

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020723AL\
 Data File : FE040231.D
 Signal(s) : FID1B.ch
 Acq On : 07 Feb 2023 18:57
 Operator : YP\AJ
 Sample : 01416-01D
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 08 01:27:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 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)	11.894	286178	1.768 ug/ml
Spiked Amount 50.000		Recovery =	3.54%
12) S 1-chlorooctadecane (S...	13.334	4554518	36.723 ug/ml
Spiked Amount 50.000		Recovery =	73.45%
Target Compounds			
4) T n-Dodecane (C12)	6.705	42522	0.316 ug/ml
8) T n-Octadecane (C18)	11.581	60434	0.406 ug/ml
10) T n-Eicosane (C20)	12.888	43841	0.298 ug/ml
13) T n-Docosane (C22)	14.087	45880	0.310 ug/ml
14) T n-Tetracosane (C24)	15.191	70847	0.467 ug/ml
15) T n-Hexacosane (C26)	16.213	66697	0.450 ug/ml
16) T n-Octacosane (C28)	17.165	70893	0.473 ug/ml
17) T n-Tricontane (C30)	18.052	77316	0.524 ug/ml
18) T n-Dotriacontane (C32)	18.884	84398	0.576 ug/ml
19) T n-Tetratriacontane (C34)	19.667	76587	0.557 ug/ml
20) T n-Hexatriacontane (C36)	20.412	75139	0.566 ug/ml
21) T n-Octatriacontane (C38)	21.142	80906	0.624 ug/ml
22) T n-Tetracontane (C40)	22.042	94206	0.710 ug/ml

(f)=RT Delta > 1/2 Window

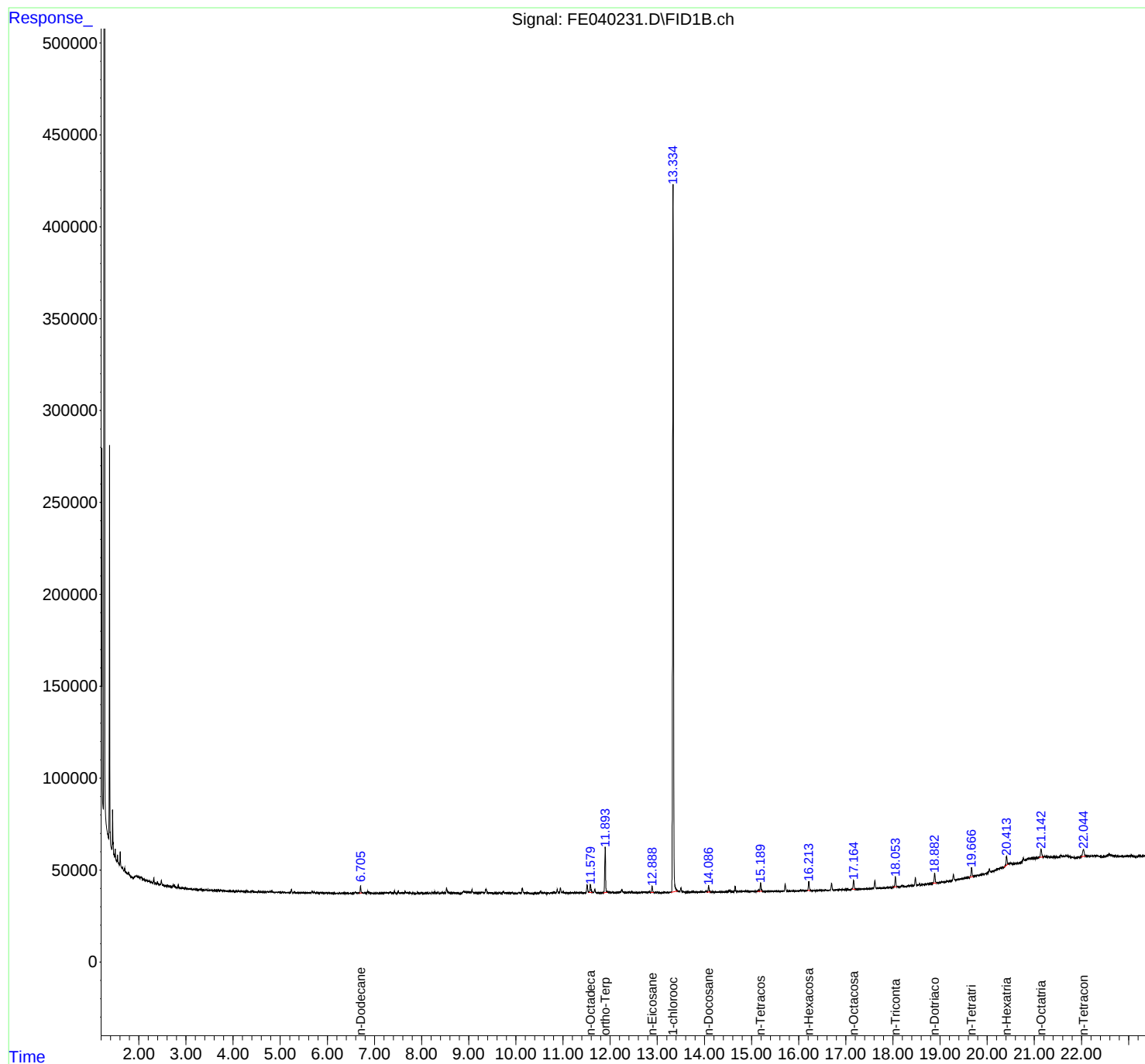
(m)=manual int.

