

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AR\
 Data File : FD036947.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2021 2:11
 Operator : DD\AJ
 Sample : M2040-07MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FILL-BMS

Manual Integrations
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4/16/2021 11:11:47 AM

Integration File: autoint1.e
 Quant Time: Apr 16 03:20:45 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...	7.588	7424170	52.787 ug/ml
Spiked Amount 50.000		Recovery =	105.57%
6) S 2-Fluorobiphenyl (SURR)	8.448	3332302	35.500 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.00%
11) S ortho-Terphenyl (SURR)	11.492	7563373	49.521 ug/ml
Spiked Amount 50.000		Recovery =	99.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.385	4410803	30.091 ug/ml
2) T Naphthalene (C11.7)	5.924	5621830	35.771 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	6308000	40.136 ug/ml
5) T Acenaphthylene (C15.06)	8.253	7295442	48.688 ug/ml
7) T Acenaphthene (C15.5)	8.549	7296296	47.002 ug/ml
8) T Fluorene (C16.55)	9.330	7327496	48.669 ug/ml
9) T Phenanthrene (C19.36)	10.726	7690205	52.467 ug/ml
10) T Anthracene (C19.43)	10.801	7051606	48.710 ug/ml
12) T Fluoranthene (C21.85)	12.540	7538890	53.697 ug/ml
13) T Pyrene (C20.8)	12.837	7220585	52.627 ug/ml
14) T Benzo[a]anthracene (C...	14.711	7231947	60.896 ug/ml
15) T Chrysene (C27.41)	14.757	7573139	62.623 ug/ml
16) T benzo[b]fluoranthene ...	16.269	7323938	66.744 ug/ml
17) T Bnezo[k]fluoranthene ...	16.301	6080972	57.207 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.648	7401343	74.265 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.012	6519321	64.857 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	5884116	58.355 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.270	6346094	62.633 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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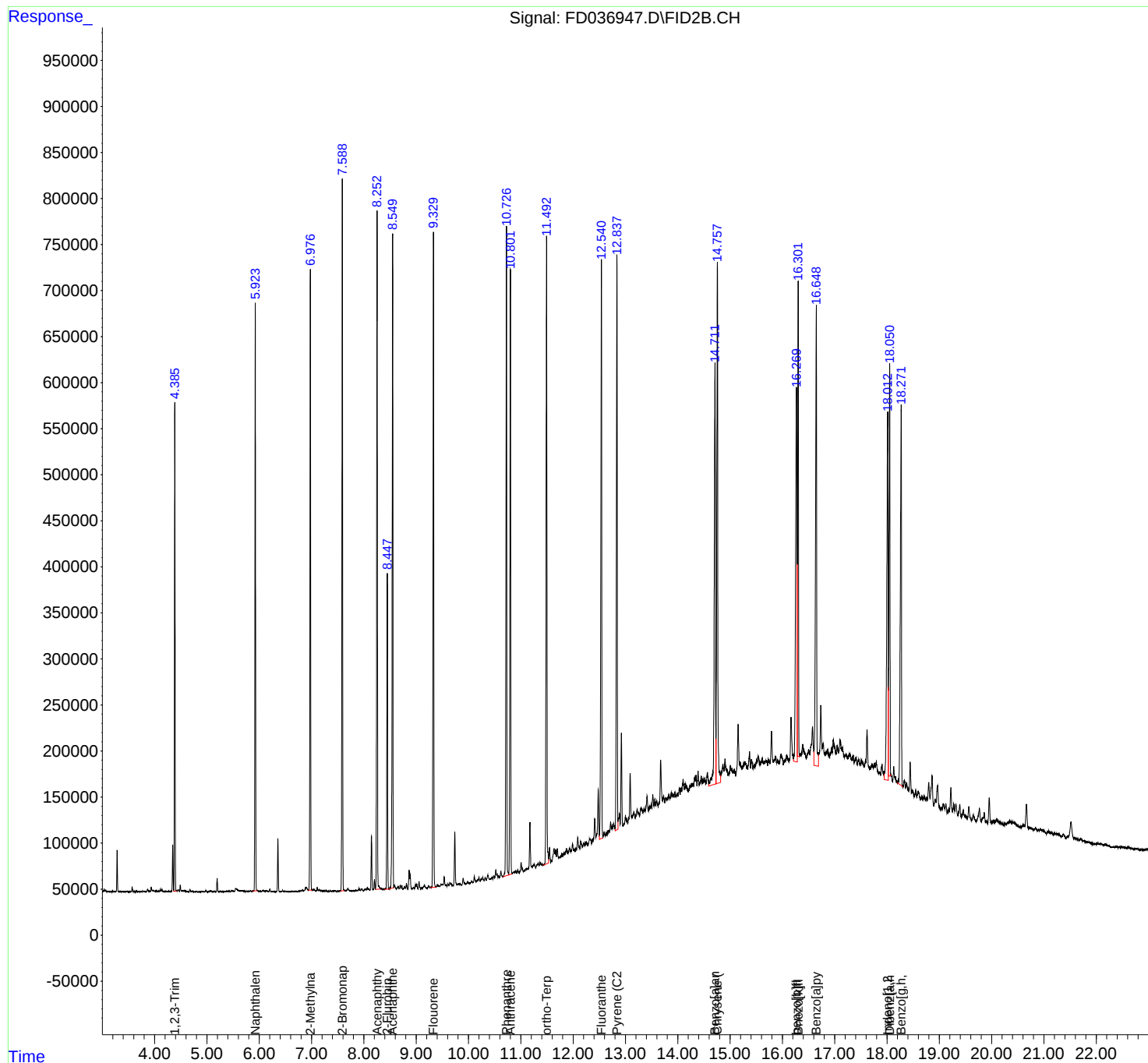
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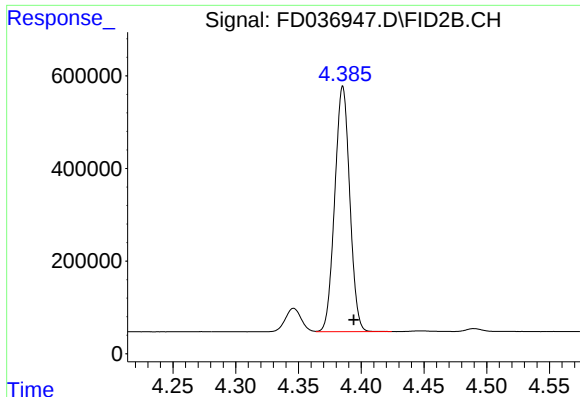
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#1 1,2,3-Trimethylbenzene (C10.1)

