

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048558.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 07:17
 Operator : YP/AJ
 Sample : P4471-02
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 23 11:14:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 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...	7.374	7008961	42.333 ug/ml
Spiked Amount 50.000		Recovery =	84.67%
6) S 2-Fluorobiphenyl (SURR)	8.224	4682999	45.157 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.31%
11) S ortho-Terphenyl (SURR)	11.257	3878838	21.081 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.261f	216932	1.238 ug/ml
12) T Fluoranthene (C21.85)	12.326	76358	0.422 ug/ml
15) T Chrysene (C27.41)	14.549	41345	0.222 ug/ml
16) T benzo[b]fluoranthene ...	16.017	152114	0.913 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	152114	0.896 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.412	120663	0.738 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	390592	2.969 ug/ml
20) T Dibenz[a,h]anthracene...	17.814	442010	2.641 ug/ml

(f)=RT Delta > 1/2 Window

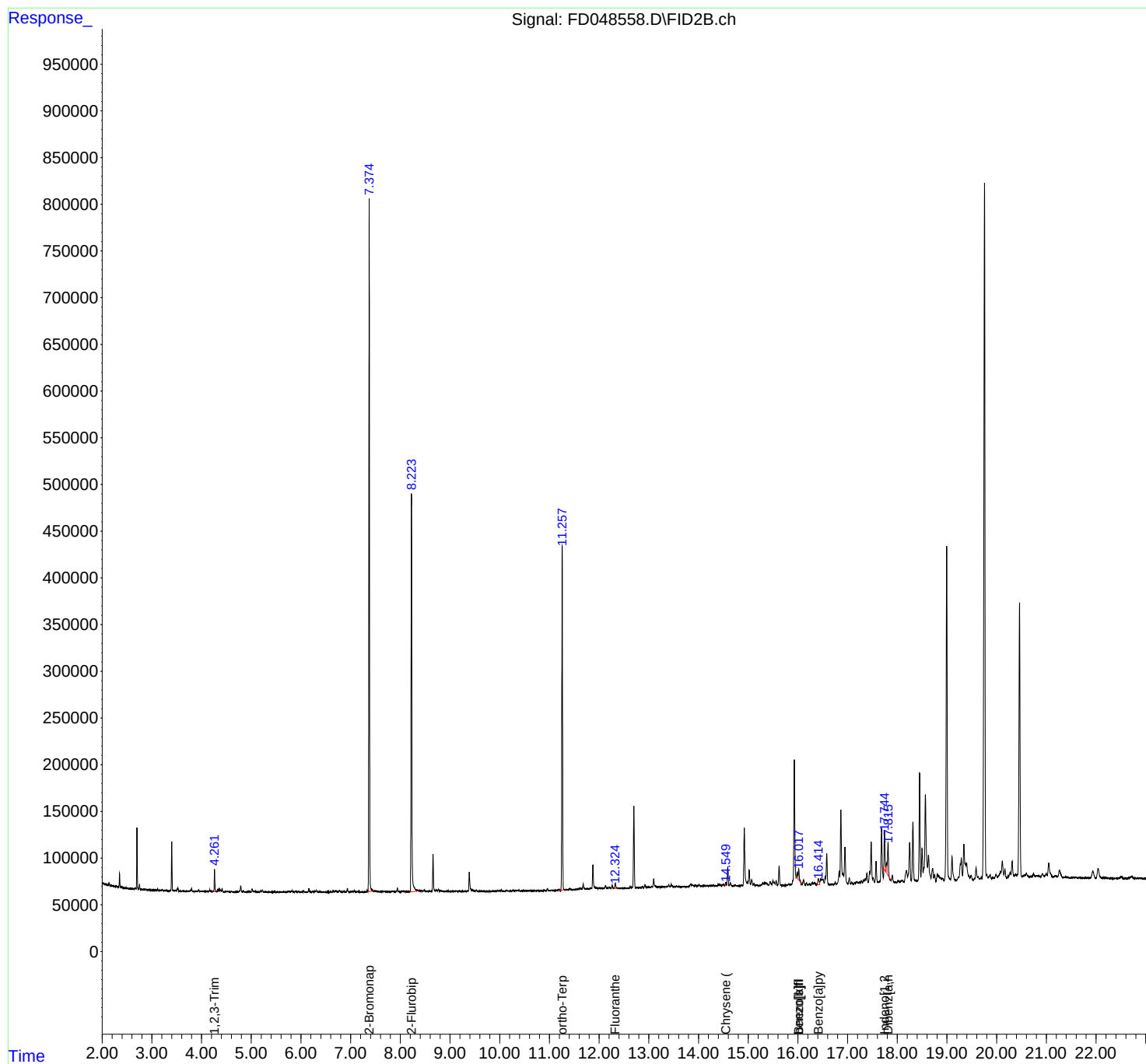
(m)=manual int.