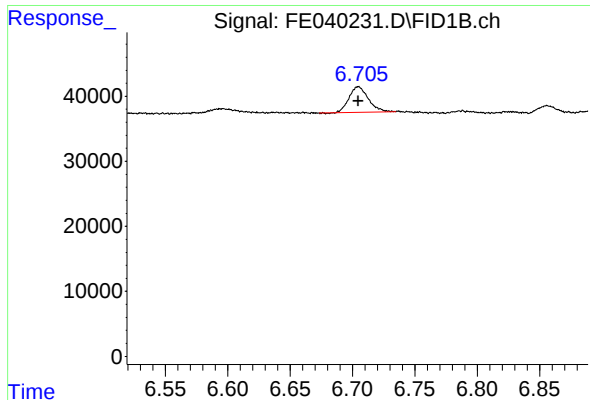
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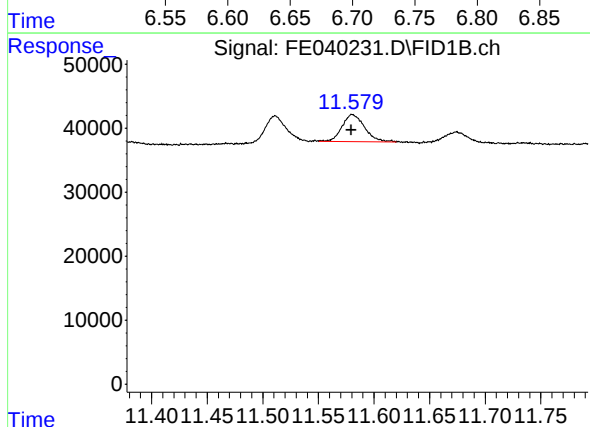




#4 n-Dodecane (C12)

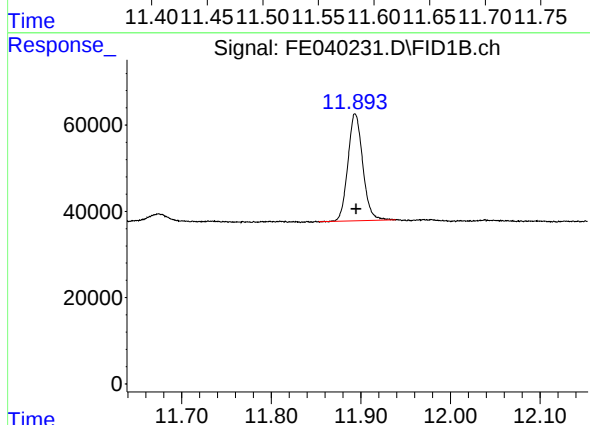
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 42522
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



