

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
 Data File : FE052225.D
 Signal(s) : FID1B.ch
 Acq On : 04 Feb 2025 17:38
 Operator : YP\AJ
 Sample : Q1280-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 05 00:51:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.288	3566250	28.814 ug/ml
Spiked Amount 50.000		Recovery =	57.63%
12) S 1-chlorooctadecane (S...	13.702	3017820	30.578 ug/ml
Spiked Amount 50.000		Recovery =	61.16%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.678	268626	2.514 ug/ml
5) T A~2-methylnaphthalene...	7.761	316577	3.023 ug/ml
6) T n-Tetradecane (C14)	8.867	58905	0.584 ug/ml
14) T n-Tetracosane (C24)	15.521	131757	1.146 ug/ml
18) T n-Dotriacontane (C32)	19.224	526600	4.830 ug/ml
19) T n-Tetratriacontane (C34)	20.005	787524	8.301 ug/ml
20) T n-Hexatriacontane (C36)	20.744	835653	10.113 ug/ml
21) T n-Octatriacontane (C38)	21.554	316698	4.263 ug/ml
22) T n-Tetracontane (C40)	22.592	368686	4.945 ug/ml

(f)=RT Delta > 1/2 Window

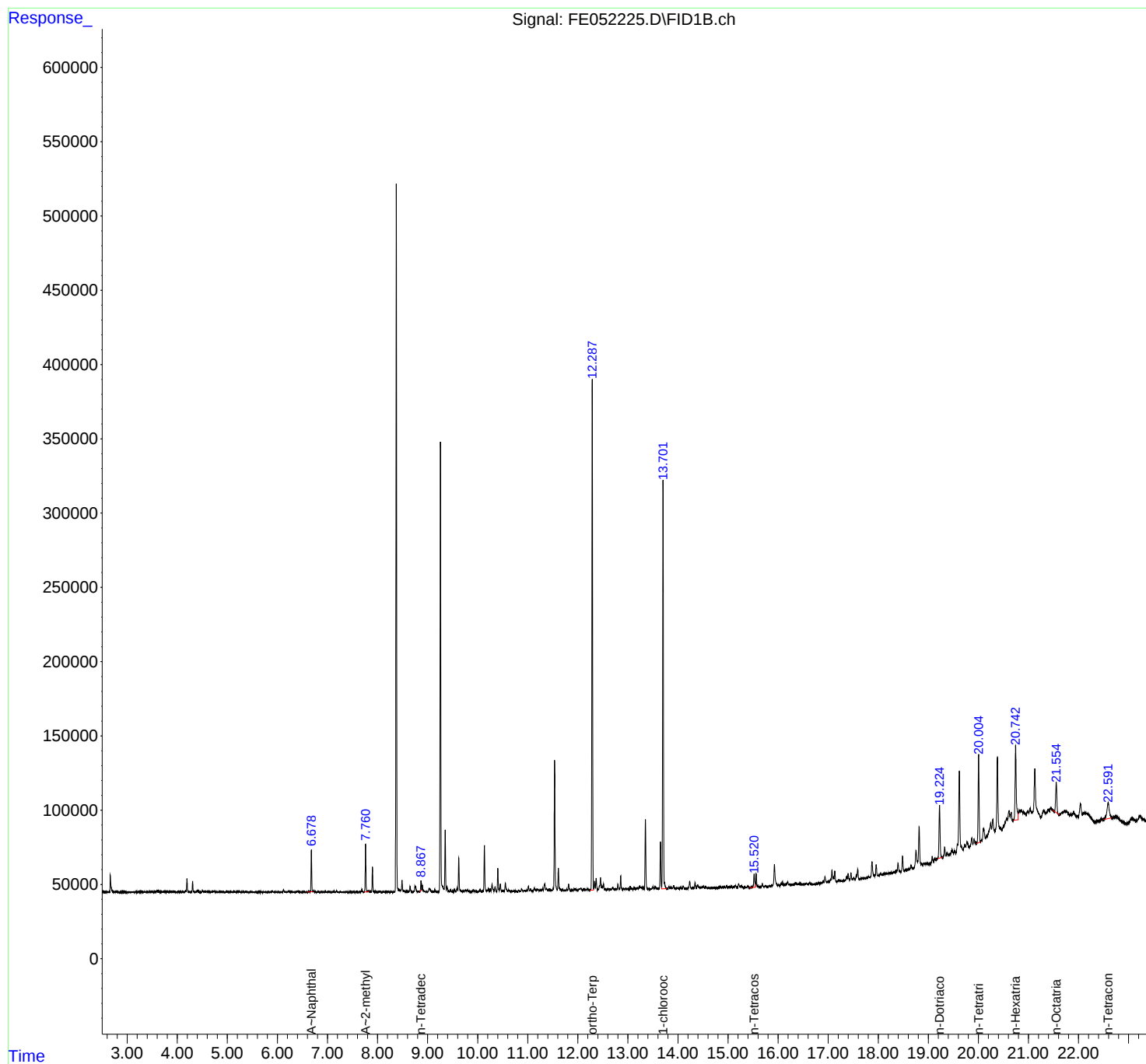
(m)=manual int.

