

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072123AL\
 Data File : FD046173.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2023 16:14
 Operator : YP/AJ
 Sample : 03660-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 23:22:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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)	11.399	5932410	34.026 ug/ml
Spiked Amount 50.000		Recovery =	68.05%
12) S 1-chlorooctadecane (S...	12.834	4141616	34.420 ug/ml
Spiked Amount 50.000		Recovery =	68.84%
Target Compounds			
6) T n-Tetradecane (C14)	8.122	224877	1.414 ug/ml
8) T n-Octadecane (C18)	11.092	75181	0.466 ug/ml
10) T n-Eicosane (C20)	12.425	553116	3.705 ug/ml
11) T n-Heneicosane (C21)	13.007	114499	0.793 ug/ml
13) T n-Docosane (C22)	13.582	110523	0.791 ug/ml
14) T n-Tetracosane (C24)	14.679	34549	0.251 ug/ml
15) T n-Hexacosane (C26)	15.693	98534	0.771 ug/ml
16) T n-Octacosane (C28)	16.644	192576	1.582 ug/ml
17) T n-Tricontane (C30)	17.501	274206	2.216 ug/ml
18) T n-Dotriacontane (C32)	18.333	365969	2.997 ug/ml
19) T n-Tetratriacontane (C34)	19.129	141141	1.103 ug/ml
20) T n-Hexatriacontane (C36)	19.860	191406	1.671 ug/ml
21) T n-Octatriacontane (C38)	20.550	174512	1.550 ug/ml
22) T n-Tetracontane (C40)	21.374	541224	5.046 ug/ml

(f)=RT Delta > 1/2 Window

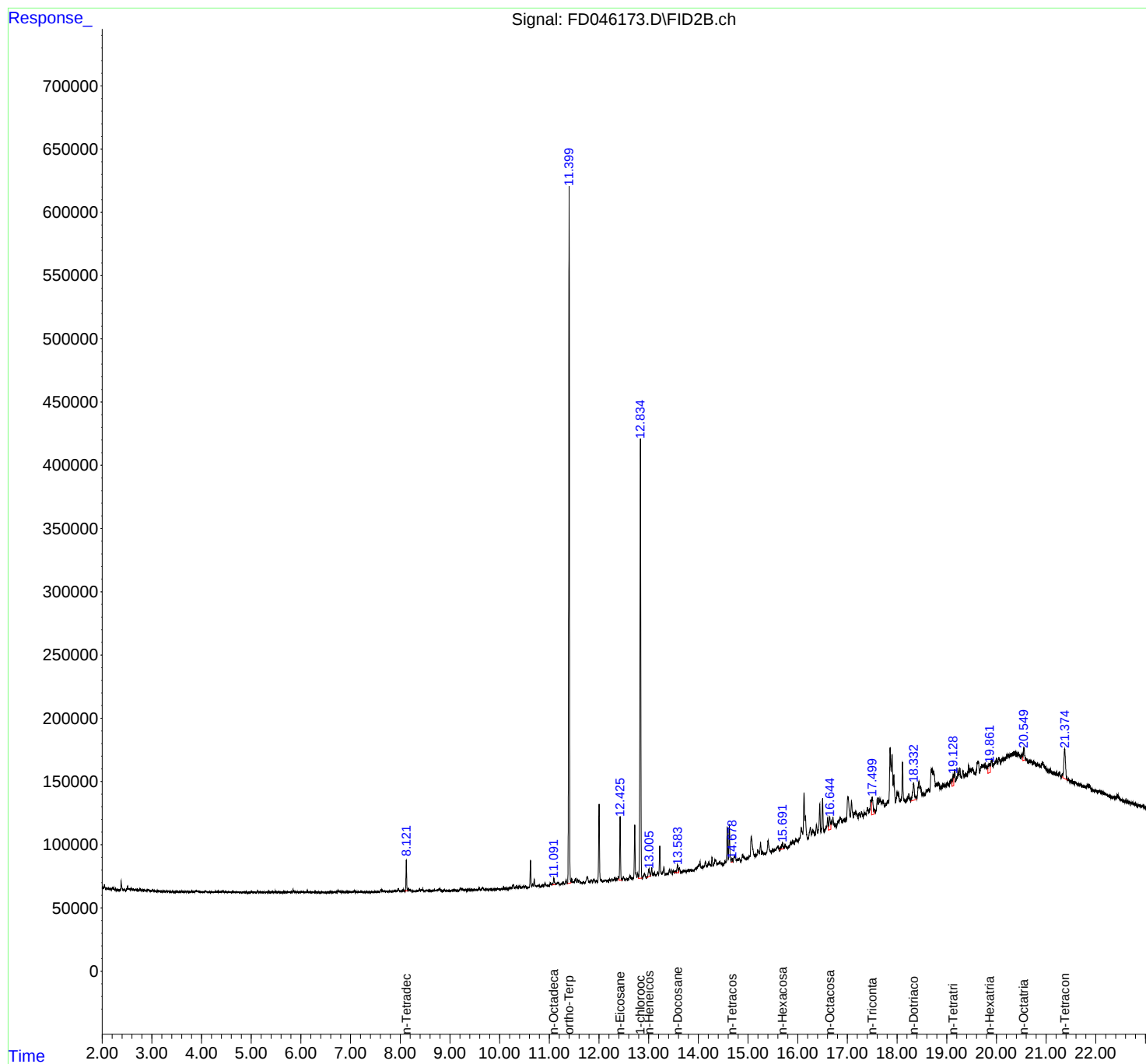
(m)=manual int.

