

Data Path : P:\HPCHEM1\FID_D\Data\FD041618AR\
 Data File : FD023069.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 16:10
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampled :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Apr 18 05:09:09 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 2018
 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...	7.291	2770385	20.428 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
6) S 2-Fluorobiphenyl (SURR)	8.154	1634991	22.942 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.88%
11) S ortho-Terphenyl (SURR)	11.171	2986367	21.361 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.101	2883778	20.688 ug/ml
2) T Naphthalene (C11.7)	5.631	2956344	21.600 ug/ml
3) T 2-Methylnaphthalene (...)	6.680	2913703	21.345 ug/ml
5) T Acenaphthylene (C15.06)	7.946	3067607	20.988 ug/ml
7) T Acenaphthene (C15.5)	8.236	3353232	19.849 ug/ml
8) T Flouorene (C16.55)	9.021	2967310	20.721 ug/ml
9) T Phenanthrene (C19.36)	10.414	2912046	21.940 ug/ml
10) T Anthracene (C19.43)	10.492	2919335	20.864 ug/ml
12) T Fluoranthene (C21.85)	12.224	3039802	22.131 ug/ml
13) T Pyrene (C20.8)	12.518	3014393	21.355 ug/ml
14) T Benzo[a]anthracene (C...	14.397	2992853	24.091 ug/mlm
15) T Chrysene (C27.41)	14.439	3322104	21.458 ug/ml
16) T benzo[b]fluoranthene ...	15.954	3182162	23.606 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.986	3505286	21.243 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.337	3367015	23.356 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.717	3034371	23.383 ug/mlm
20) T Dibenz[a,h]anthracene...	17.744	3676641	22.103 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	3289909	22.197 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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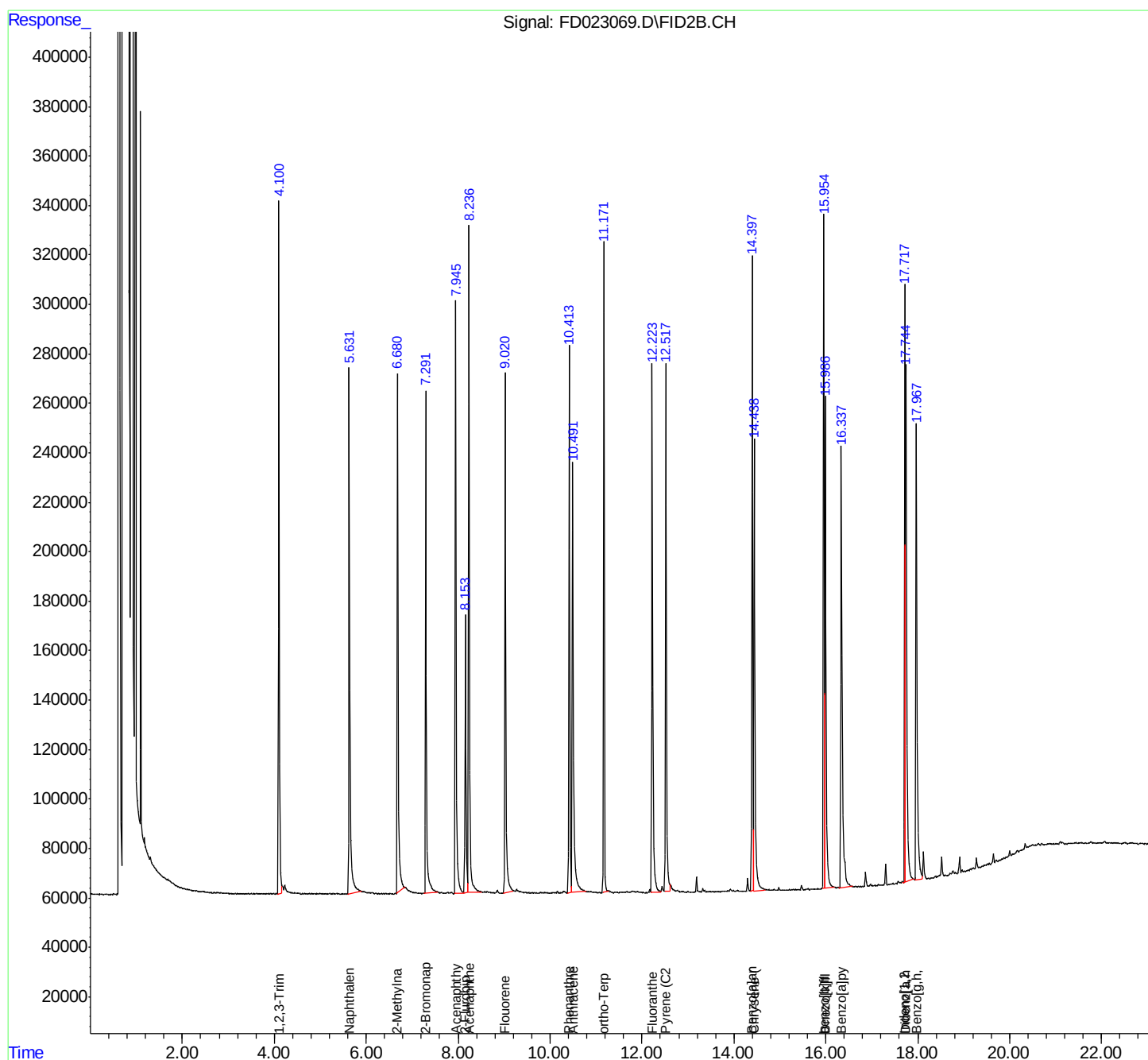
Instrument :
FID_D
ClientSampled :

