

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120624AR\
 Data File : FD048843.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2024 20:24
 Operator : YP/AJ
 Sample : P5147-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 03:12:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.367	12004144	68.183 ug/ml
Spiked Amount 50.000		Recovery =	136.37%
6) S 2-Fluorobiphenyl (SURR)	8.220	7347362	63.796 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.59%
11) S ortho-Terphenyl (SURR)	11.257	14563991	75.722 ug/ml
Spiked Amount 50.000		Recovery =	151.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.215	76534	0.406 ug/ml
2) T Naphthalene (C11.7)	5.703	324257	1.658 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	3986130	20.858 ug/ml
5) T Acenaphthylene (C15.06)	8.010	1837912	9.477 ug/ml
7) T Acenaphthene (C15.5)	8.309	1460607	7.594 ug/ml
8) T Flouorene (C16.55)	9.091	3107675	16.198 ug/ml
9) T Phenanthrene (C19.36)	10.482	5437560	29.664 ug/ml
10) T Anthracene (C19.43)	10.581	4266669	22.784 ug/ml
12) T Fluoranthene (C21.85)	12.289	4857096	26.524 ug/ml
13) T Pyrene (C20.8)	12.581	3505108	19.387 ug/ml
15) T Chrysene (C27.41)	14.535	291139	1.664 ug/ml

(f)=RT Delta > 1/2 Window

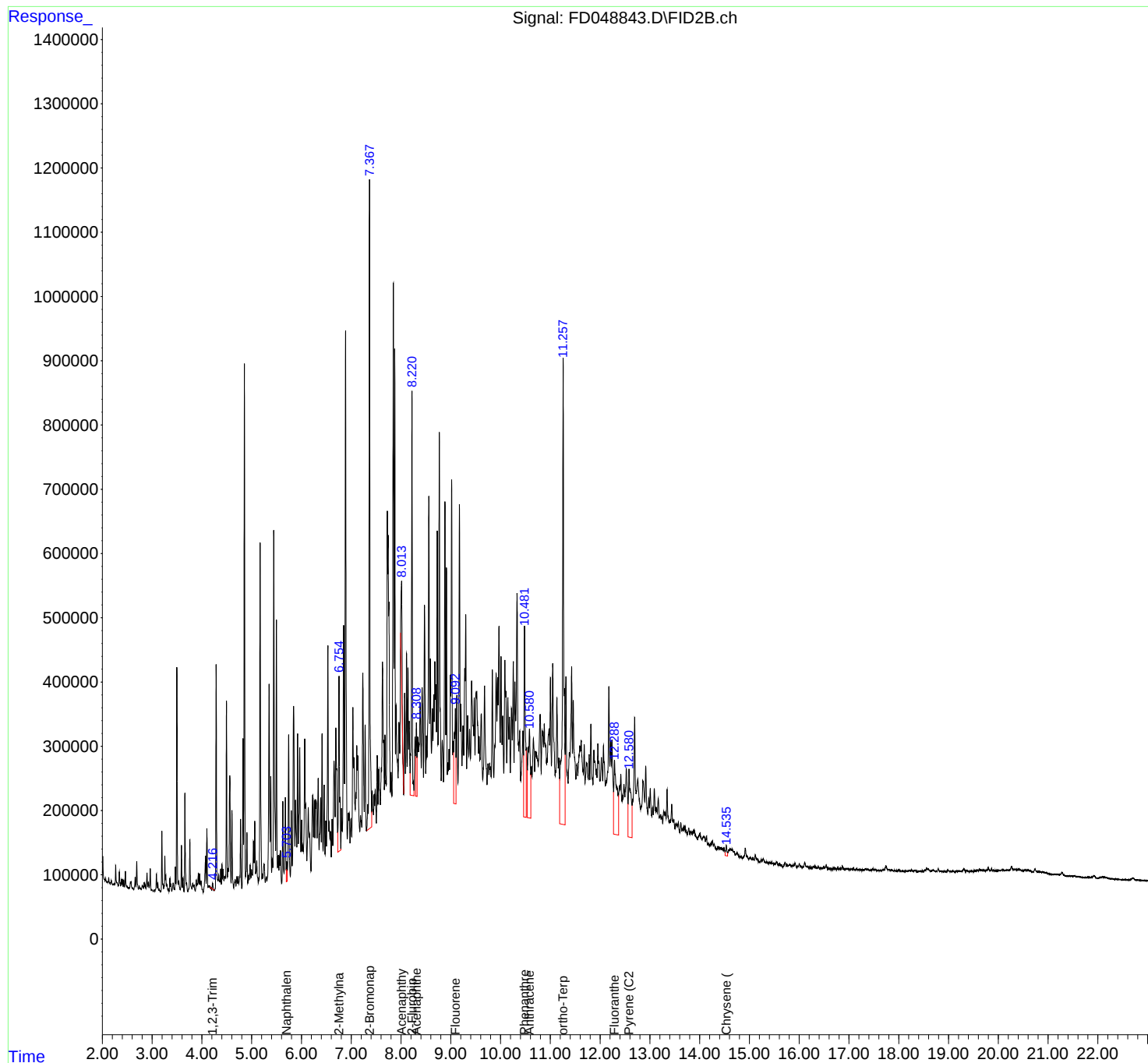
(m)=manual int.