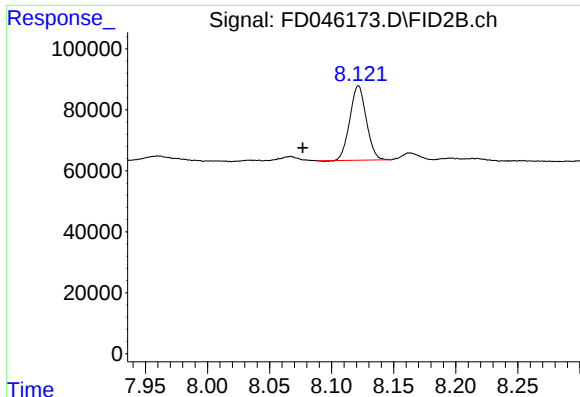
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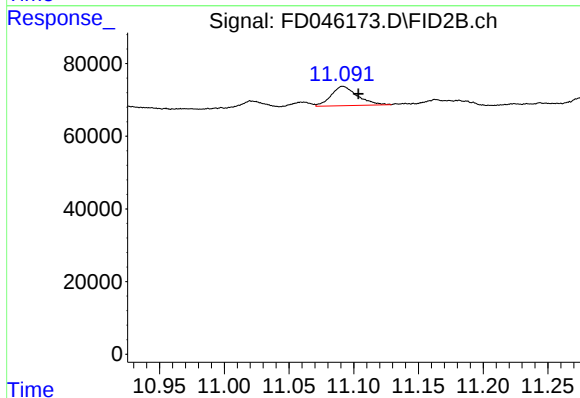




#6 n-Tetradecane (C14)

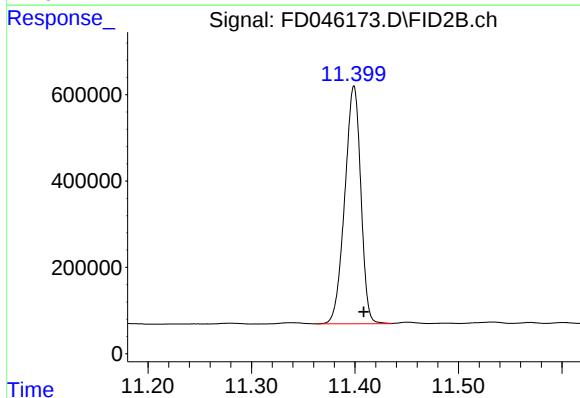
R.T.: 8.122 min
Delta R.T.: 0.045 min
Response: 224877
Conc: 1.41 ug/ml

Instrument :
FID_D
ClientSampleId :