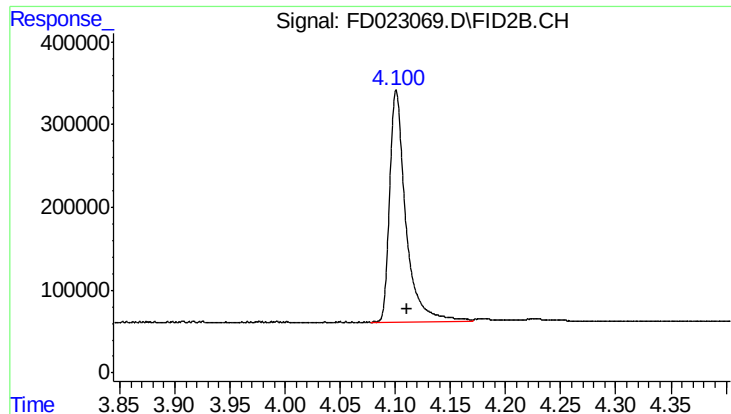
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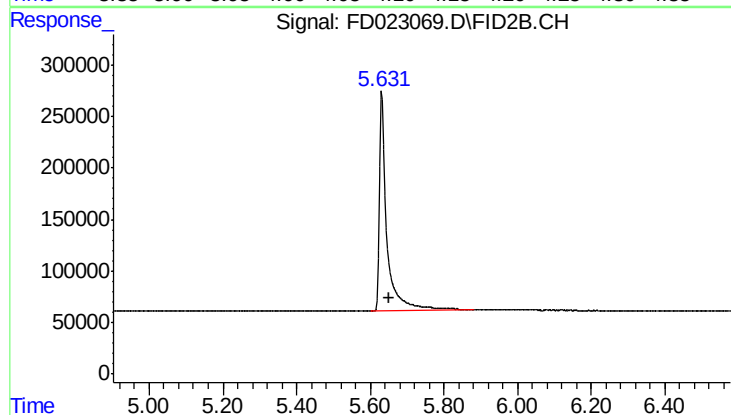
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.101 min
Delta R.T.: -0.010 min
Response: 2883778
Conc: 20.69 ug/ml

Instrument :
FID_D
ClientSampleId :