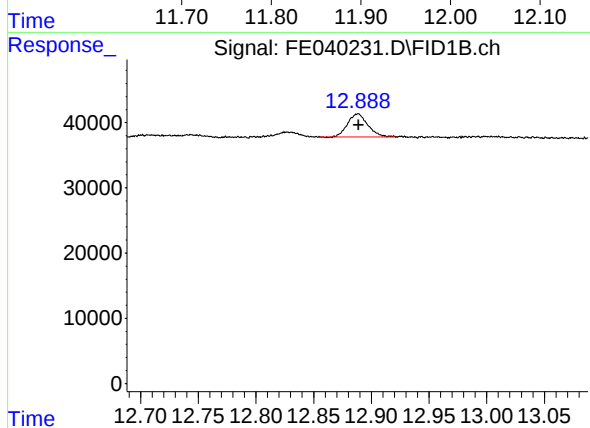
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 60434
Conc: 0.41 ug/ml



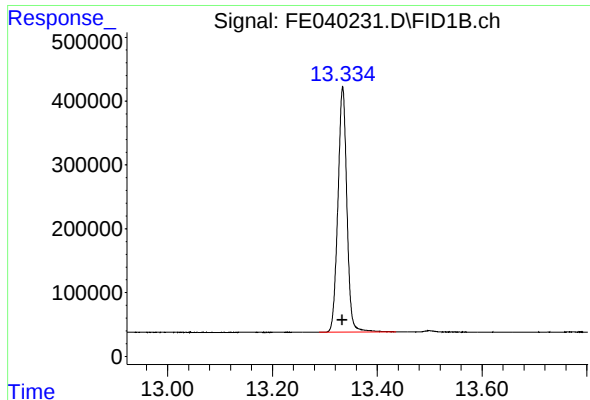
#9 ortho-Terphenyl (SURR)

R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 286178
Conc: 1.77 ug/ml



#10 n-Eicosane (C20)

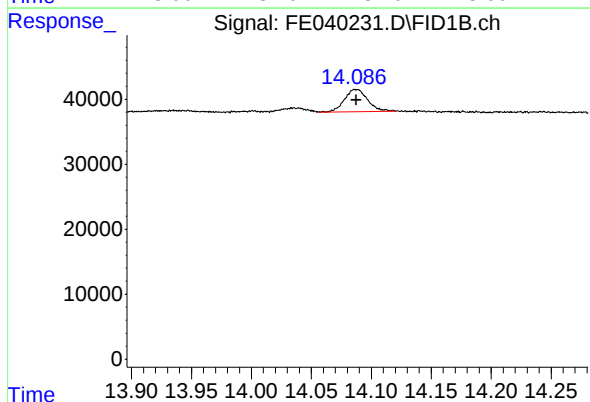
R.T.: 12.888 min
Delta R.T.: 0.000 min
Response: 43841
Conc: 0.30 ug/ml



#12 1-chlorooctadecane (SURR)

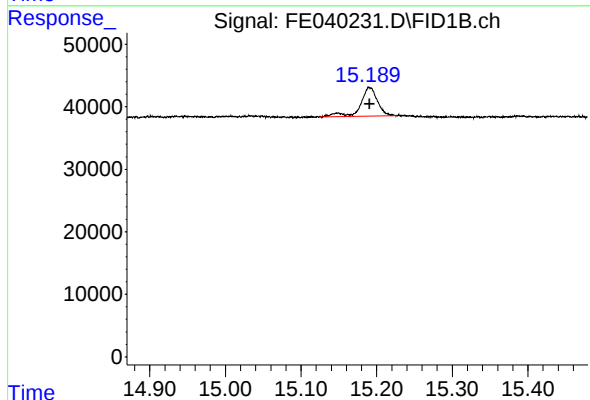
R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 4554518
Conc: 36.72 ug/ml