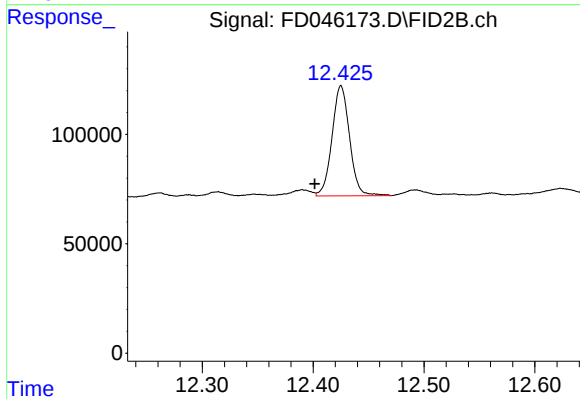
#8 n-Octadecane (C18)

R.T.: 11.092 min
Delta R.T.: -0.012 min
Response: 75181
Conc: 0.47 ug/ml



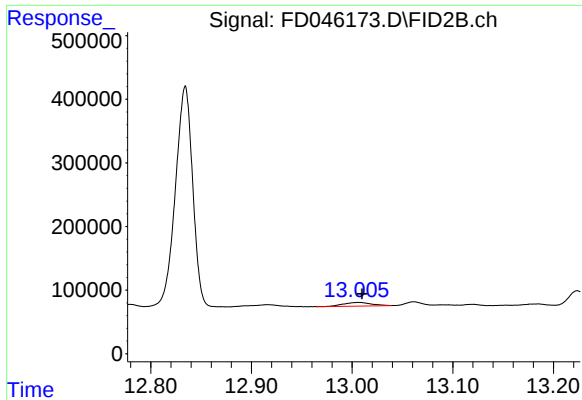
#9 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: -0.010 min
Response: 5932410
Conc: 34.03 ug/ml



#10 n-Eicosane (C20)

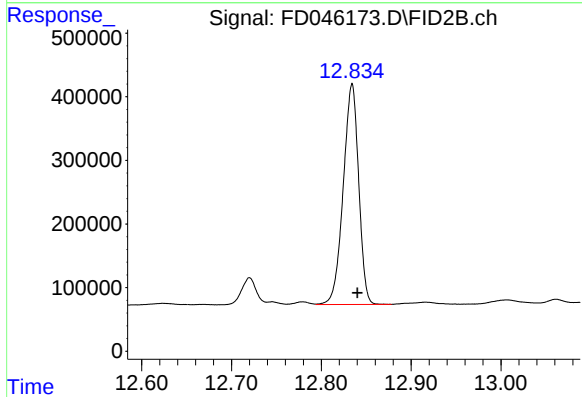
R.T.: 12.425 min
Delta R.T.: 0.024 min
Response: 553116
Conc: 3.71 ug/ml



#11 n-Heneicosane (C21)

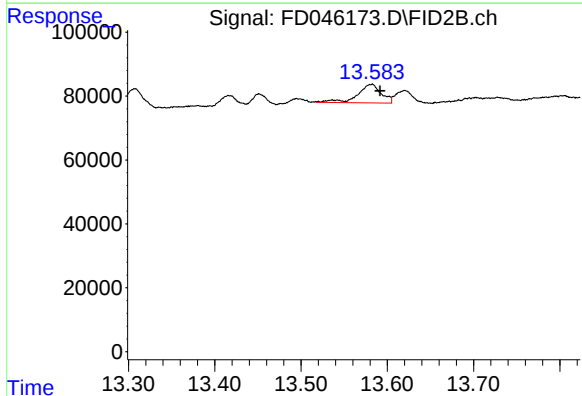
R.T.: 13.007 min
Delta R.T.: -0.003 min
Response: 114499
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



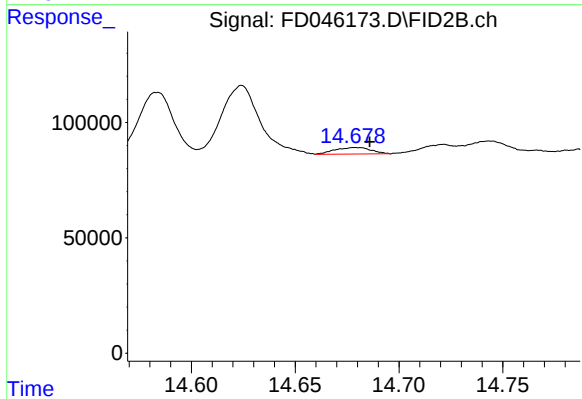
#12 1-chlorooctadecane (SURR)

