

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122623AR\
 Data File : FD047091.D
 Signal(s) : FID2B.ch
 Acq On : 26 Dec 2023 12:39
 Operator : YP/AJ
 Sample : 05993-02MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 E8965C-S-002MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:25:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.473	9547515	57.591 ug/ml
Spiked Amount 50.000		Recovery =	115.18%
6) S 2-Fluorobiphenyl (SURR)	8.326	5404394	51.862 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.72%
11) S ortho-Terphenyl (SURR)	11.362	6939409	35.935 ug/ml
Spiked Amount 50.000		Recovery =	71.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.319	69399797	384.650 ug/mlm
2) T Naphthalene (C11.7)	5.819	16863797	91.616 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	9454956	51.512 ug/ml
5) T Acenaphthylene (C15.06)	8.130	9863504	58.802 ug/ml
7) T Acenaphthene (C15.5)	8.426	9712816	54.003 ug/ml
8) T Fluorene (C16.55)	9.205	10180534	61.421 ug/ml
9) T Phenanthrene (C19.36)	10.594	10685200	68.502 ug/ml
10) T Anthracene (C19.43)	10.670	9989479	68.965 ug/ml
12) T Fluoranthene (C21.85)	12.399	11027026	72.846 ug/ml
13) T Pyrene (C20.8)	12.694	10983631	74.892 ug/ml
14) T Benzo[a]anthracene (C...	14.557	9394145	76.338 ug/ml
15) T Chrysene (C27.41)	14.602	9484979	67.569 ug/ml
16) T benzo[b]fluoranthene ...	16.102	9313187	72.301 ug/ml
17) T Bnezo[k]fluoranthene ...	16.137	9002095	67.682 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.477	8665475	68.191 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	9091883	82.010 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	8051839	63.015 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	8361479	65.265 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

```
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ALS Vial  : 74   Sample Multiplier: 1
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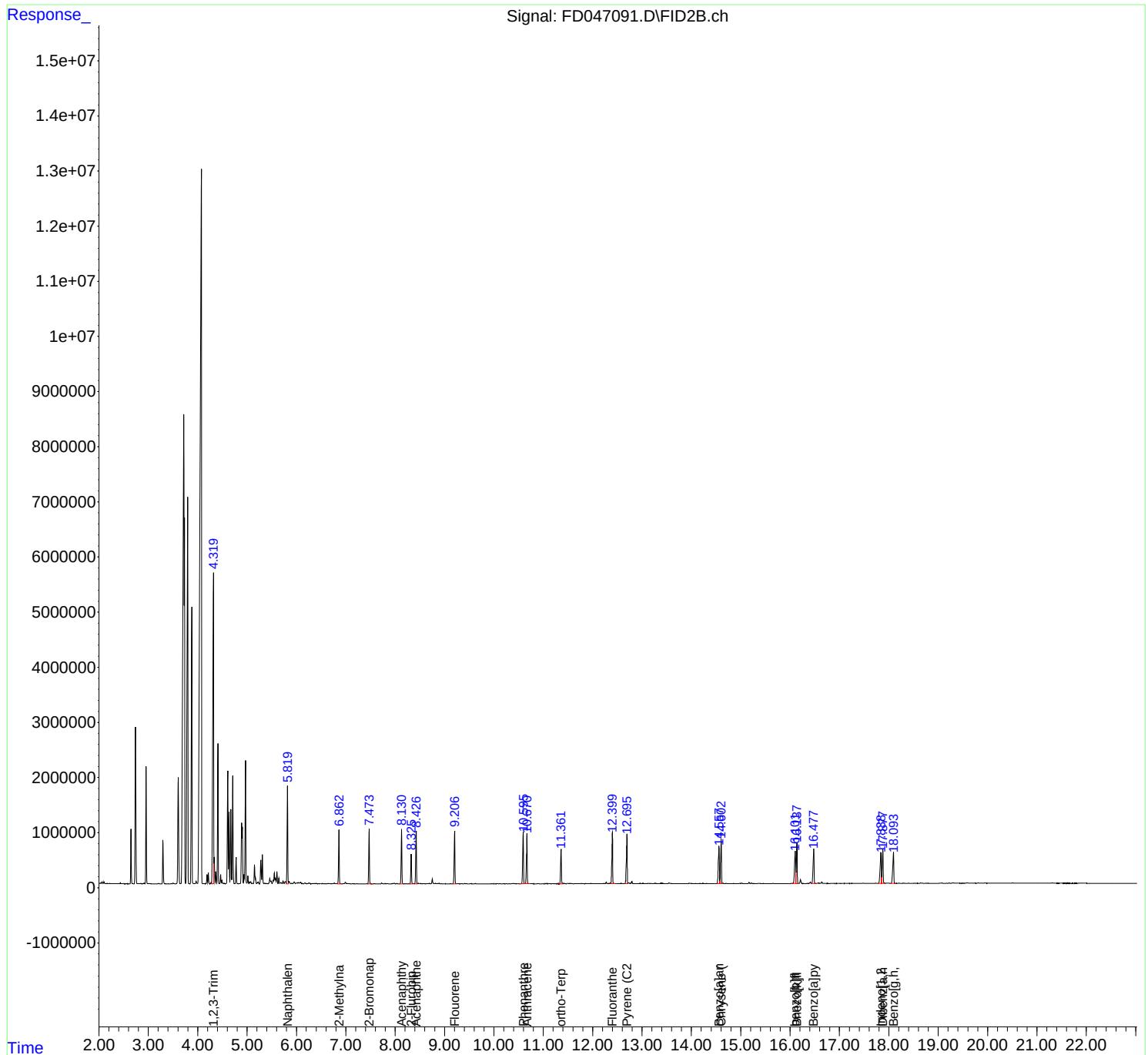
Instrument :