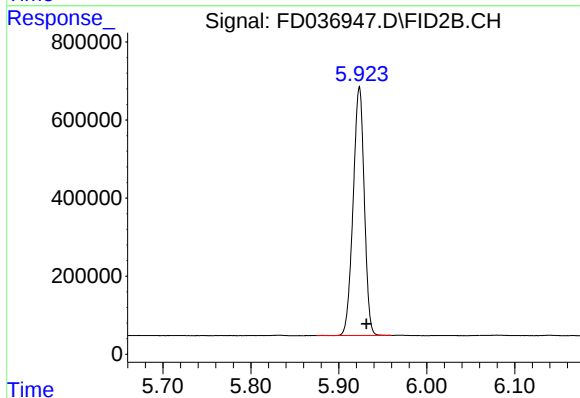
R.T.: 4.385 min
Delta R.T.: -0.009 min
Response: 4410803
Conc: 30.09 ug/ml

Instrument :
FID_D
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FILL-BMS

Manual Integrations
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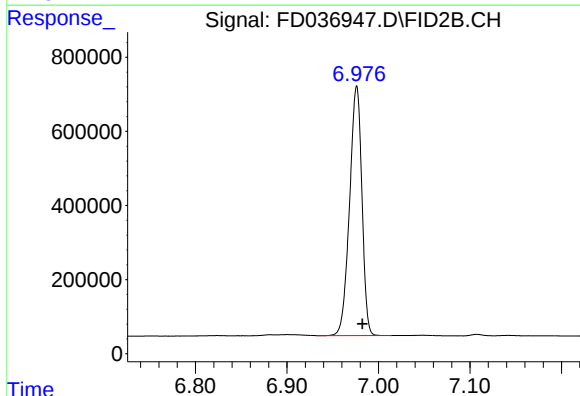
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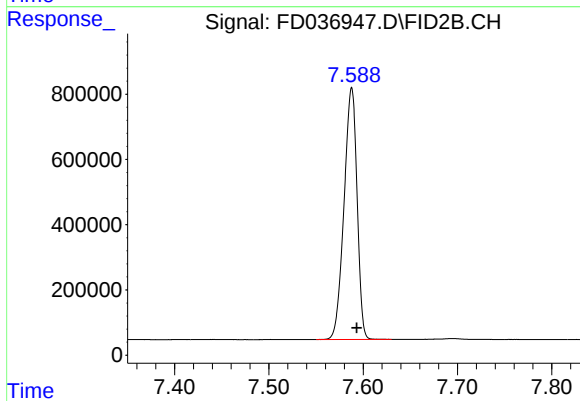
#2 Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.008 min
Response: 5621830
Conc: 35.77 ug/ml



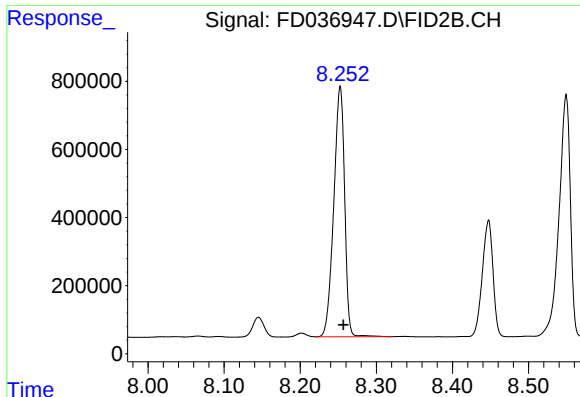
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.006 min
Response: 6308000
Conc: 40.14 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 7424170
Conc: 52.79 ug/ml



#5 Acenaphthylene (C15.06)

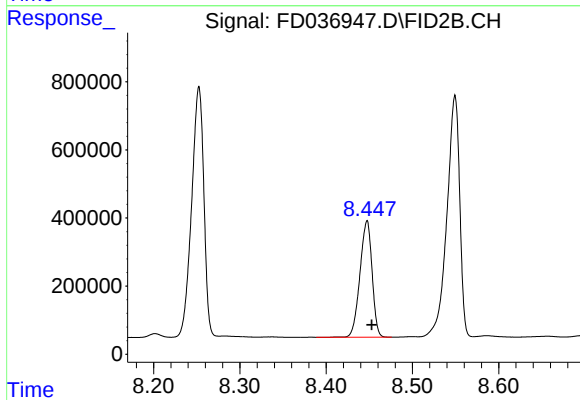
R.T.: 8.253 min
Delta R.T.: -0.004 min
Response: 7295442
Conc: 48.69 ug/ml

Instrument :
FID_D
ClientSampleId :
FILL-BMS

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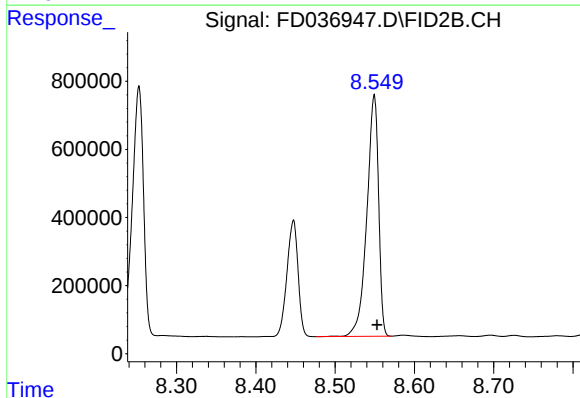
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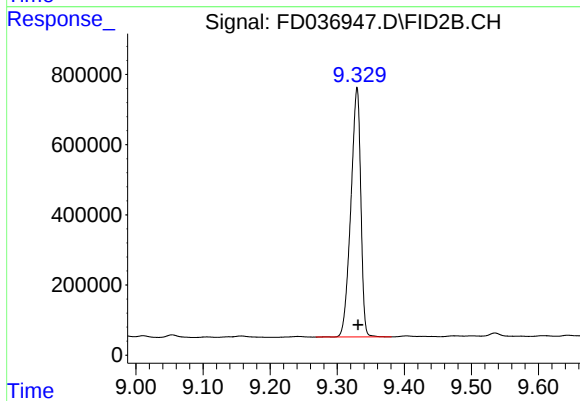
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 3332302
Conc: 35.50 ug/ml