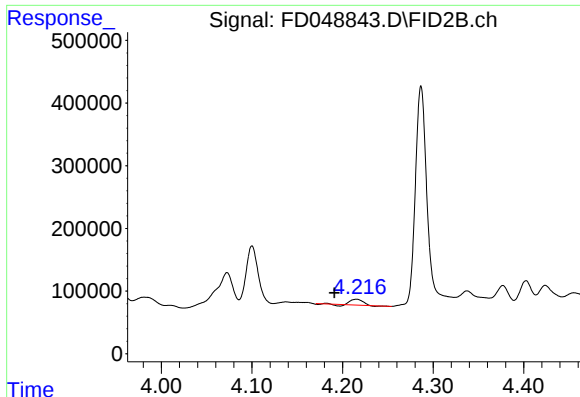
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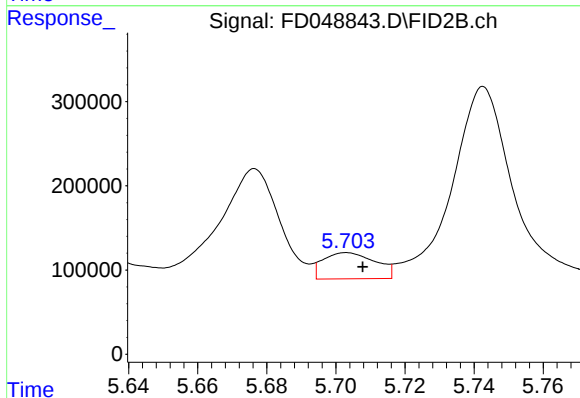




#1 1,2,3-Trimethylbenzene (C10.1)

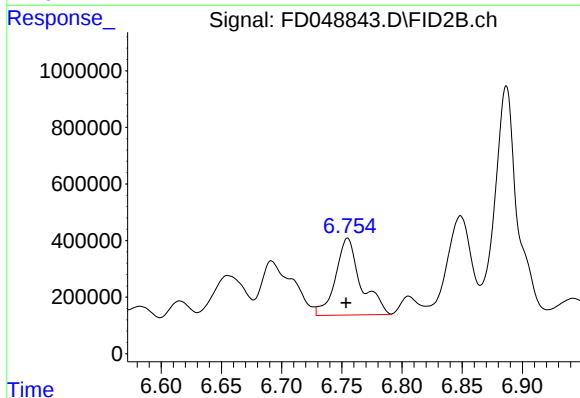
R.T.: 4.215 min
Delta R.T.: 0.024 min
Response: 76534
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



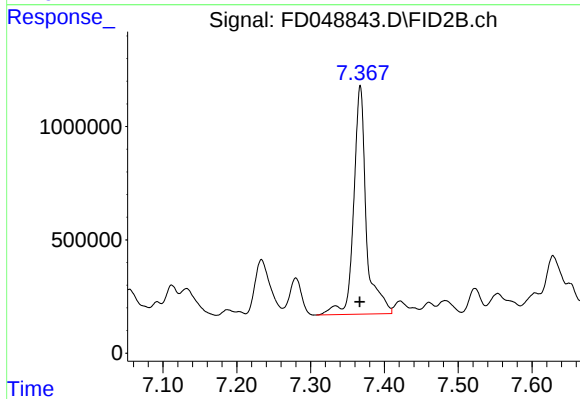
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 324257
Conc: 1.66 ug/ml