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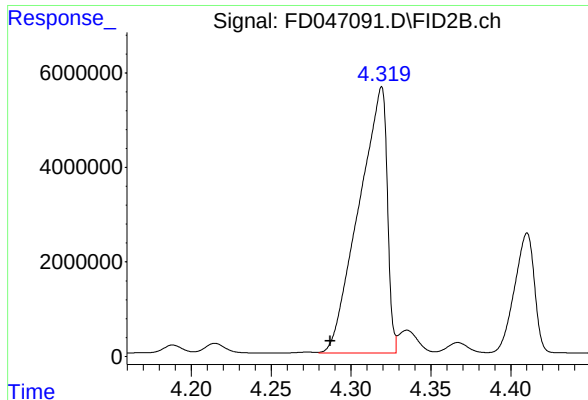
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.319 min
Delta R.T.: 0.032 min
Response: 69399797
Conc: 384.65 ug/ml

Instrument :

FID_D

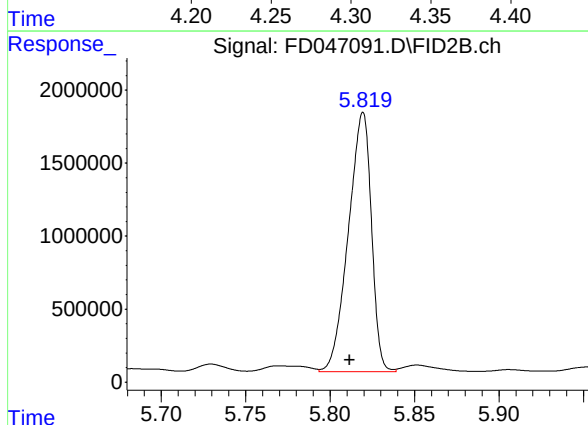
ClientSampleId :

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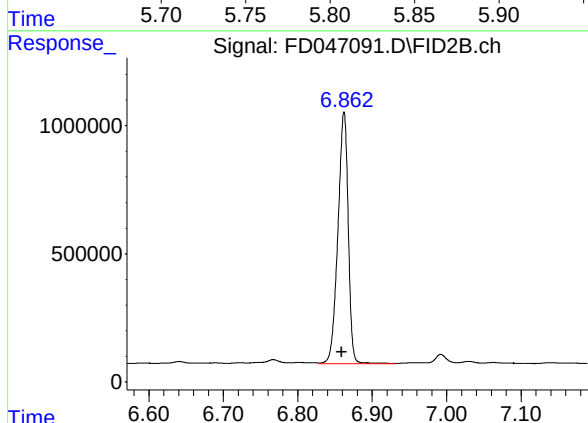
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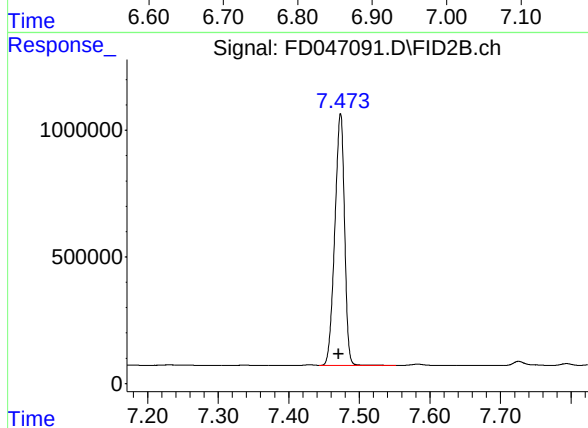
#2 Naphthalene (C11.7)

R.T.: 5.819 min
Delta R.T.: 0.007 min
Response: 16863797
Conc: 91.62 ug/ml



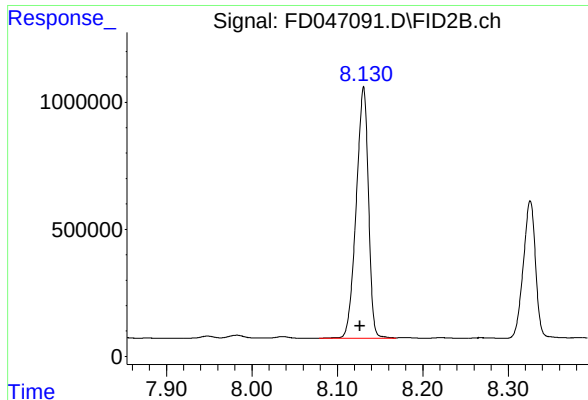
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: 0.003 min
Response: 9454956
Conc: 51.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: 0.002 min
Response: 9547515
Conc: 57.59 ug/ml



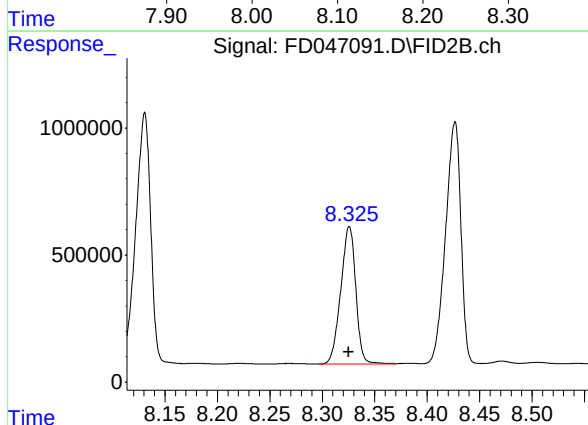
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: 0.004 min
Response: 9863504
Conc: 58.80 ug/ml

Instrument :
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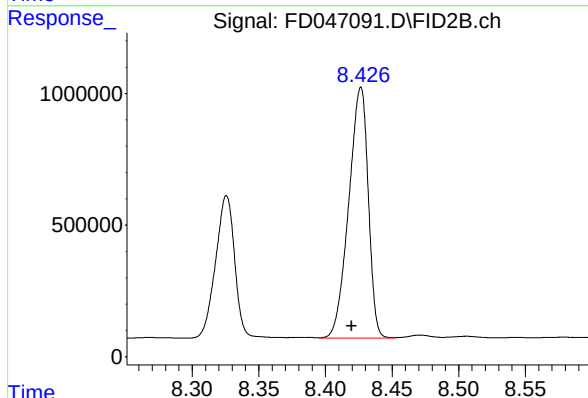