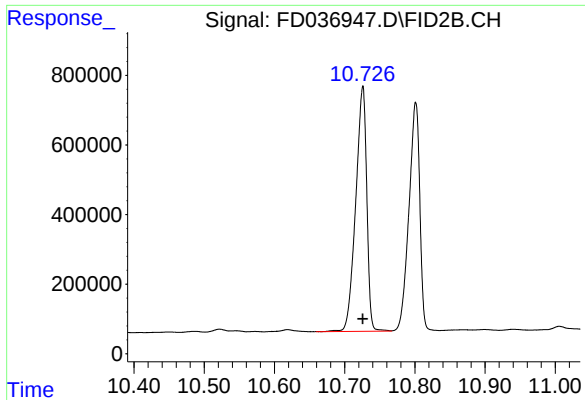
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.003 min
Response: 7296296
Conc: 47.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.330 min
Delta R.T.: -0.002 min
Response: 7327496
Conc: 48.67 ug/ml



#9 Phenanthrene (C19.36)

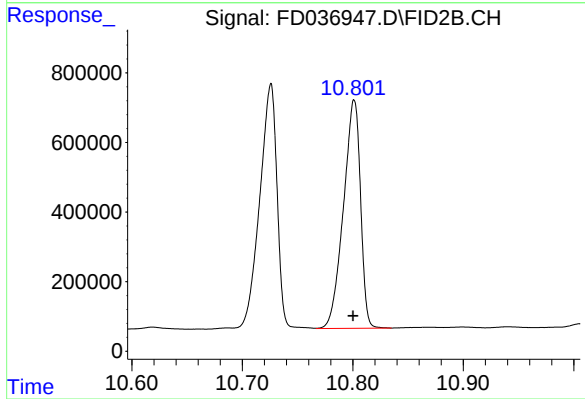
R.T.: 10.726 min
Delta R.T.: 0.000 min
Response: 7690205
Conc: 52.47 ug/ml

Instrument :
FID_D
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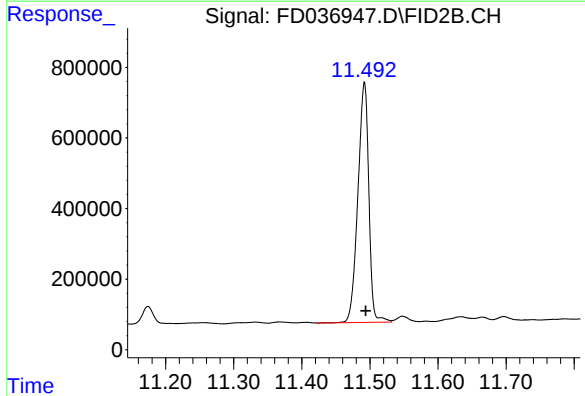
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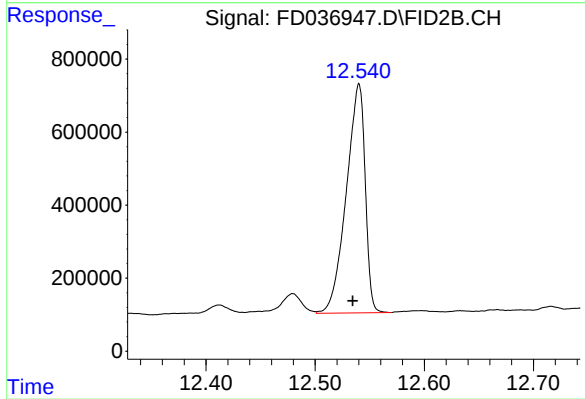
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: 0.001 min
Response: 7051606
Conc: 48.71 ug/ml



