

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051124AL\
 Data File : FE048148.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2024 10:08
 Operator : YP\AJ
 Sample : P2403-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 02:15:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.954	861073	5.969 ug/ml
Spiked Amount 50.000		Recovery =	11.94%
12) S 1-chlorooctadecane (S...	13.392	5021322	44.937 ug/ml
Spiked Amount 50.000		Recovery =	89.87%
Target Compounds			
1) T n-Nonane (C9)	3.346	267044	2.072 ug/ml
2) T n-Decane (C10)	4.594	331105	2.515 ug/ml
4) T n-Dodecane (C12)	6.758	502160	3.767 ug/ml
6) T n-Tetradecane (C14)	8.585	392019	2.958 ug/ml
7) T n-Hexadecane (C16)	10.192	391850	2.849 ug/ml
8) T n-Octadecane (C18)	11.634	435190	3.124 ug/ml
10) T n-Eicosane (C20)	12.944	473529	3.517 ug/ml
11) T n-Heneicosane (C21)	13.555	432482	3.267 ug/ml
13) T n-Docosane (C22)	14.141	472119	3.563 ug/ml
14) T n-Tetracosane (C24)	15.242	558540	4.195 ug/ml
15) T n-Hexacosane (C26)	16.262	533847	4.001 ug/ml
16) T n-Octacosane (C28)	17.211	619618	4.654 ug/ml
17) T n-Tricontane (C30)	18.097	675548	4.895 ug/ml
18) T n-Dotriacontane (C32)	18.928	733428	5.310 ug/ml
19) T n-Tetratriacontane (C34)	19.713	645129	4.736 ug/ml
20) T n-Hexatriacontane (C36)	20.450	560623	4.141 ug/ml
21) T n-Octatriacontane (C38)	21.189	585356	4.240 ug/ml
22) T n-Tetracontane (C40)	22.108	627045	4.501 ug/ml

(f)=RT Delta > 1/2 Window

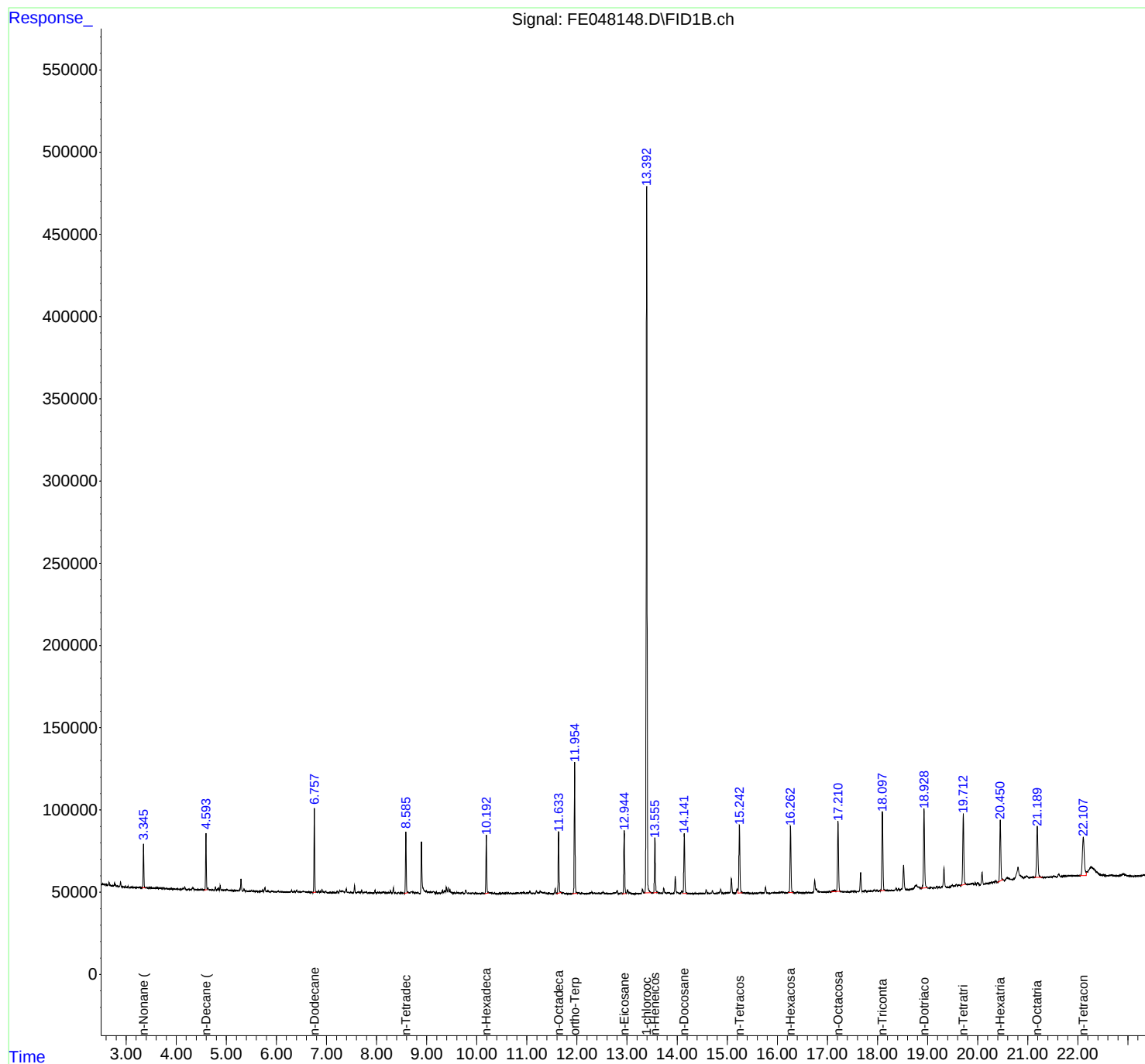
(m)=manual int.