Instrument :
FID_E
ClientSampleId :



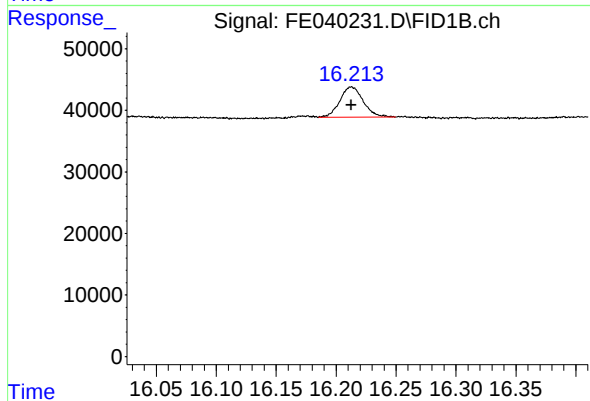
#13 n-Docosane (C22)

R.T.: 14.087 min
Delta R.T.: 0.000 min
Response: 45880
Conc: 0.31 ug/ml



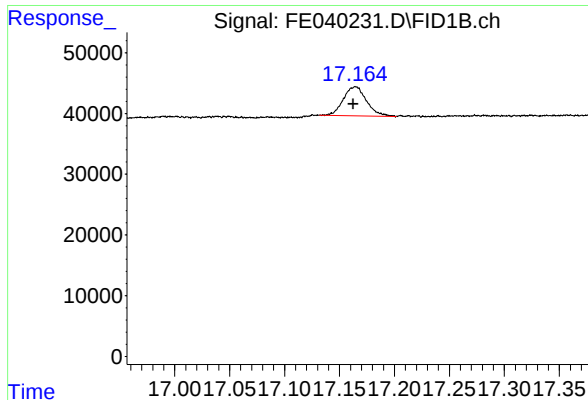
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 70847
Conc: 0.47 ug/ml



#15 n-Hexacosane (C26)

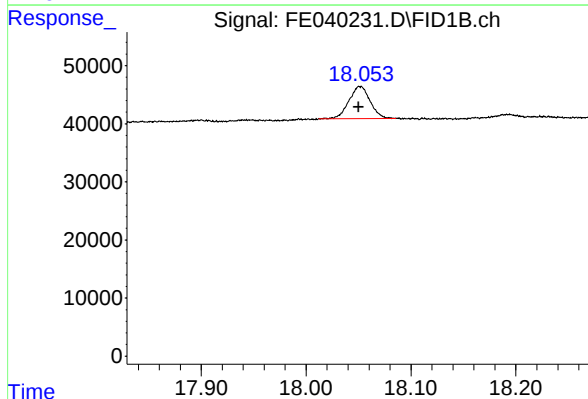
R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 66697
Conc: 0.45 ug/ml



#16 n-Octacosane (C28)

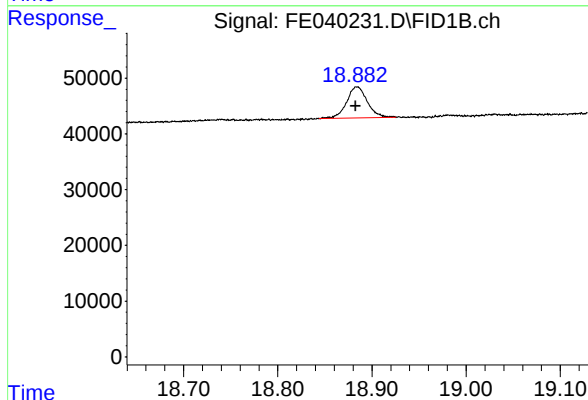
R.T.: 17.165 min
Delta R.T.: 0.002 min
Response: 70893
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :