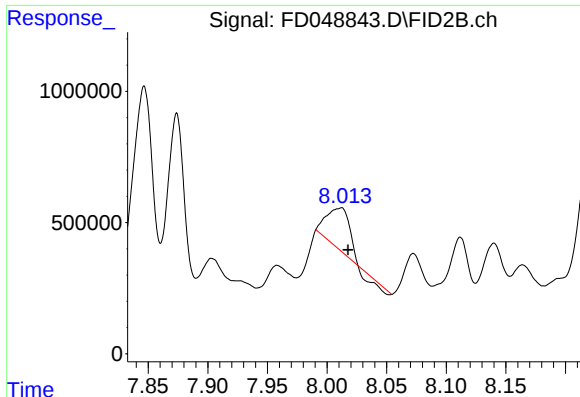
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 3986130
Conc: 20.86 ug/ml



#4 2-Bromonaphthalene (SURR)

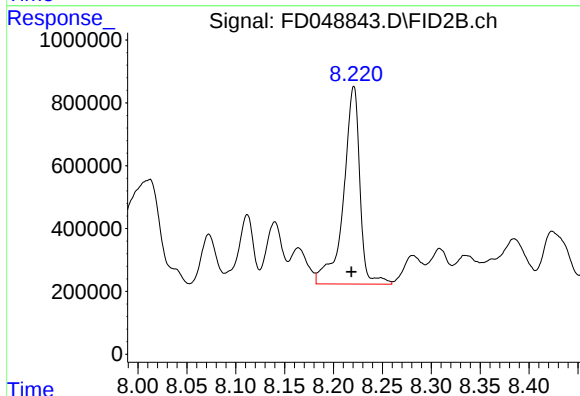
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 12004144
Conc: 68.18 ug/ml



#5 Acenaphthylene (C15.06)

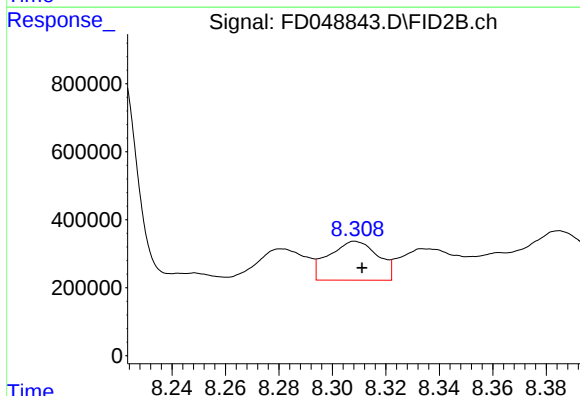
R.T.: 8.010 min
Delta R.T.: -0.008 min
Response: 1837912
Conc: 9.48 ug/ml

Instrument :
FID_D
ClientSampleId :



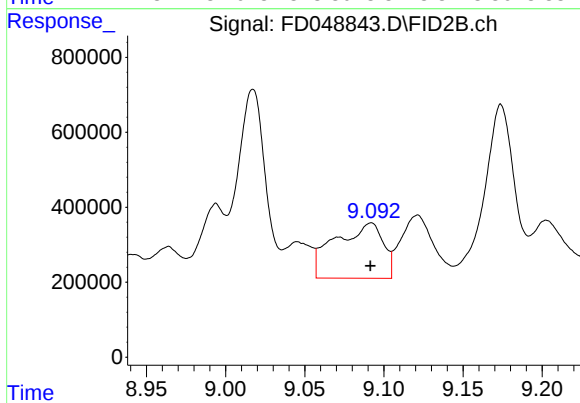
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: 0.002 min
Response: 7347362
Conc: 63.80 ug/ml



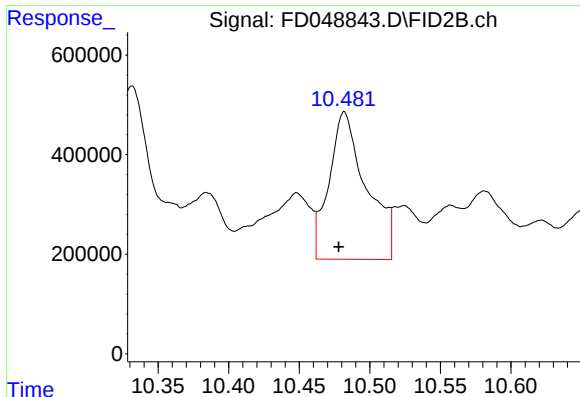
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: -0.002 min
Response: 1460607
Conc: 7.59 ug/ml



#8 Flouorene (C16.55)