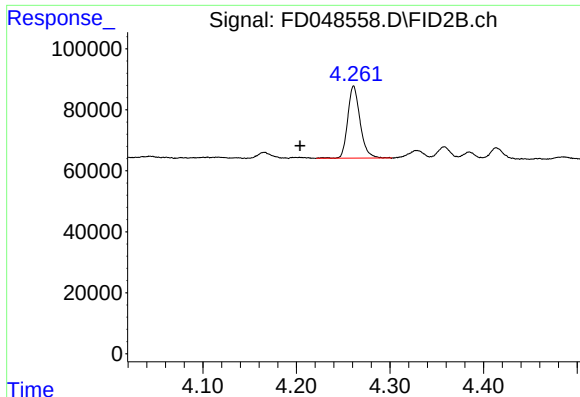
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Signal Info : 20M x 0.18mm x 0.18µm

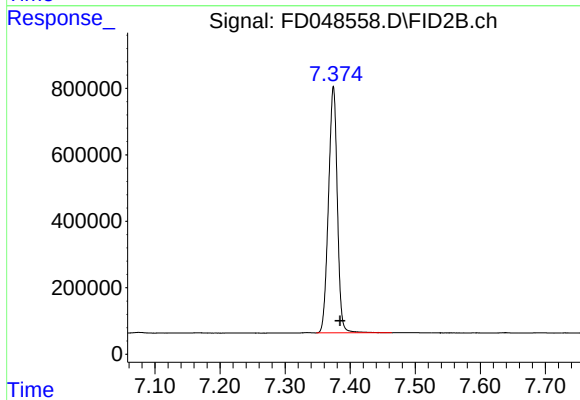




#1 1,2,3-Trimethylbenzene (C10.1)

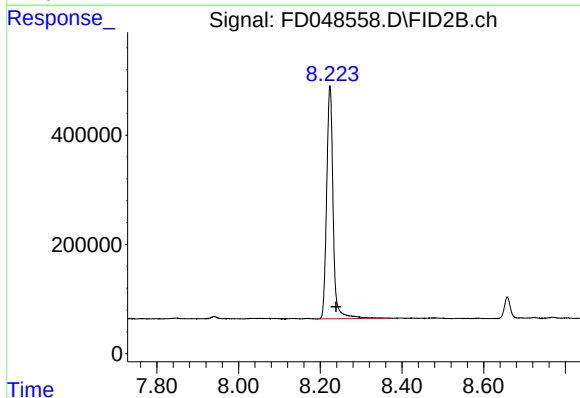
R.T.: 4.261 min
Delta R.T.: 0.057 min
Response: 216932
Conc: 1.24 ug/ml

Instrument :
FID_D
ClientSampleId :



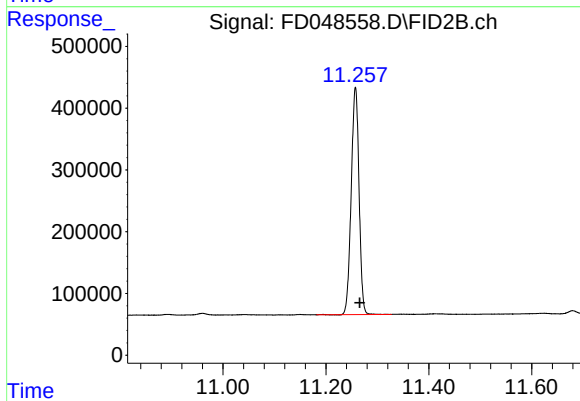
#4 2-Bromonaphthalene (SURR)

R.T.: 7.374 min
Delta R.T.: -0.010 min
Response: 7008961
Conc: 42.33 ug/ml



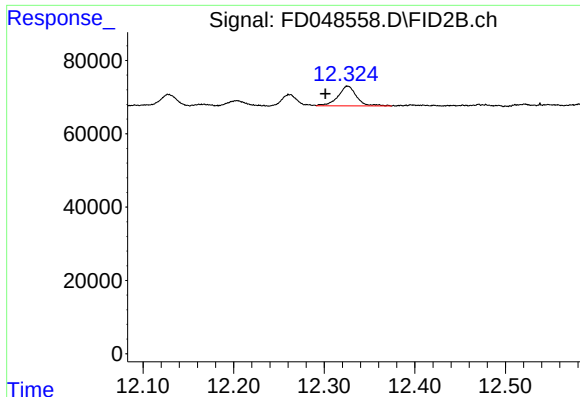
#6 2-Flurobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: -0.015 min
Response: 4682999
Conc: 45.16 ug/ml



#11 ortho-Terphenyl (SURR)

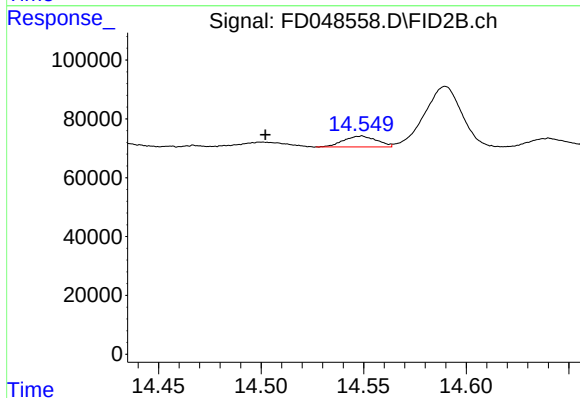
R.T.: 11.257 min
Delta R.T.: -0.008 min
Response: 3878838
Conc: 21.08 ug/ml



