

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082724AL\
 Data File : FC067021.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2024 18:20
 Operator : YP/AJ
 Sample : P3741-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 28 02:28:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 2024
 Response via : Initial Calibration
 Integrator: ChemStation

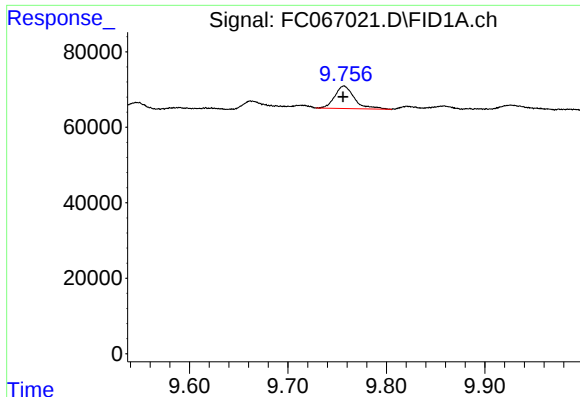
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.513	7118838	46.762 ug/ml
Spiked Amount 50.000		Recovery =	93.52%
12) S 1-chlorooctadecane (S...	12.951	5380519	49.663 ug/ml
Spiked Amount 50.000		Recovery =	99.33%
Target Compounds			
7) T n-Hexadecane (C16)	9.757	82423	0.562 ug/ml
8) T n-Octadecane (C18)	11.198	125032	0.858 ug/ml
10) T n-Eicosane (C20)	12.504	169201	1.236 ug/ml
11) T n-Heneicosane (C21)	13.119	264300	1.983 ug/ml
13) T n-Docosane (C22)	13.713	342123	2.596 ug/ml
14) T n-Tetracosane (C24)	14.767	789931	6.095 ug/ml
15) T n-Hexacosane (C26)	15.823	82553	0.651 ug/ml
16) T n-Octacosane (C28)	16.761	180405	1.452 ug/ml
17) T n-Tricontane (C30)	17.659	172024	1.369 ug/ml
18) T n-Dotriacontane (C32)	18.491	116922	0.947 ug/ml
19) T n-Tetratriacontane (C34)	19.275	130245	1.086 ug/ml
20) T n-Hexatriacontane (C36)	20.014	160892	1.425 ug/ml
21) T n-Octatriacontane (C38)	20.741	318307	2.922 ug/ml
22) T n-Tetracontane (C40)	21.633	449748	4.403 ug/ml

(f)=RT Delta > 1/2 Window

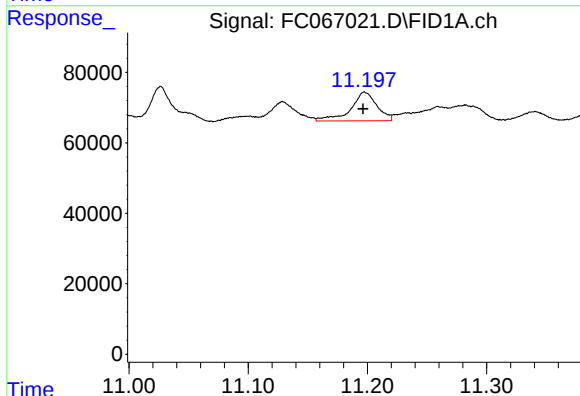
(m)=manual int.



#7 n-Hexadecane (C16)

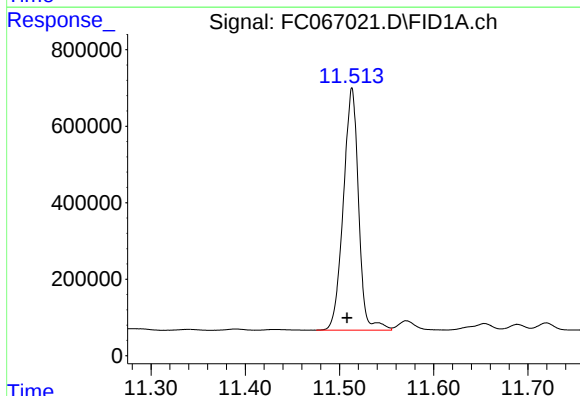
R.T.: 9.757 min
Delta R.T.: 0.001 min
Response: 82423
Conc: 0.56 ug/ml

