

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048904.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 15:12
 Operator : YP/AJ
 Sample : P5299-04
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 21 04:05:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.361	7667113	45.520 ug/ml
Spiked Amount 50.000		Recovery =	91.04%
6) S 2-Fluorobiphenyl (SURR)	8.210	4932050	47.741 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.48%
11) S ortho-Terphenyl (SURR)	11.245	5200786	29.274 ug/ml
Spiked Amount 50.000		Recovery =	58.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.160	40143	0.212 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	36403	0.197 ug/ml
12) T Fluoranthene (C21.85)	12.314	41014	0.251 ug/ml
15) T Chrysene (C27.41)	14.538f	34560	0.214 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	80524	0.756 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	75311	0.519 ug/ml

(f)=RT Delta > 1/2 Window

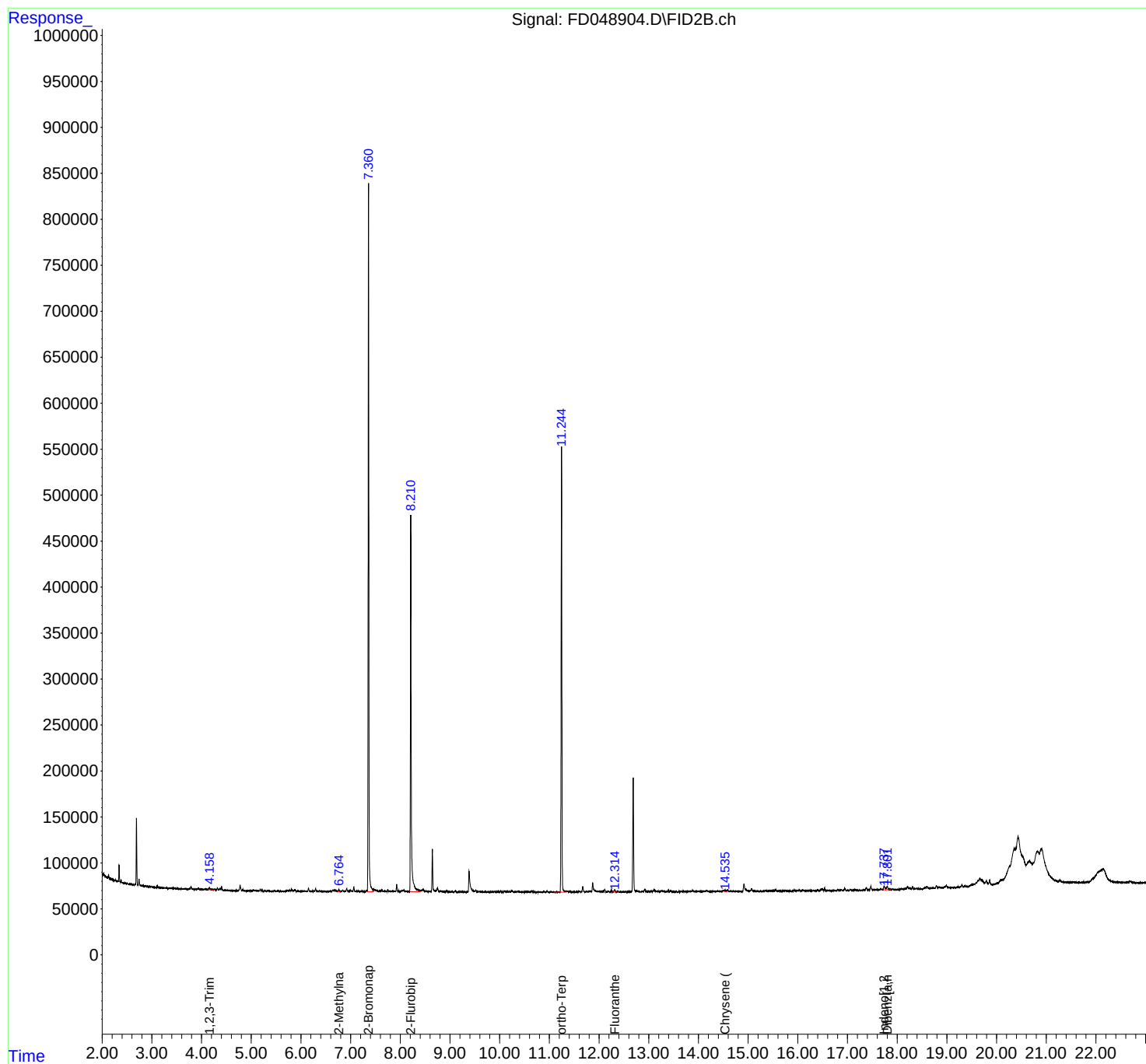
(m)=manual int.