R.T.: 12.834 min
Delta R.T.: -0.006 min
Response: 4141616
Conc: 34.42 ug/ml



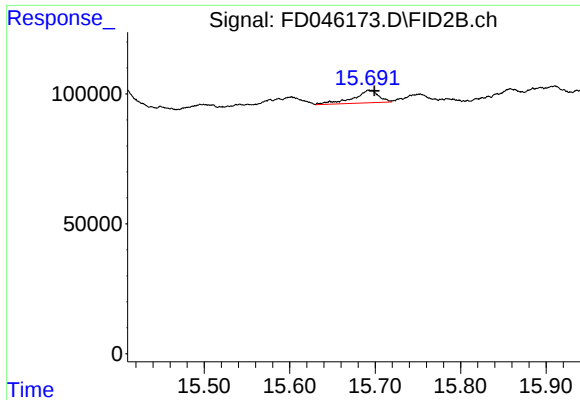
#13 n-Docosane (C22)

R.T.: 13.582 min
Delta R.T.: -0.009 min
Response: 110523
Conc: 0.79 ug/ml



#14 n-Tetracosane (C24)

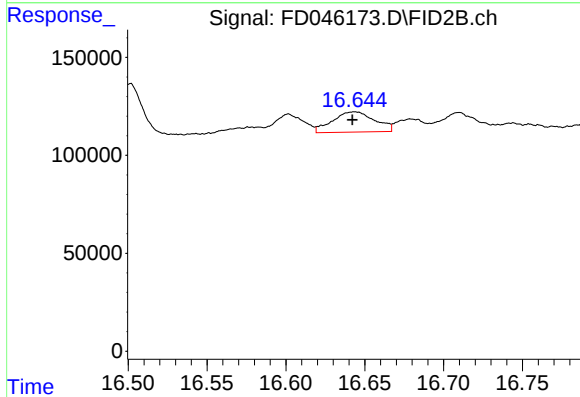
R.T.: 14.679 min
Delta R.T.: -0.007 min
Response: 34549
Conc: 0.25 ug/ml



#15 n-Hexacosane (C26)

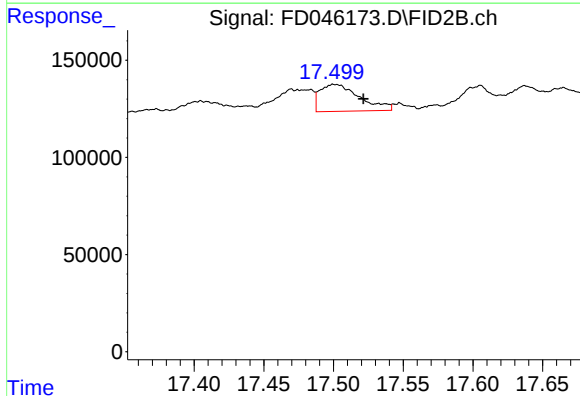
R.T.: 15.693 min
Delta R.T.: -0.006 min
Response: 98534
Conc: 0.77 ug/ml

Instrument :
FID_D
ClientSampleId :



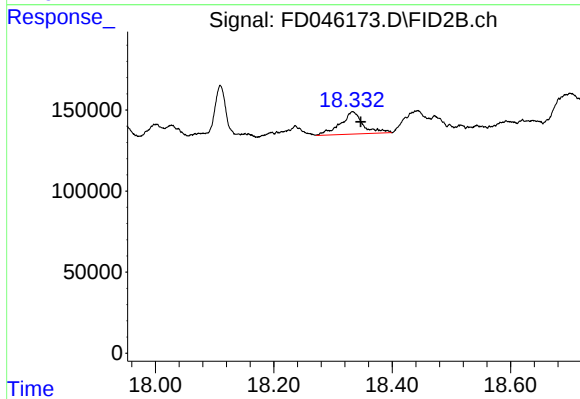
#16 n-Octacosane (C28)