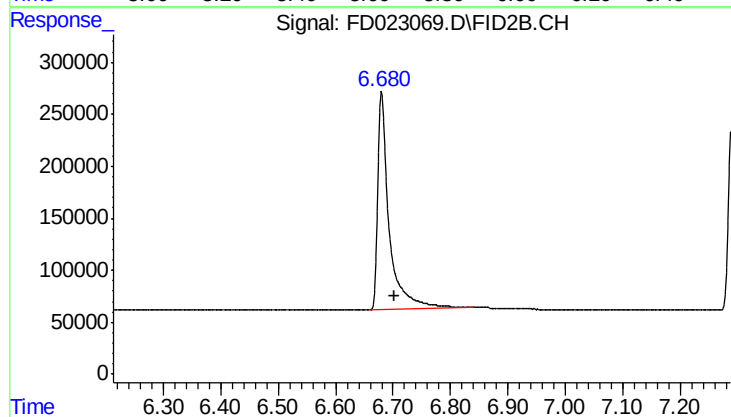
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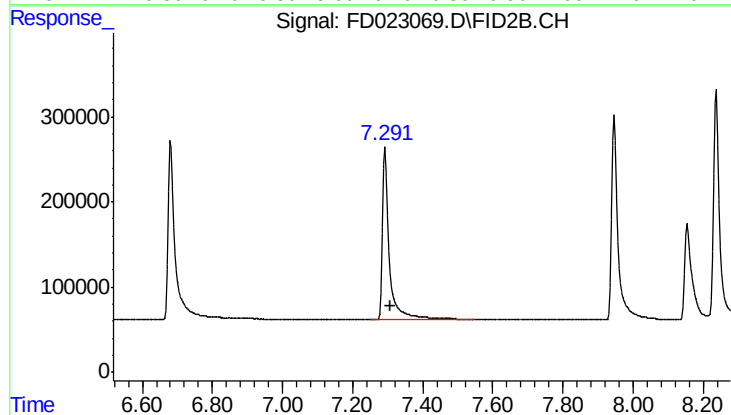
#2 Naphthalene (C11.7)

R.T.: 5.631 min
Delta R.T.: -0.022 min
Response: 2956344
Conc: 21.60 ug/ml



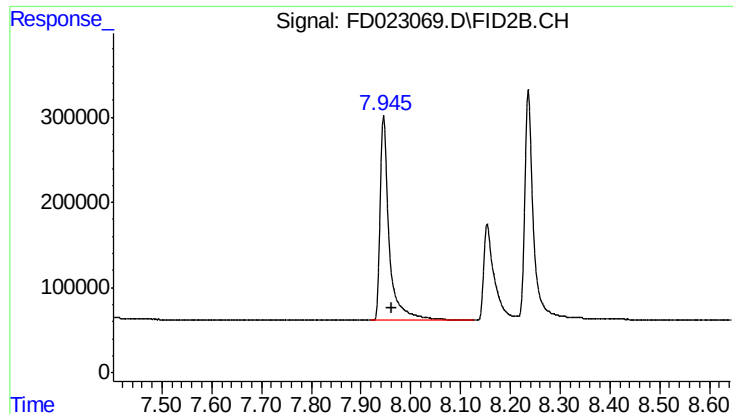
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.680 min
Delta R.T.: -0.022 min
Response: 2913703
Conc: 21.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.291 min
Delta R.T.: -0.018 min
Response: 2770385
Conc: 20.43 ug/ml



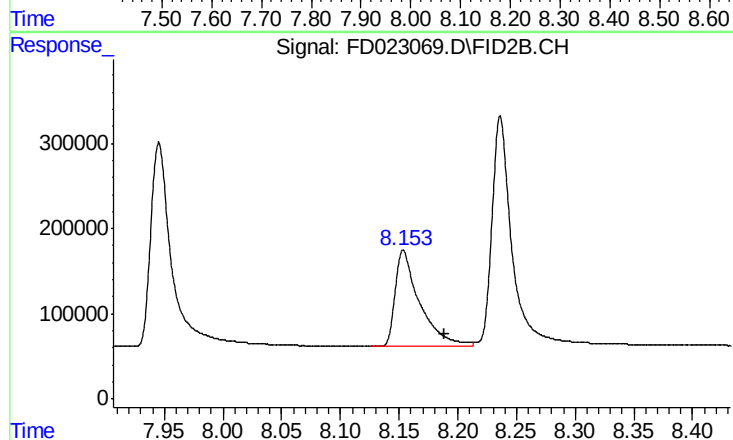
#5 Acenaphthylene (C15.06)

R.T.: 7.946 min
Delta R.T.: -0.017 min
Response: 3067607
Conc: 20.99 ug/ml

Instrument :
FID_D
ClientSampleId :