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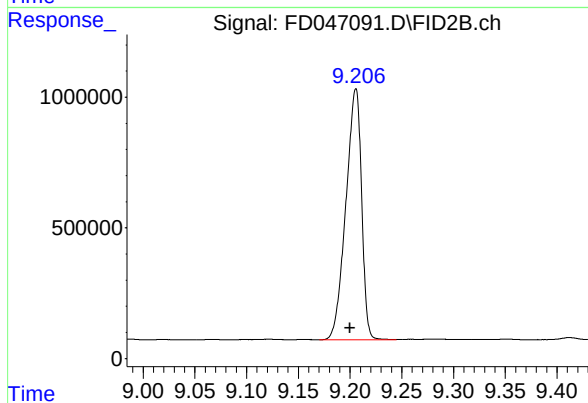
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 5404394
Conc: 51.86 ug/ml



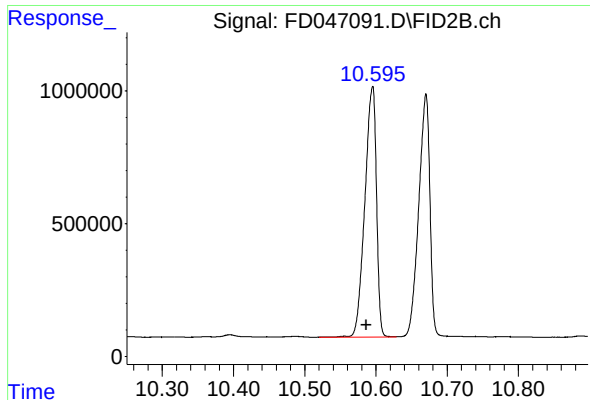
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: 0.007 min
Response: 9712816
Conc: 54.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.205 min
Delta R.T.: 0.005 min
Response: 10180534
Conc: 61.42 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.594 min
Delta R.T.: 0.008 min
Response: 10685200
Conc: 68.50 ug/ml

Instrument :

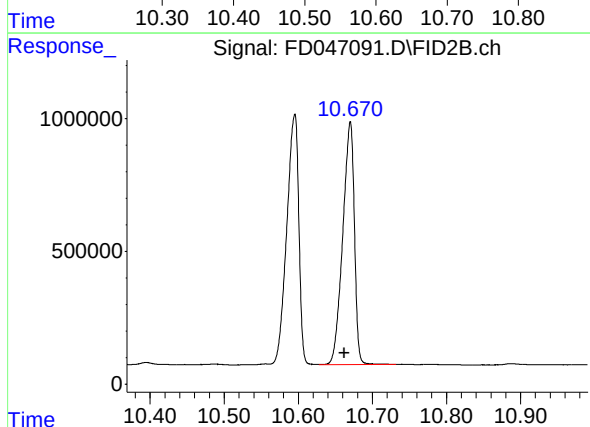
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ClientSampleId :

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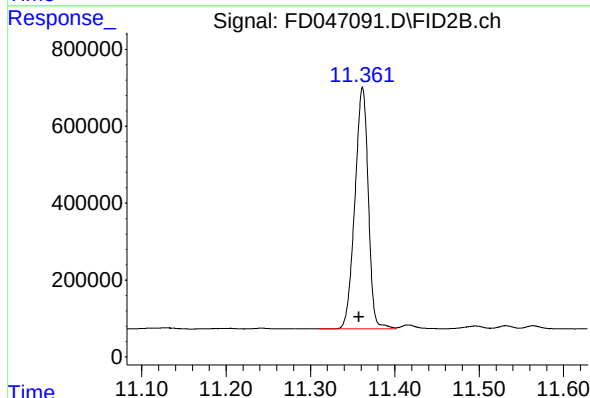
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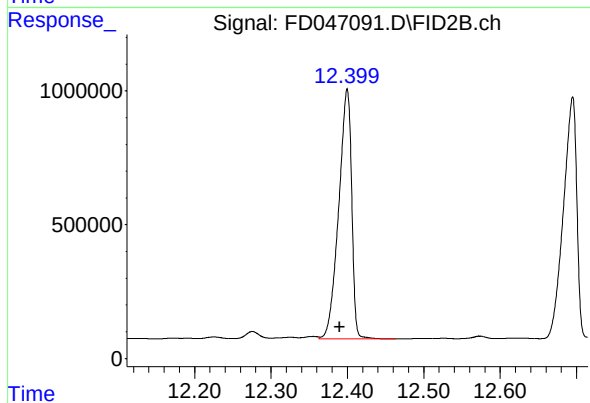
#10 Anthracene (C19.43)

R.T.: 10.670 min
Delta R.T.: 0.007 min
Response: 9989479
Conc: 68.97 ug/ml