#12 Fluoranthene (C21.85)

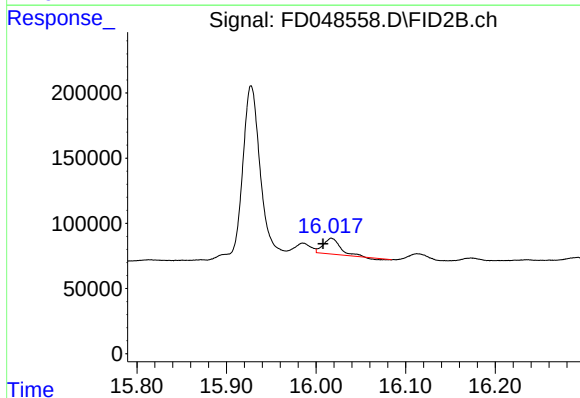
R.T.: 12.326 min
Delta R.T.: 0.025 min
Response: 76358
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



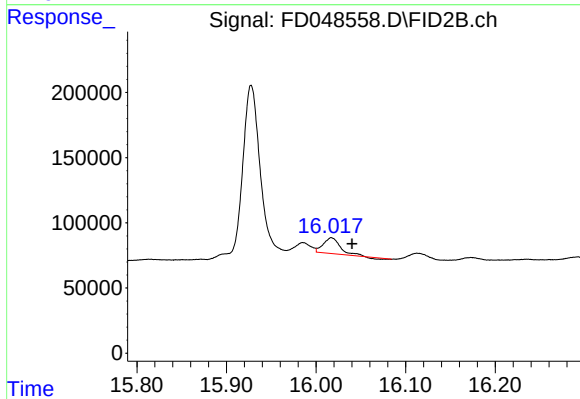
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: 0.046 min
Response: 41345
Conc: 0.22 ug/ml



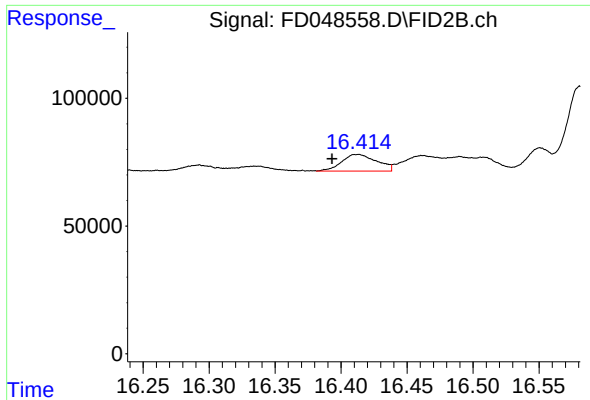
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.017 min
Delta R.T.: 0.009 min
Response: 152114
Conc: 0.91 ug/ml



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

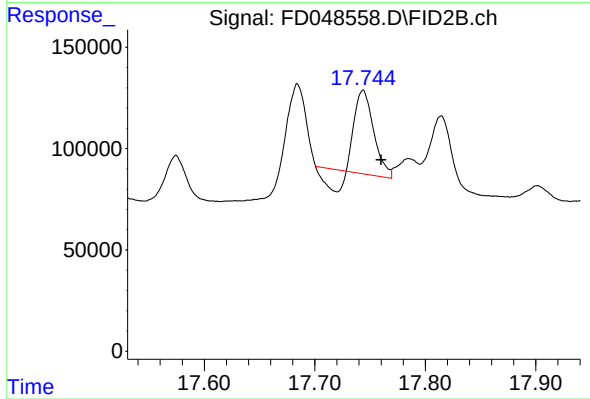
R.T.: 16.017 min
Delta R.T.: -0.023 min
Response: 152114
Conc: 0.90 ug/ml



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

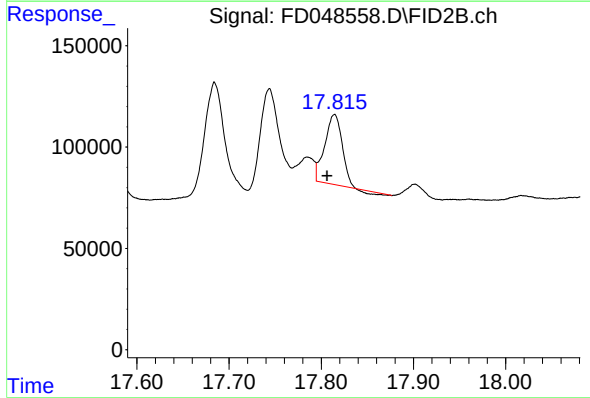
R.T.: 16.412 min
Delta R.T.: 0.019 min
Response: 120663
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.744 min
Delta R.T.: -0.016 min
Response: 390592
Conc: 2.97 ug/ml



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

R.T.: 17.814 min
Delta R.T.: 0.008 min
Response: 442010
Conc: 2.64 ug/ml