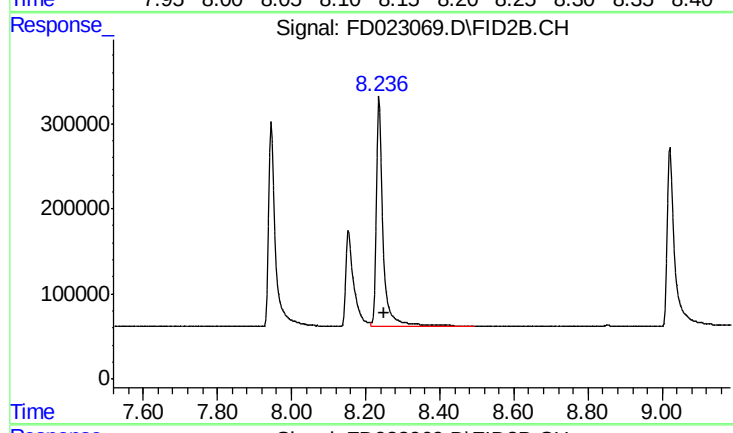
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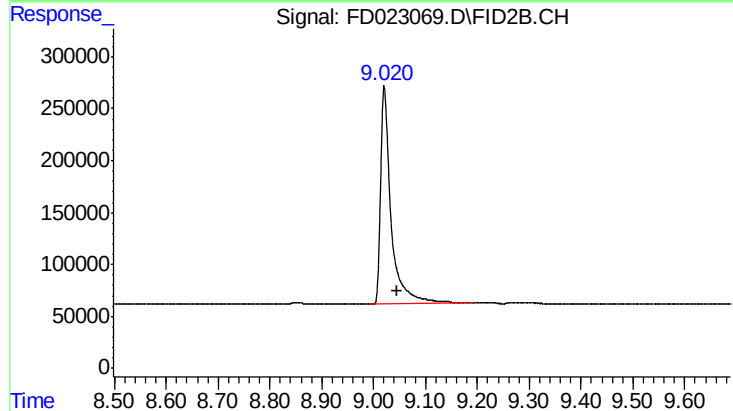
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.154 min
Delta R.T.: -0.035 min
Response: 1634991
Conc: 22.94 ug/ml



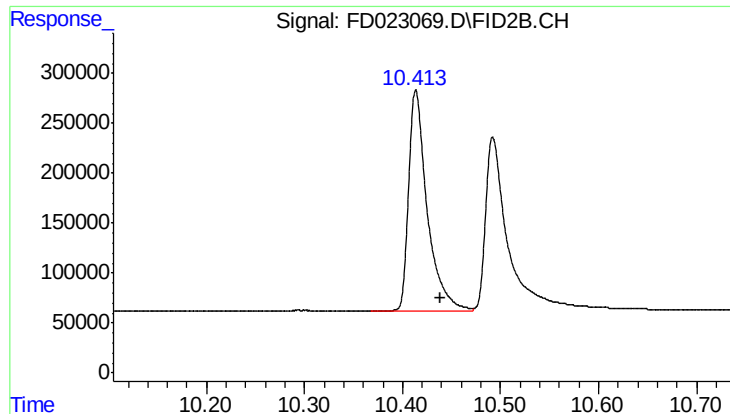
#7 Acenaphthene (C15.5)

R.T.: 8.236 min
Delta R.T.: -0.012 min
Response: 3353232
Conc: 19.85 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.021 min
Delta R.T.: -0.023 min
Response: 2967310
Conc: 20.72 ug/ml



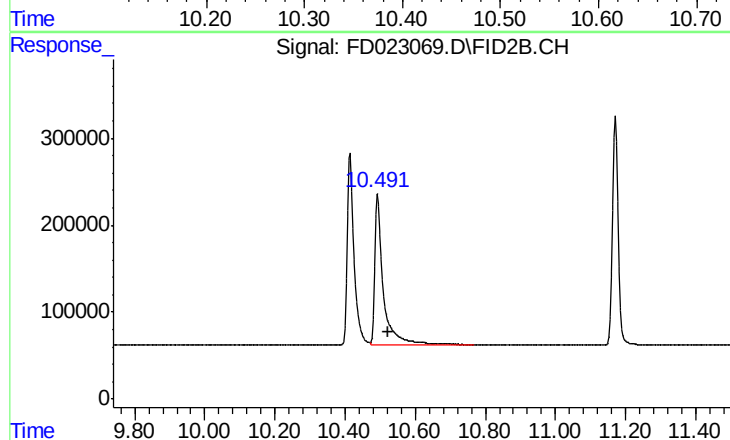
#9 Phenanthrene (C19.36)

R.T.: 10.414 min
Delta R.T.: -0.025 min
Response: 2912046
Conc: 21.94 ug/ml

Instrument :
FID_D
ClientSampleId :