Instrument :
FID_C
ClientSampleId :



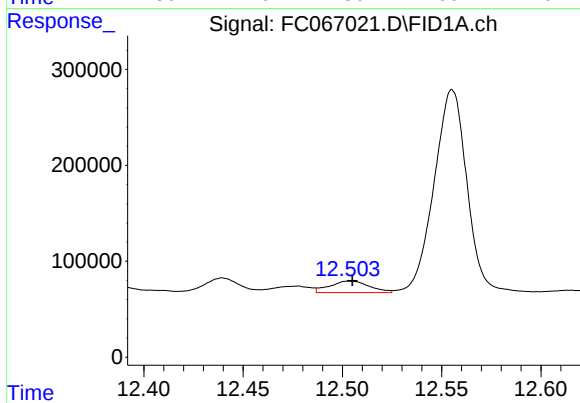
#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: 0.002 min
Response: 125032
Conc: 0.86 ug/ml



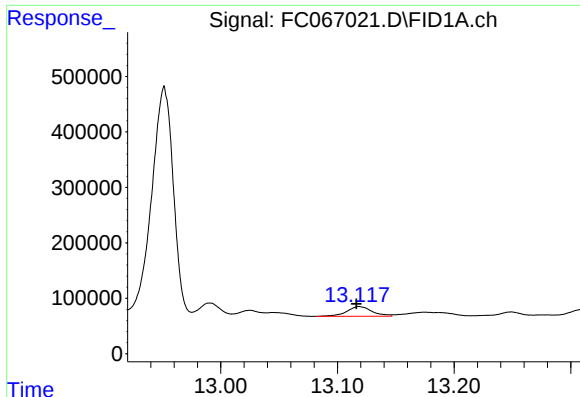
#9 ortho-Terphenyl (SURR)

R.T.: 11.513 min
Delta R.T.: 0.005 min
Response: 7118838
Conc: 46.76 ug/ml



#10 n-Eicosane (C20)

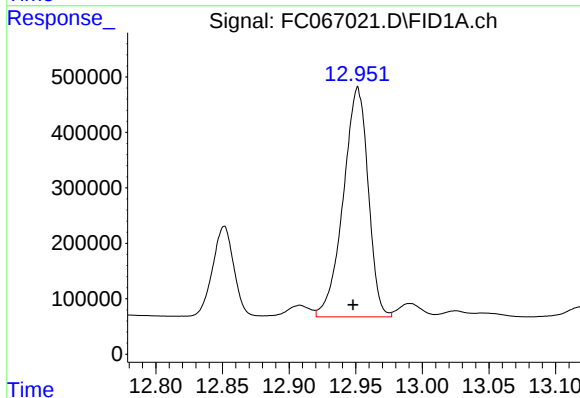
R.T.: 12.504 min
Delta R.T.: -0.001 min
Response: 169201
Conc: 1.24 ug/ml



#11 n-Heneicosane (C21)

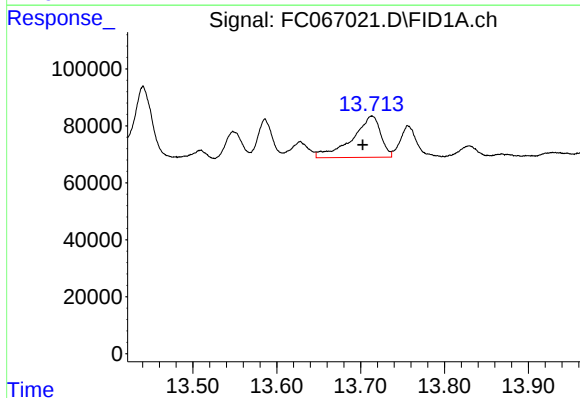
R.T.: 13.119 min
Delta R.T.: 0.003 min
Response: 264300
Conc: 1.98 ug/ml

Instrument :
FID_C
ClientSampleId :