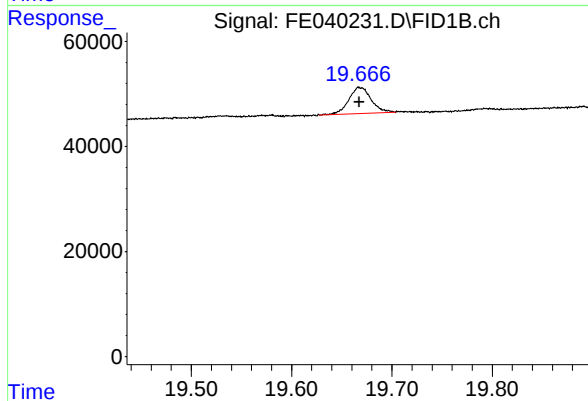
#17 n-Tricontane (C30)

R.T.: 18.052 min
Delta R.T.: 0.001 min
Response: 77316
Conc: 0.52 ug/ml



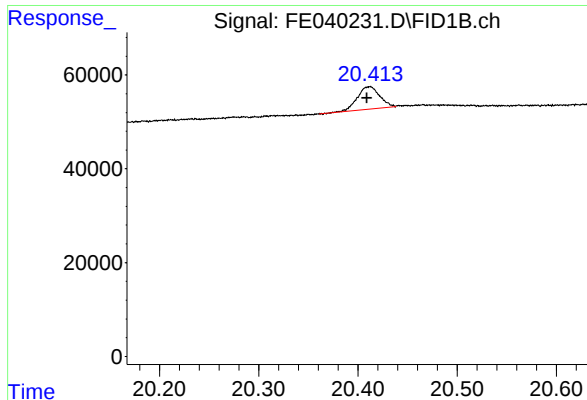
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.002 min
Response: 84398
Conc: 0.58 ug/ml



#19 n-Tetratriacontane (C34)

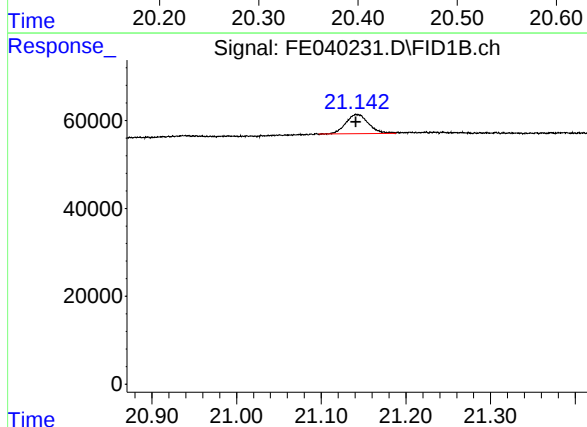
R.T.: 19.667 min
Delta R.T.: 0.000 min
Response: 76587
Conc: 0.56 ug/ml



#20 n-Hexatriacontane (C36)

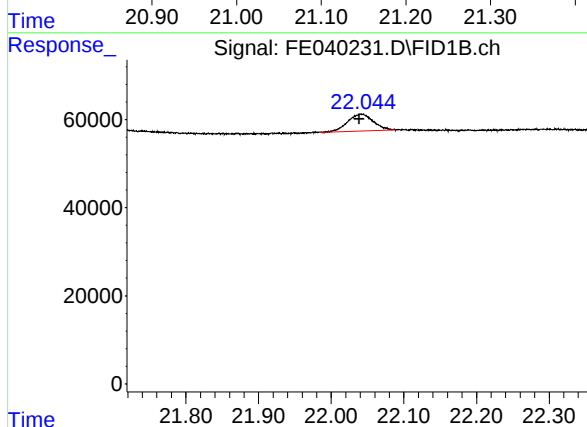
R.T.: 20.412 min
Delta R.T.: 0.003 min
Response: 75139
Conc: 0.57 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: 0.001 min
Response: 80906
Conc: 0.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: 0.003 min
Response: 94206
Conc: 0.71 ug/ml