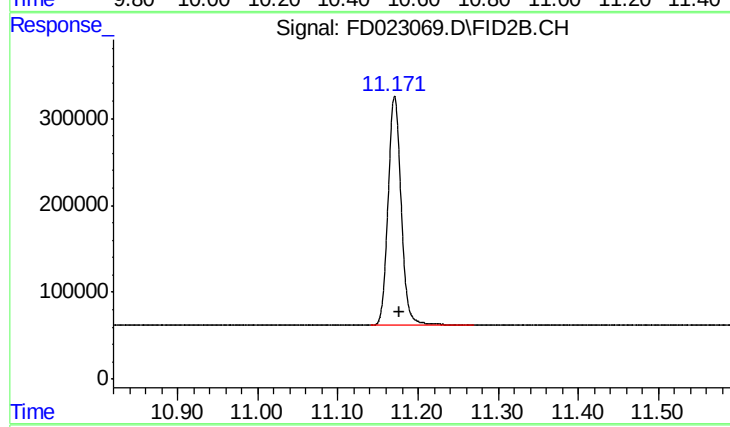
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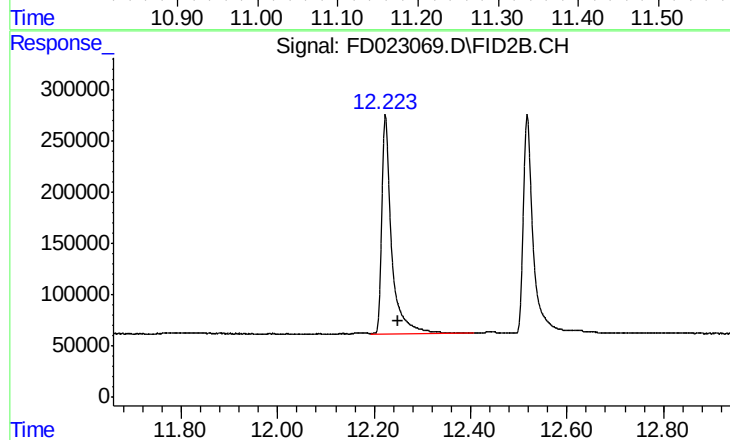
#10 Anthracene (C19.43)

R.T.: 10.492 min
Delta R.T.: -0.030 min
Response: 2919335
Conc: 20.86 ug/ml



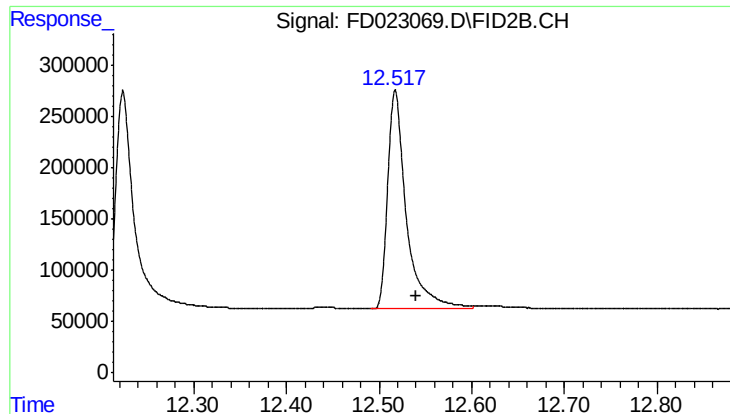
#11 ortho-Terphenyl (SURR)

R.T.: 11.171 min
Delta R.T.: -0.007 min
Response: 2986367
Conc: 21.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.224 min
Delta R.T.: -0.025 min
Response: 3039802
Conc: 22.13 ug/ml



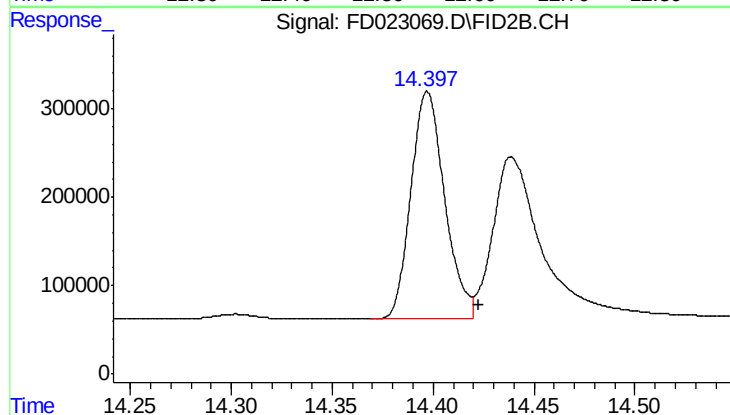
#13 Pyrene (C20.8)