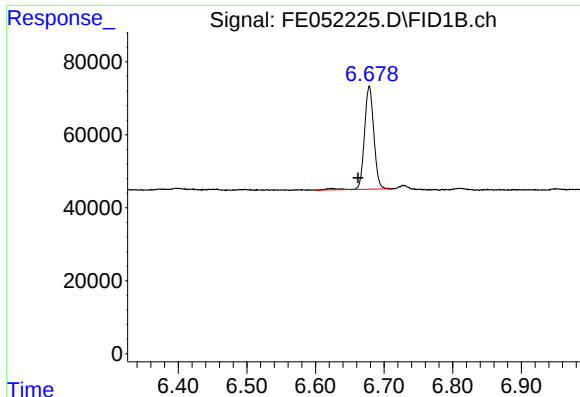
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Signal Info : 20M x 0.18mm x 0.18um

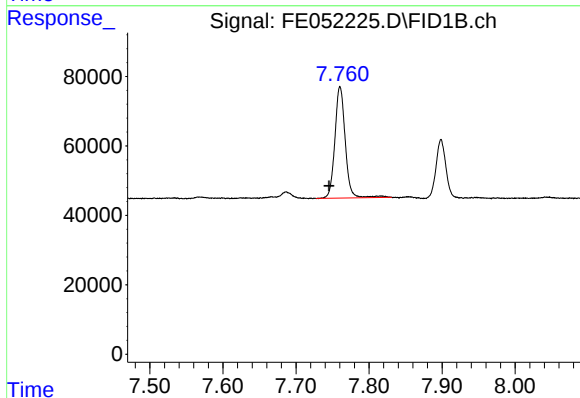




#3 A~Naphthalene (C11.7)

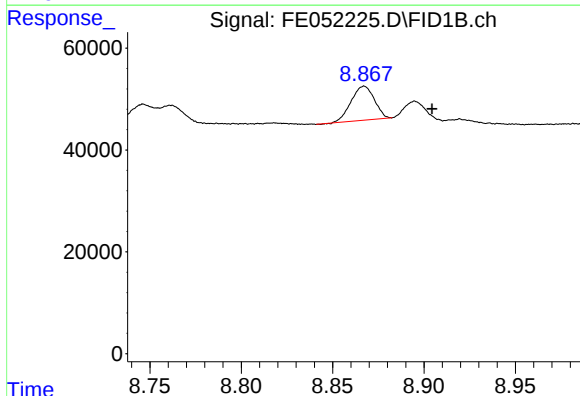
R.T.: 6.678 min
Delta R.T.: 0.016 min
Response: 268626
Conc: 2.51 ug/ml

Instrument :
FID_E
ClientSampleId :