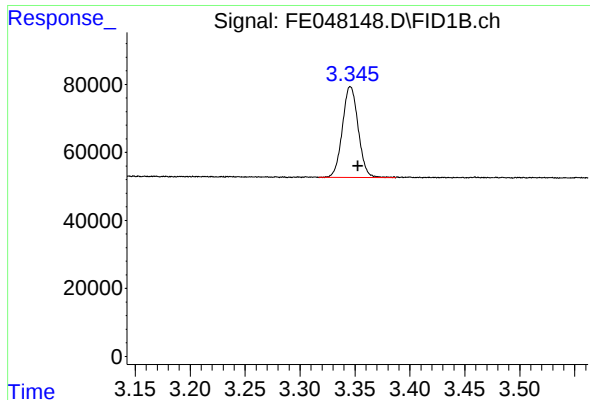
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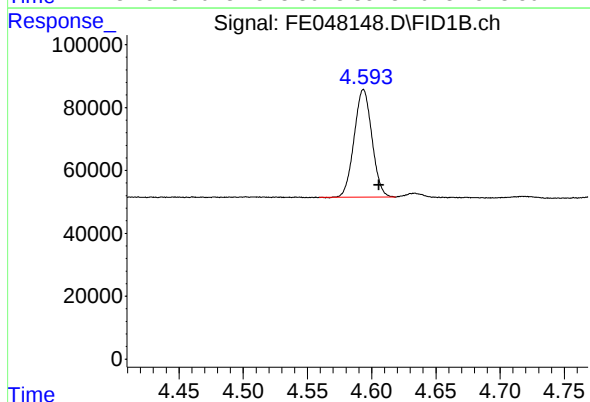




#1 n-Nonane (C9)

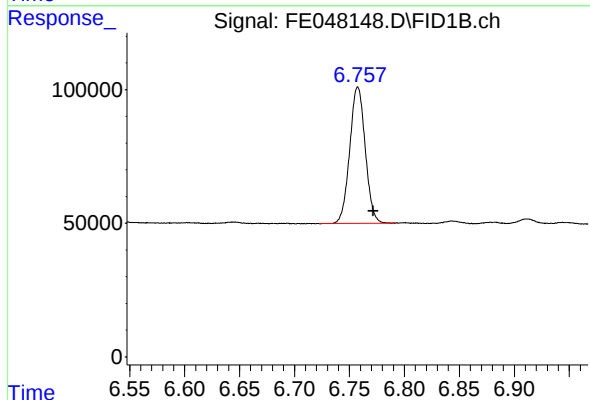
R.T.: 3.346 min
Delta R.T.: -0.007 min
Response: 267044
Conc: 2.07 ug/ml

Instrument :
FID_E
ClientSampleId :



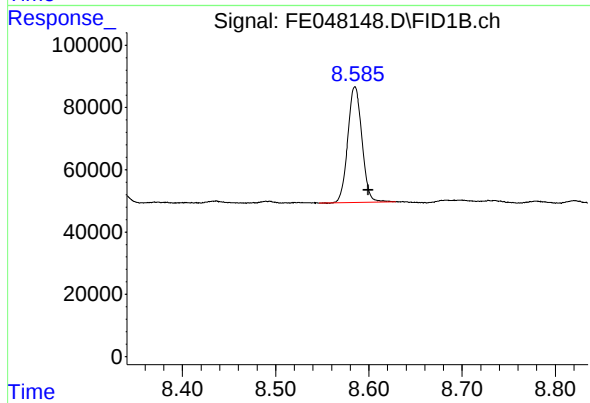
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.012 min
Response: 331105
Conc: 2.51 ug/ml



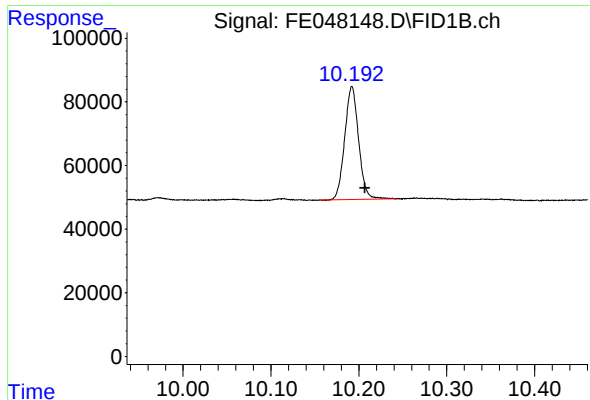
#4 n-Dodecane (C12)