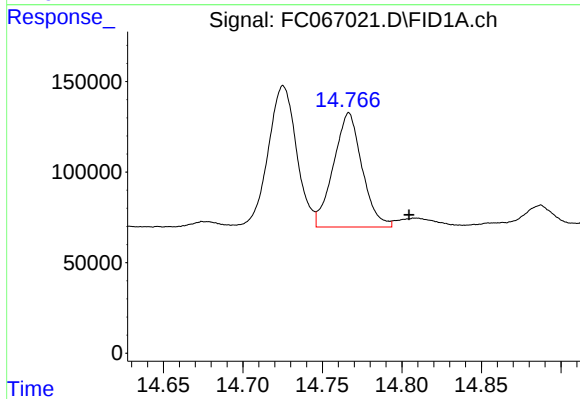
#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: 0.003 min
Response: 5380519
Conc: 49.66 ug/ml



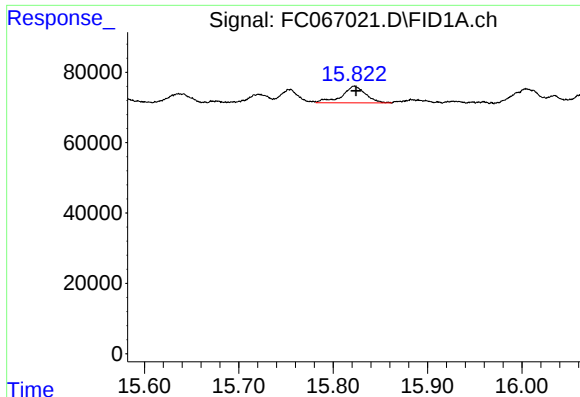
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.011 min
Response: 342123
Conc: 2.60 ug/ml



#14 n-Tetracosane (C24)

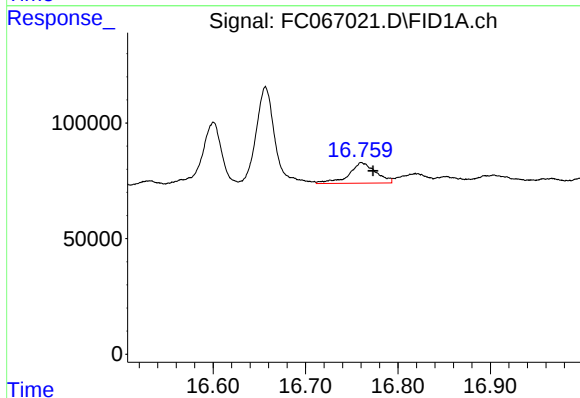
R.T.: 14.767 min
Delta R.T.: -0.038 min
Response: 789931
Conc: 6.09 ug/ml



#15 n-Hexacosane (C26)

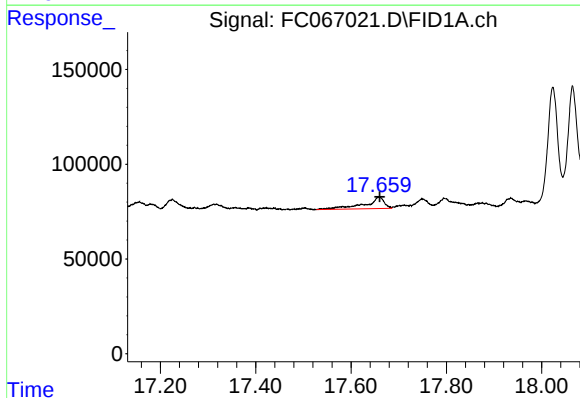
R.T.: 15.823 min
Delta R.T.: -0.002 min
Response: 82553
Conc: 0.65 ug/ml

Instrument :
FID_C
ClientSampleId :



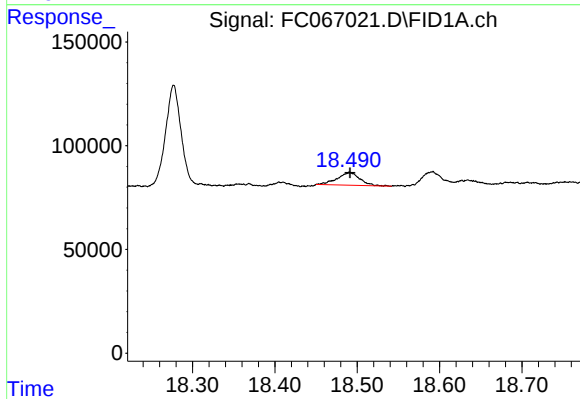
#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: -0.012 min
Response: 180405
Conc: 1.45 ug/ml