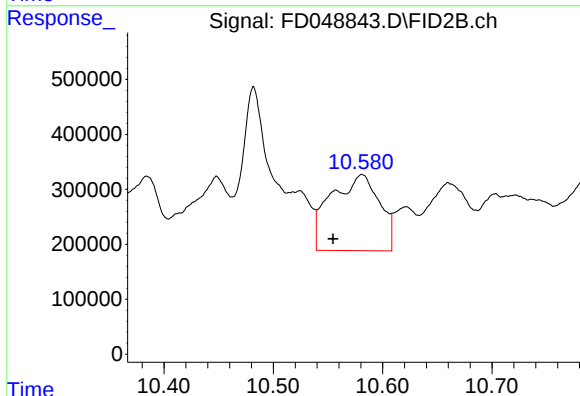
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 3107675
Conc: 16.20 ug/ml



#9 Phenanthrene (C19.36)

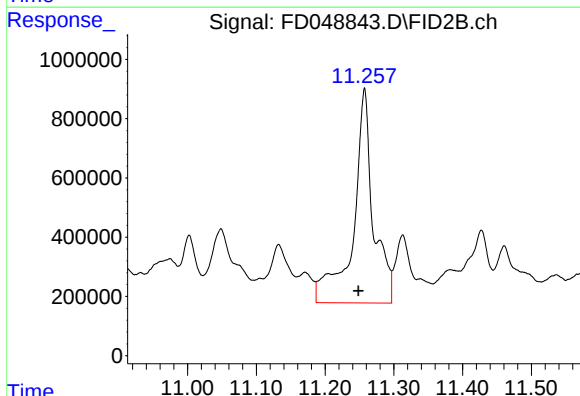
R.T.: 10.482 min
Delta R.T.: 0.004 min
Response: 5437560
Conc: 29.66 ug/ml

Instrument :
FID_D
ClientSampleId :



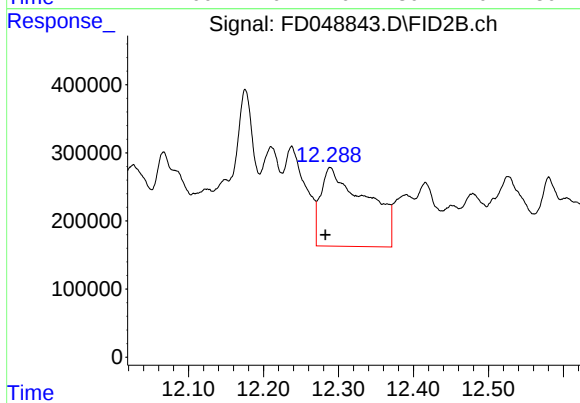
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: 0.027 min
Response: 4266669
Conc: 22.78 ug/ml



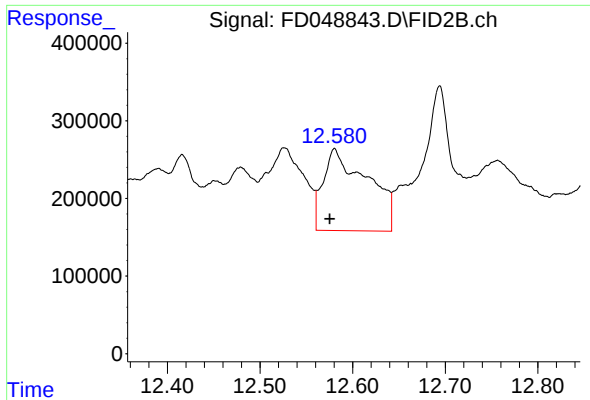
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: 0.009 min
Response: 14563991
Conc: 75.72 ug/ml



#12 Fluoranthene (C21.85)

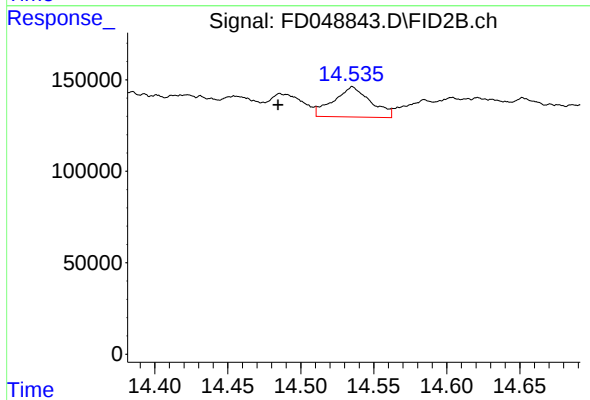
R.T.: 12.289 min
Delta R.T.: 0.007 min
Response: 4857096
Conc: 26.52 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.581 min
Delta R.T.: 0.006 min
Response: 3505108
Conc: 19.39 ug/ml

Instrument :
FID_D
ClientSampleId :



#15 Chrysene (C27.41)

R.T.: 14.535 min
Delta R.T.: 0.051 min
Response: 291139
Conc: 1.66 ug/ml