R.T.: 16.644 min
Delta R.T.: 0.002 min
Response: 192576
Conc: 1.58 ug/ml



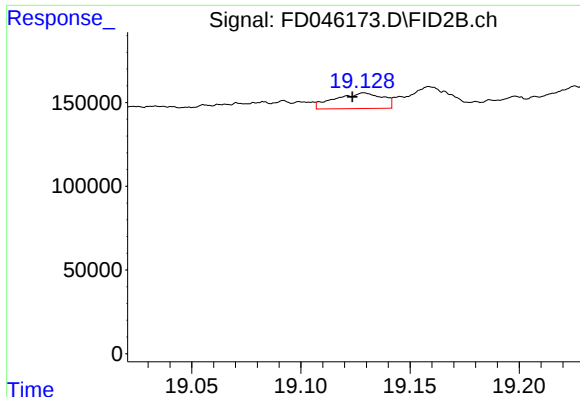
#17 n-Tricontane (C30)

R.T.: 17.501 min
Delta R.T.: -0.021 min
Response: 274206
Conc: 2.22 ug/ml



#18 n-Dotriacontane (C32)

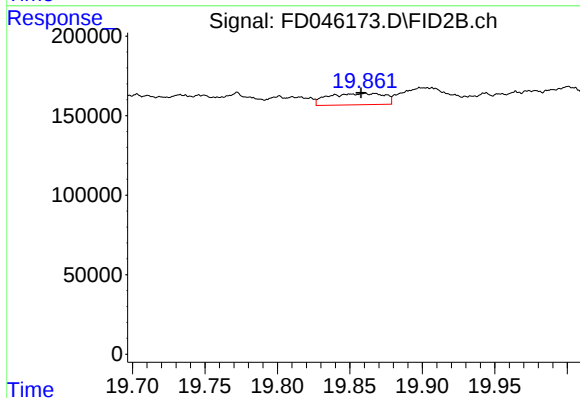
R.T.: 18.333 min
Delta R.T.: -0.014 min
Response: 365969
Conc: 3.00 ug/ml



#19 n-Tetratriacontane (C34)

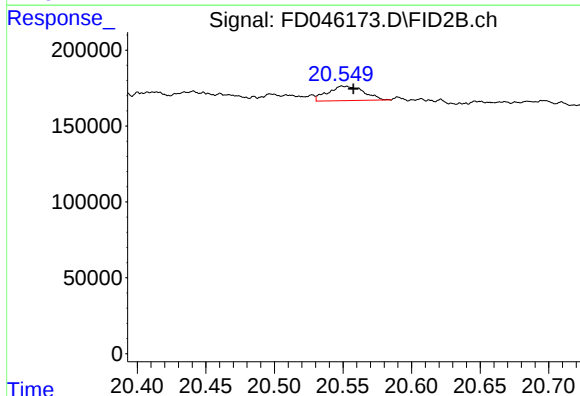
R.T.: 19.129 min
Delta R.T.: 0.006 min
Response: 141141
Conc: 1.10 ug/ml

Instrument :
FID_D
ClientSampleId :



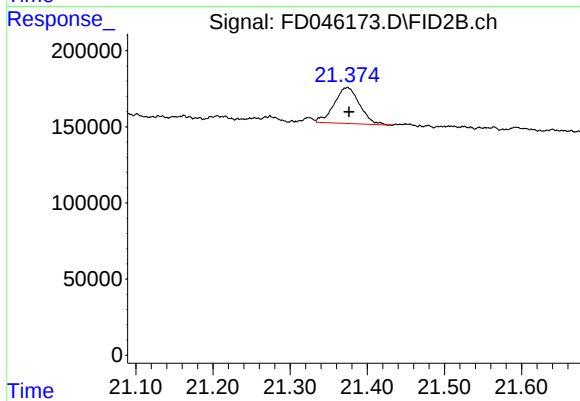
#20 n-Hexatriacontane (C36)

R.T.: 19.860 min
Delta R.T.: 0.002 min
Response: 191406
Conc: 1.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.550 min
Delta R.T.: -0.008 min
Response: 174512
Conc: 1.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.374 min
Delta R.T.: -0.002 min
Response: 541224
Conc: 5.05 ug/ml