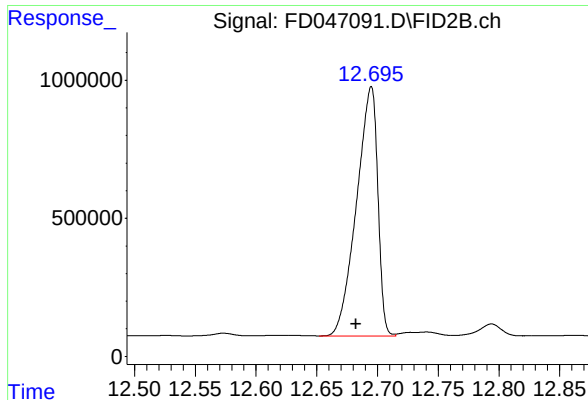
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.004 min
Response: 6939409
Conc: 35.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.399 min
Delta R.T.: 0.010 min
Response: 11027026
Conc: 72.85 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.694 min
Delta R.T.: 0.012 min
Response: 10983631
Conc: 74.89 ug/ml

Instrument :

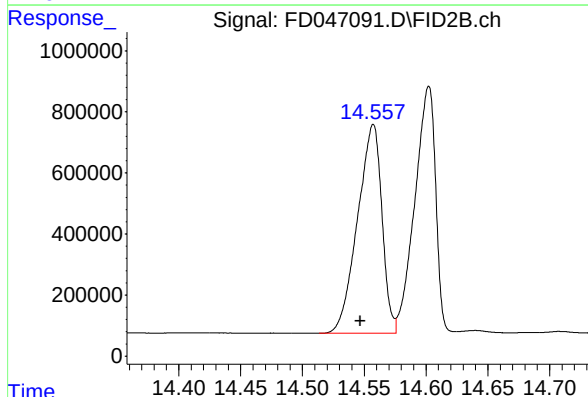
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ClientSampleId :

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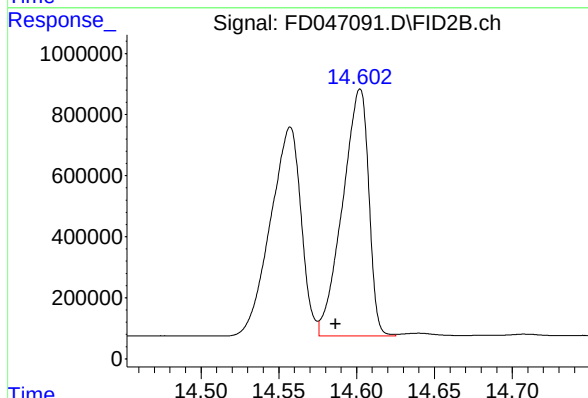
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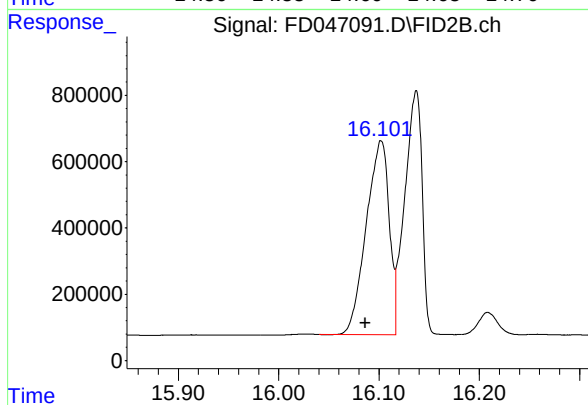
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.010 min
Response: 9394145
Conc: 76.34 ug/ml



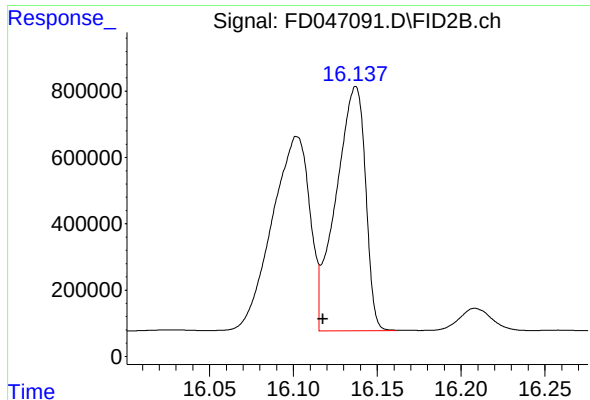
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.015 min
Response: 9484979
Conc: 67.57 ug/ml



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

R.T.: 16.102 min