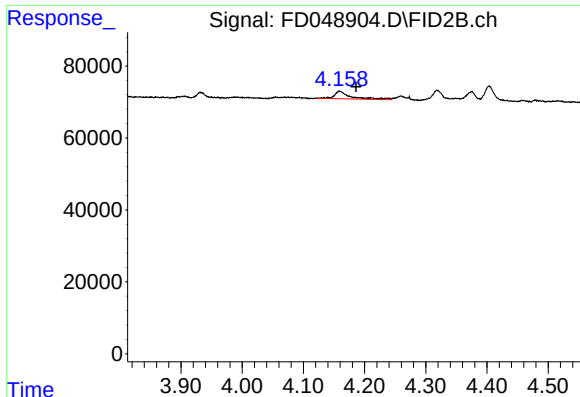
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Signal Info : 20M x 0.18mm x 0.18µm

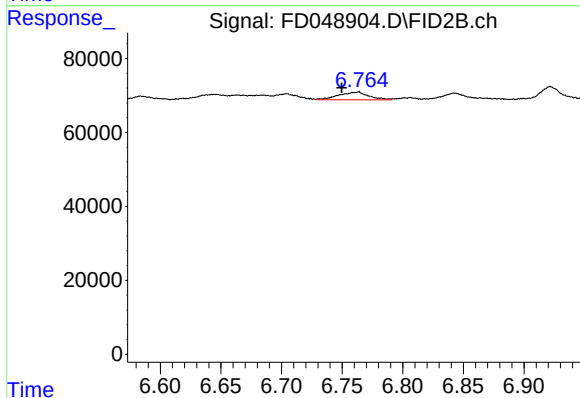




#1 1,2,3-Trimethylbenzene (C10.1)

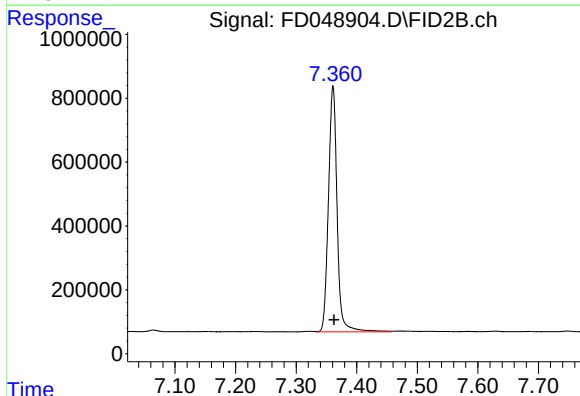
R.T.: 4.160 min
Delta R.T.: -0.026 min
Response: 40143
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



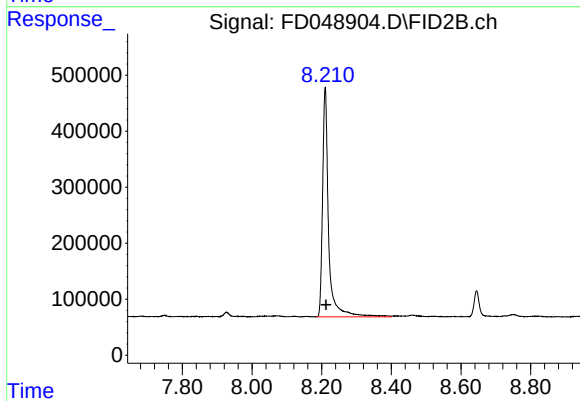
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.012 min
Response: 36403
Conc: 0.20 ug/ml



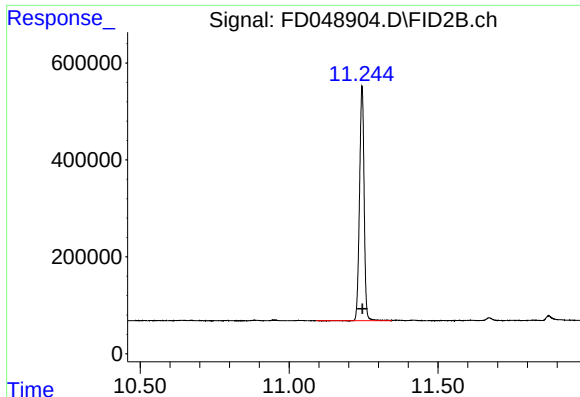
#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 7667113
Conc: 45.52 ug/ml