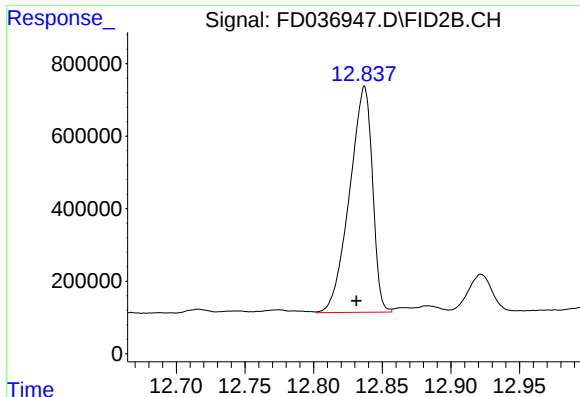
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 7563373
Conc: 49.52 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.540 min
Delta R.T.: 0.006 min
Response: 7538890
Conc: 53.70 ug/ml



#13 Pyrene (C20.8)

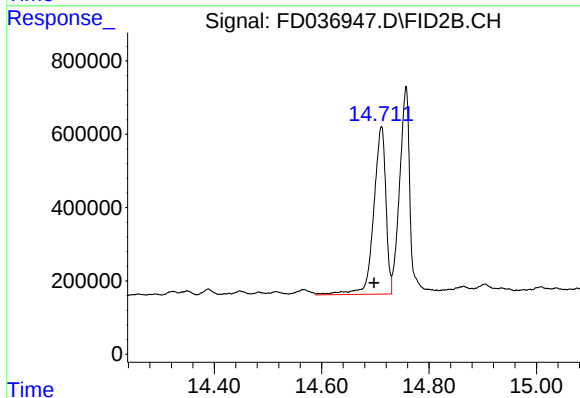
R.T.: 12.837 min
Delta R.T.: 0.006 min
Response: 7220585
Conc: 52.63 ug/ml

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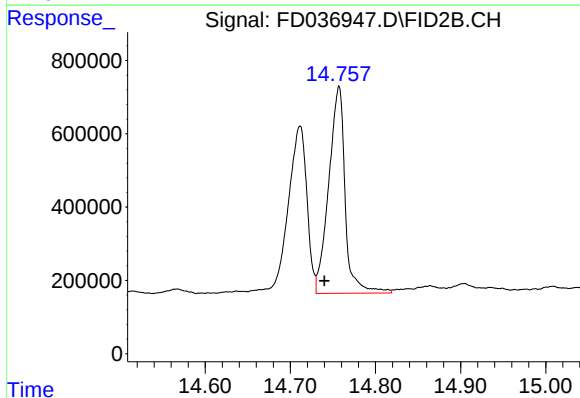
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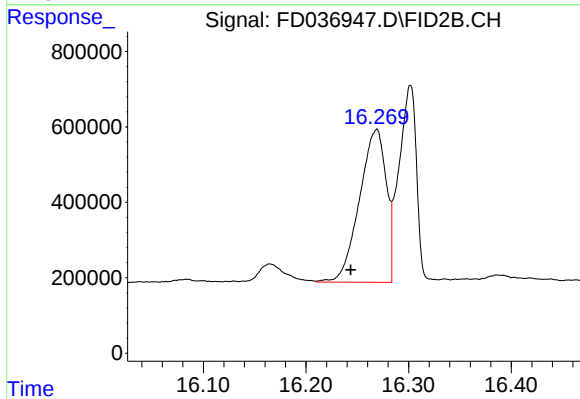
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.711 min
Delta R.T.: 0.014 min
Response: 7231947
Conc: 60.90 ug/ml



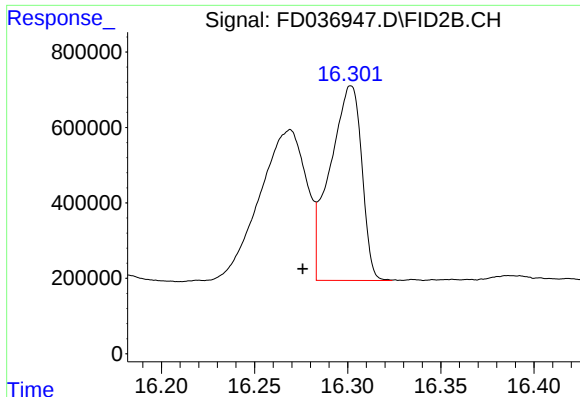
#15 Chrysene (C27.41)