R.T.: 12.518 min
Delta R.T.: -0.023 min
Response: 3014393
Conc: 21.35 ug/ml

Instrument :
FID_D
ClientSampleId :

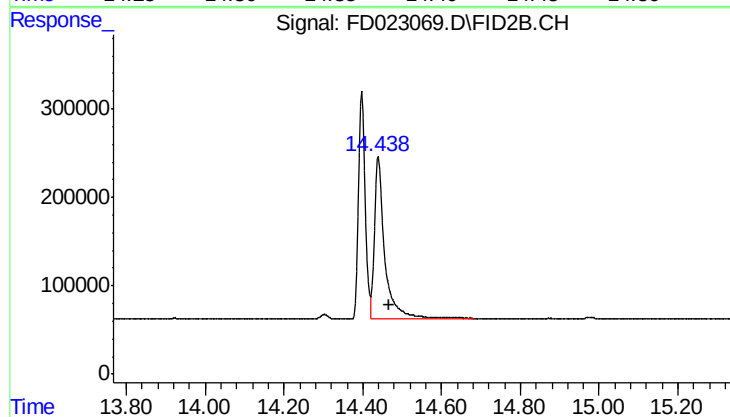
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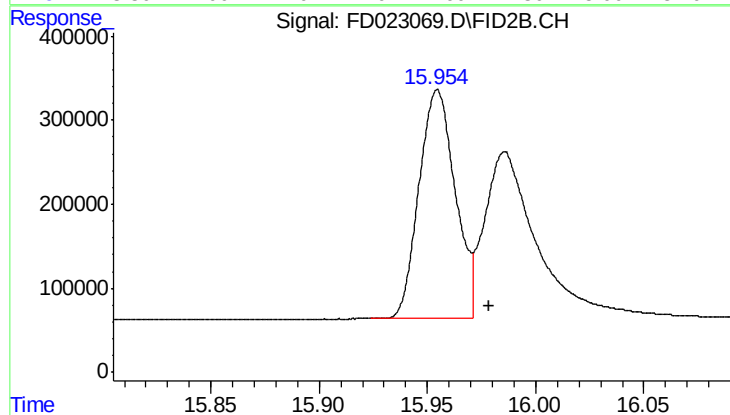
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.397 min
Delta R.T.: -0.026 min
Response: 2992853
Conc: 24.09 ug/ml m



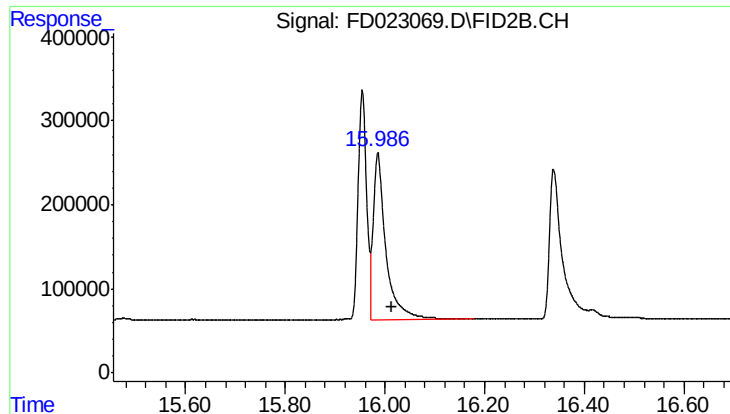
#15 Chrysene (C27.41)