Delta R.T.: 0.016 min
Response: 9313187
Conc: 72.30 ug/ml



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

R.T.: 16.137 min
Delta R.T.: 0.019 min
Response: 9002095
Conc: 67.68 ug/ml

Instrument :

FID_D

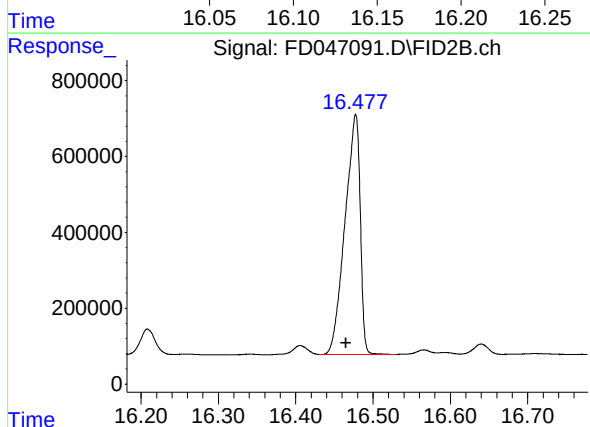
ClientSampleId :

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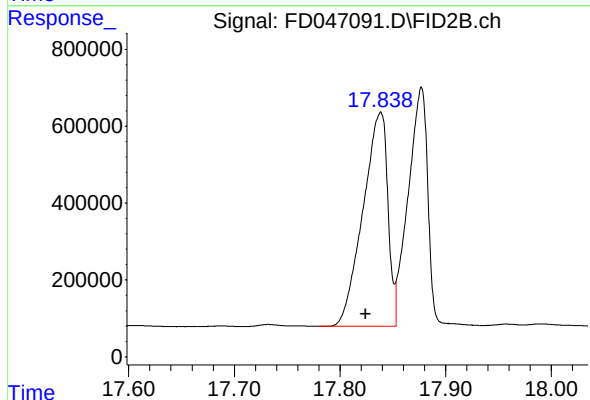
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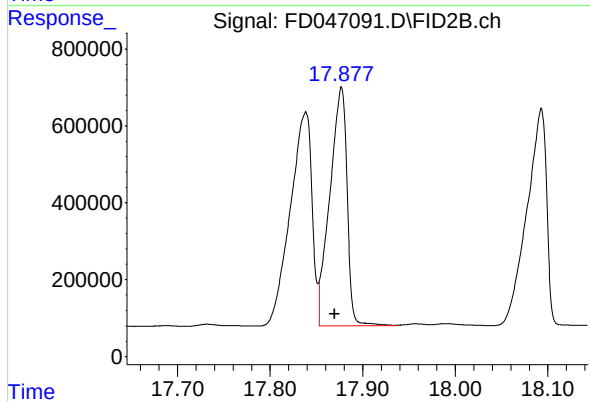
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: 0.012 min
Response: 8665475
Conc: 68.19 ug/ml



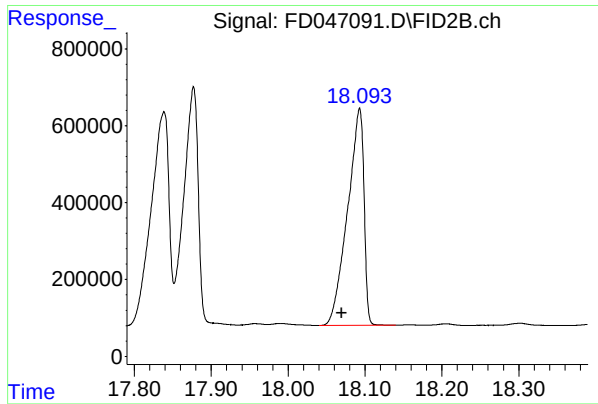
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: 0.013 min
Response: 9091883
Conc: 82.01 ug/ml



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

R.T.: 17.876 min
Delta R.T.: 0.006 min
Response: 8051839
Conc: 63.02 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.023 min
Response: 8361479
Conc: 65.27 ug/ml

Instrument :

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