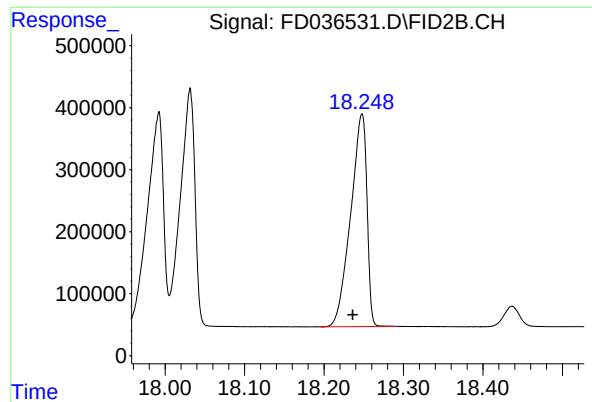
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.992 min
Delta R.T.: 0.012 min
Response: 4896851
Conc: 48.72 ug/ml



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

R.T.: 18.031 min
Delta R.T.: 0.010 min
Response: 4873741
Conc: 48.33 ug/ml



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

R.T.: 18.248 min
Delta R.T.: 0.012 min
Response: 4876695
Conc: 48.13 ug/ml

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