R.T.: 14.439 min
Delta R.T.: -0.027 min
Response: 3322104
Conc: 21.46 ug/ml



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

R.T.: 15.954 min
Delta R.T.: -0.024 min
Response: 3182162
Conc: 23.61 ug/ml m



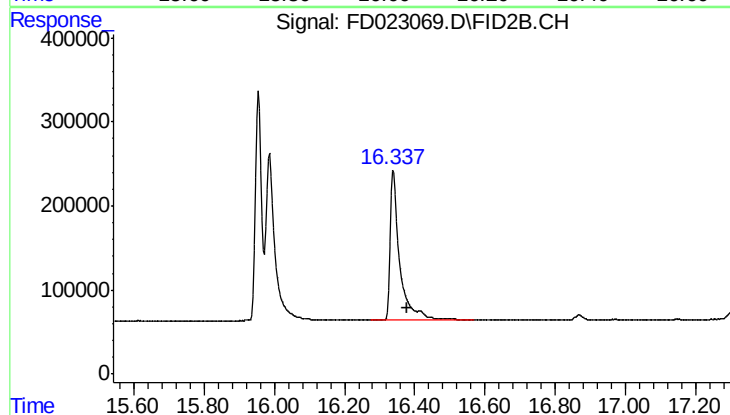
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.986 min
Delta R.T.: -0.027 min
Response: 3505286
Conc: 21.24 ug/ml

Instrument :
FID_D
ClientSampleId :

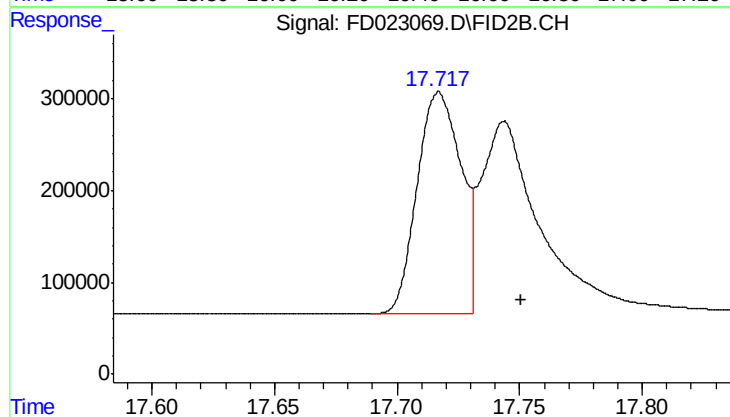
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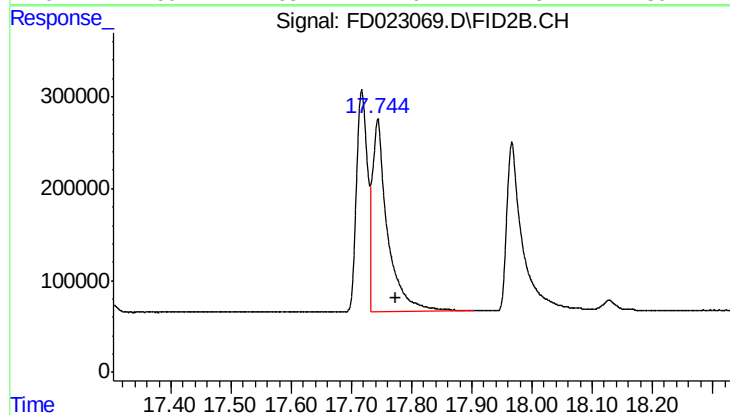
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.337 min
Delta R.T.: -0.042 min
Response: 3367015
Conc: 23.36 ug/ml m



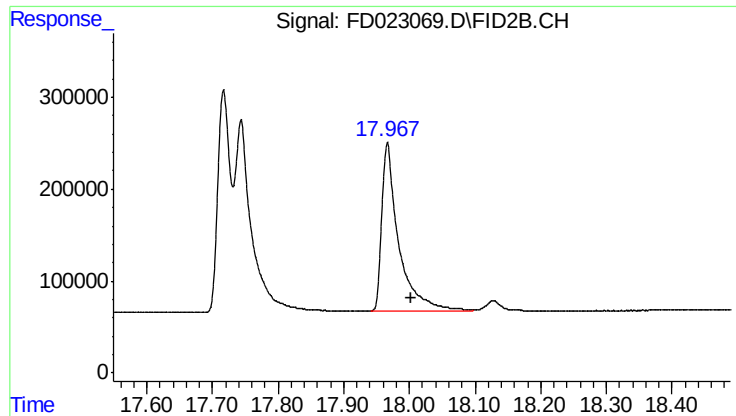
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.034 min
Response: 3034371
Conc: 23.38 ug/ml m



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

R.T.: 17.744 min
Delta R.T.: -0.029 min
Response: 3676641
Conc: 22.10 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.037 min
Response: 3289909
Conc: 22.20 ug/ml

Instrument :
FID_D
ClientSampleId :

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