#6 2-Fluorobiphenyl (SURR)

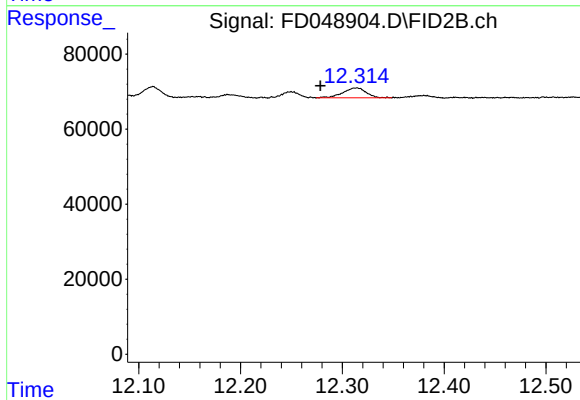
R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 4932050
Conc: 47.74 ug/ml



#11 ortho-Terphenyl (SURR)

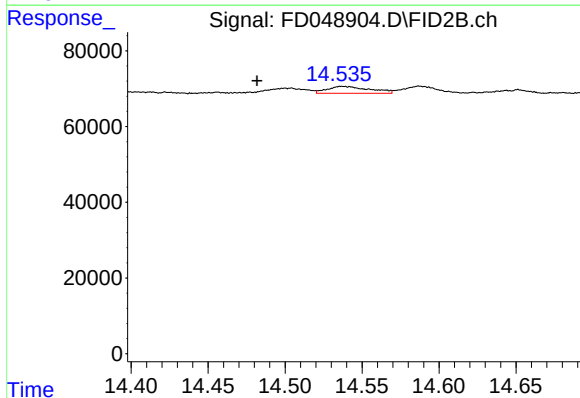
R.T.: 11.245 min
Delta R.T.: -0.002 min
Response: 5200786
Conc: 29.27 ug/ml

Instrument :
FID_D
ClientSampleId :



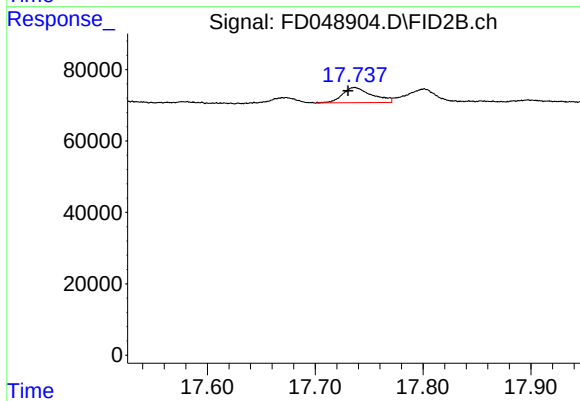
#12 Fluoranthene (C21.85)

R.T.: 12.314 min
Delta R.T.: 0.035 min
Response: 41014
Conc: 0.25 ug/ml



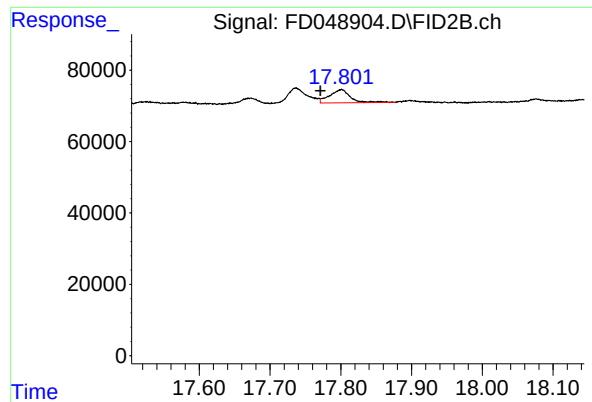
#15 Chrysene (C27.41)

R.T.: 14.538 min
Delta R.T.: 0.057 min
Response: 34560
Conc: 0.21 ug/ml



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

R.T.: 17.737 min
Delta R.T.: 0.006 min
Response: 80524
Conc: 0.76 ug/ml



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

R.T.: 17.800 min
Delta R.T.: 0.029 min
Response: 75311
Conc: 0.52 ug/ml

Instrument :

FID_D

ClientSampleId :