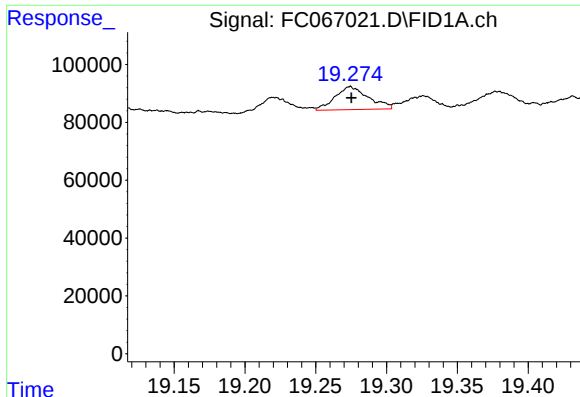
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.001 min
Response: 172024
Conc: 1.37 ug/ml



#18 n-Dotriacontane (C32)

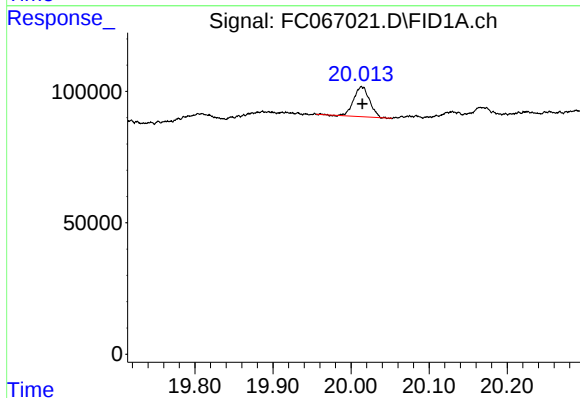
R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 116922
Conc: 0.95 ug/ml



#19 n-Tetratriacontane (C34)

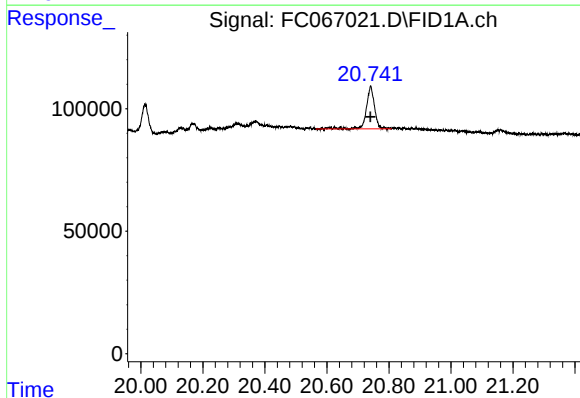
R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 130245
Conc: 1.09 ug/ml

Instrument :
FID_C
ClientSampleId :



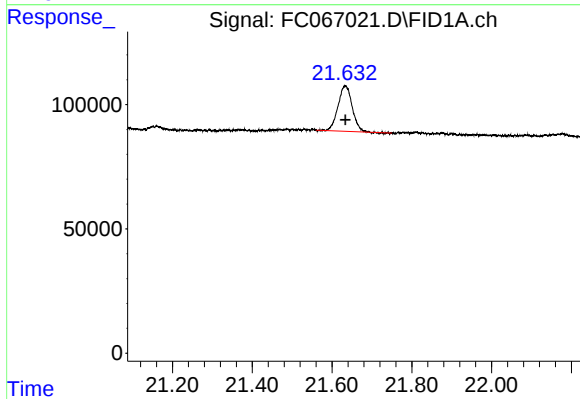
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: 0.000 min
Response: 160892
Conc: 1.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.000 min
Response: 318307
Conc: 2.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: 0.000 min
Response: 449748
Conc: 4.40 ug/ml