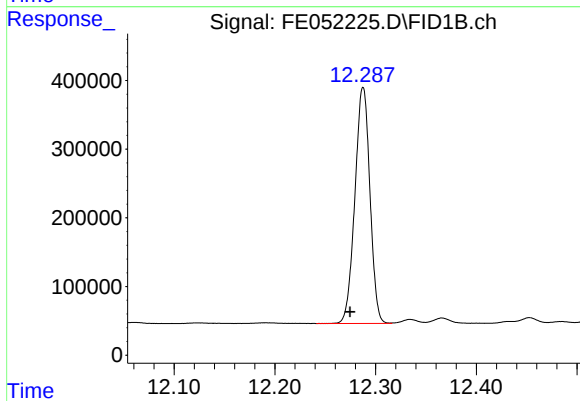
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.761 min
Delta R.T.: 0.015 min
Response: 316577
Conc: 3.02 ug/ml



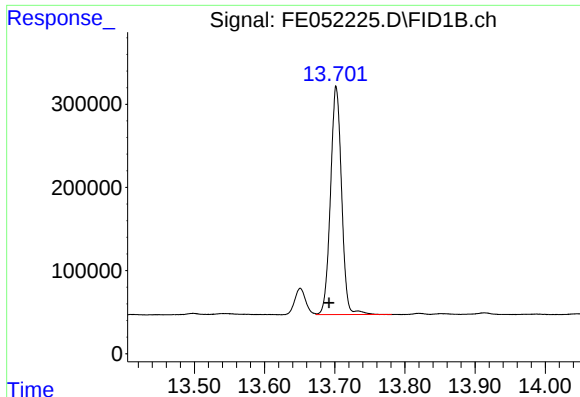
#6 n-Tetradecane (C14)

R.T.: 8.867 min
Delta R.T.: -0.037 min
Response: 58905
Conc: 0.58 ug/ml



#9 ortho-Terphenyl (SURR)

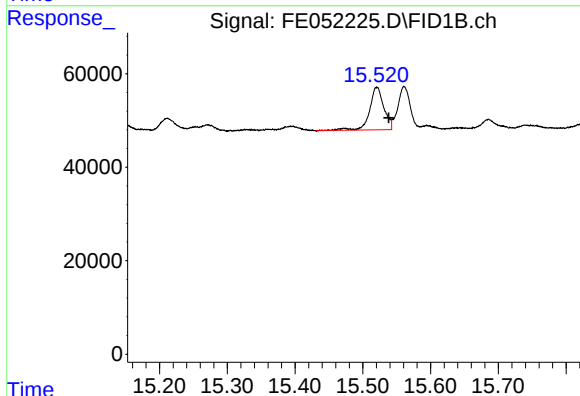
R.T.: 12.288 min
Delta R.T.: 0.013 min
Response: 3566250
Conc: 28.81 ug/ml



#12 1-chlorooctadecane (SURR)

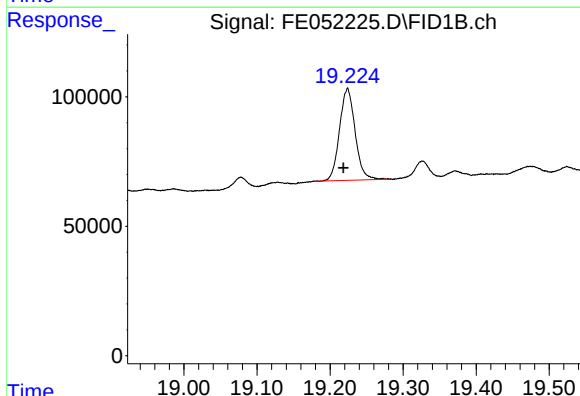
R.T.: 13.702 min
Delta R.T.: 0.010 min
Response: 3017820
Conc: 30.58 ug/ml

Instrument :
FID_E
ClientSampleId :