R.T.: 14.757 min
Delta R.T.: 0.017 min
Response: 7573139
Conc: 62.62 ug/ml



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

R.T.: 16.269 min
Delta R.T.: 0.025 min
Response: 7323938
Conc: 66.74 ug/ml



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

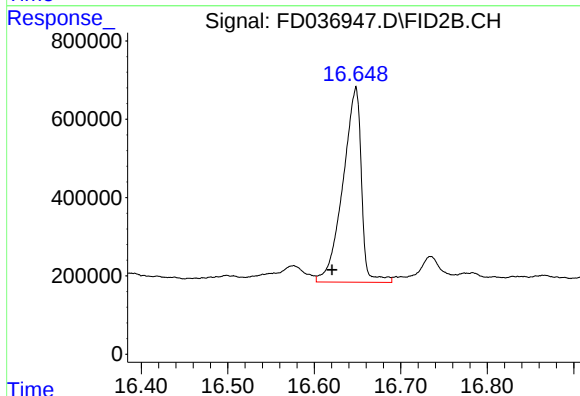
R.T.: 16.301 min
Delta R.T.: 0.025 min
Response: 6080972
Conc: 57.21 ug/ml m

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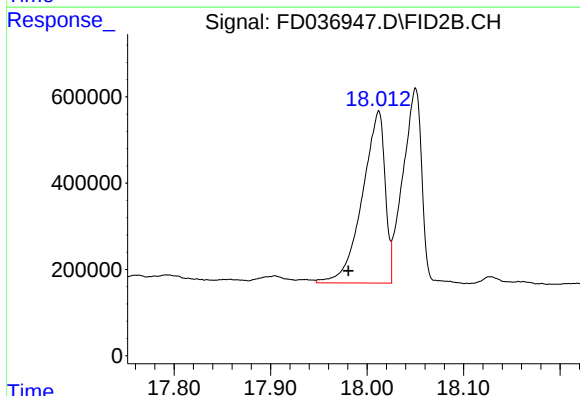
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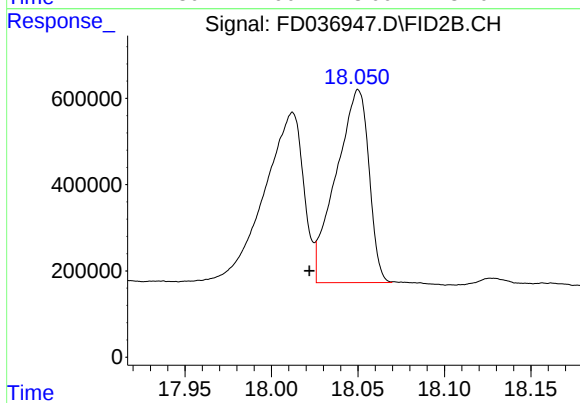
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.648 min
Delta R.T.: 0.027 min
Response: 7401343
Conc: 74.26 ug/ml



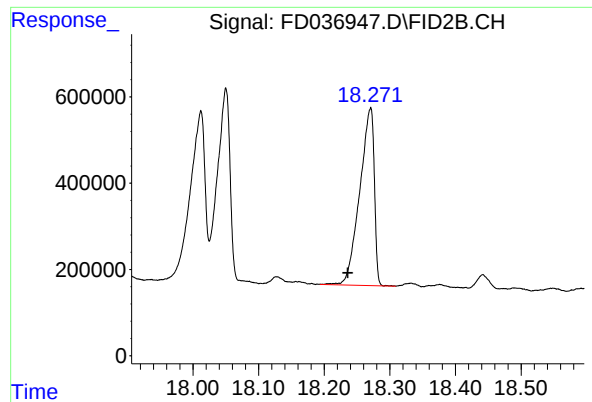
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.012 min
Delta R.T.: 0.032 min
Response: 6519321
Conc: 64.86 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.028 min
Response: 5884116
Conc: 58.35 ug/ml m



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

R.T.: 18.270 min
Delta R.T.: 0.035 min
Response: 6346094
Conc: 62.63 ug/ml

Instrument :
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