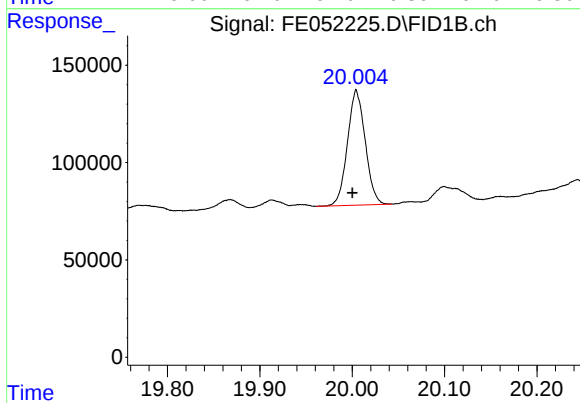
#14 n-Tetracosane (C24)

R.T.: 15.521 min
Delta R.T.: -0.017 min
Response: 131757
Conc: 1.15 ug/ml



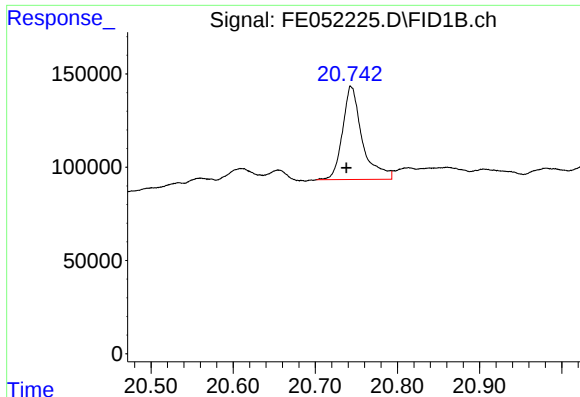
#18 n-Dotriacontane (C32)

R.T.: 19.224 min
Delta R.T.: 0.005 min
Response: 526600
Conc: 4.83 ug/ml



#19 n-Tetratriacontane (C34)

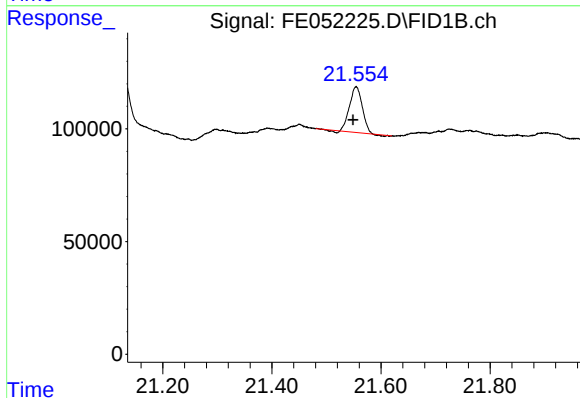
R.T.: 20.005 min
Delta R.T.: 0.004 min
Response: 787524
Conc: 8.30 ug/ml



#20 n-Hexatriacontane (C36)

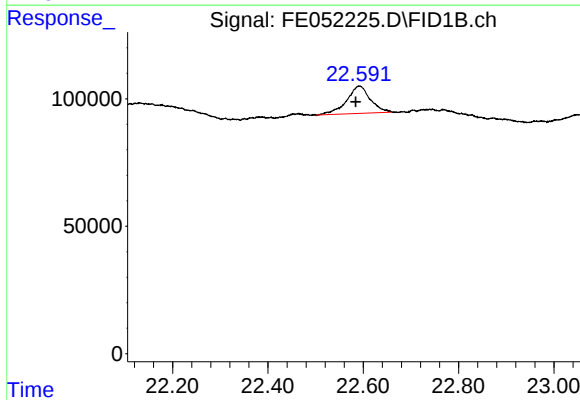
R.T.: 20.744 min
Delta R.T.: 0.006 min
Response: 835653
Conc: 10.11 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.554 min
Delta R.T.: 0.006 min
Response: 316698
Conc: 4.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.592 min
Delta R.T.: 0.008 min
Response: 368686
Conc: 4.95 ug/ml