R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 502160
Conc: 3.77 ug/ml



#6 n-Tetradecane (C14)

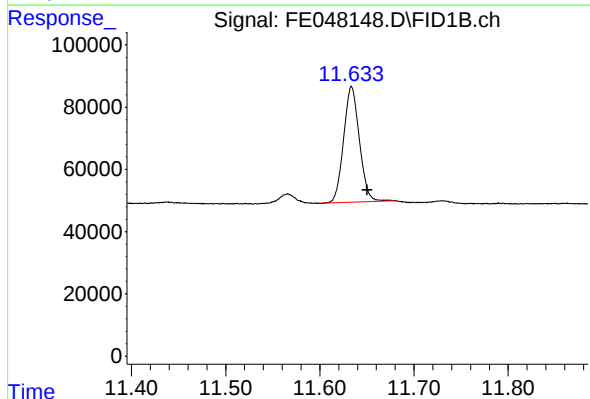
R.T.: 8.585 min
Delta R.T.: -0.014 min
Response: 392019
Conc: 2.96 ug/ml



#7 n-Hexadecane (C16)

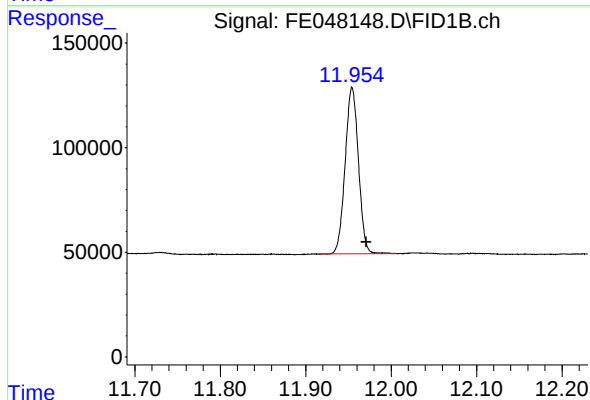
R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 391850
Conc: 2.85 ug/ml

Instrument :
FID_E
ClientSampleId :



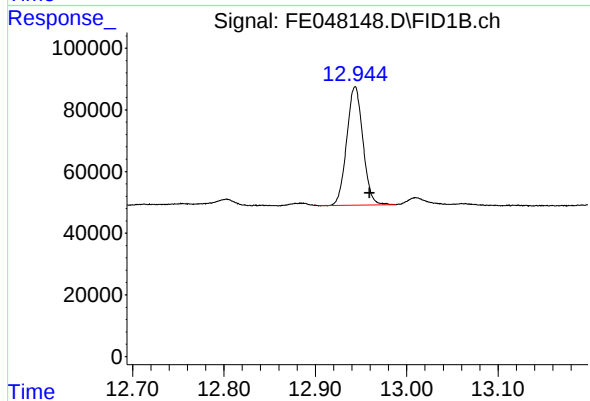
#8 n-Octadecane (C18)

R.T.: 11.634 min
Delta R.T.: -0.017 min
Response: 435190
Conc: 3.12 ug/ml



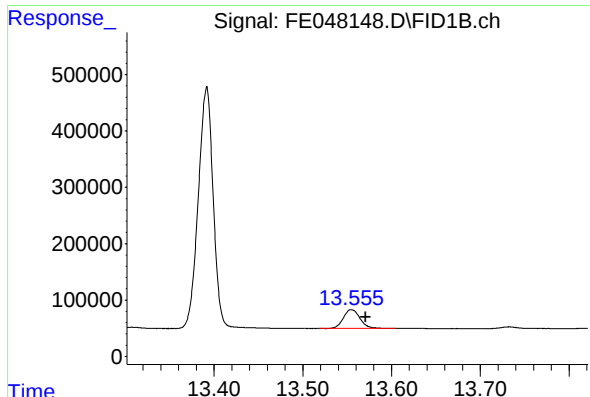
#9 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: -0.017 min
Response: 861073
Conc: 5.97 ug/ml



#10 n-Eicosane (C20)

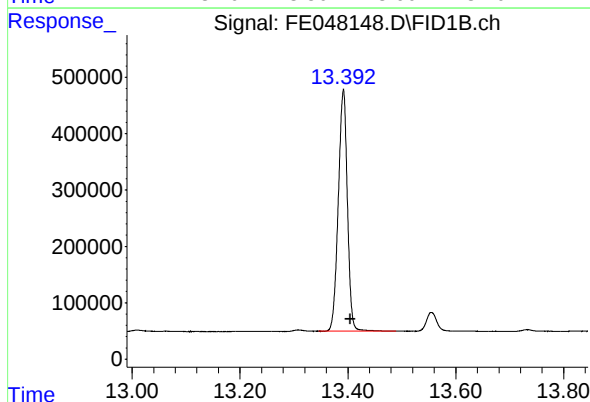
R.T.: 12.944 min
Delta R.T.: -0.016 min
Response: 473529
Conc: 3.52 ug/ml



#11 n-Heneicosane (C21)

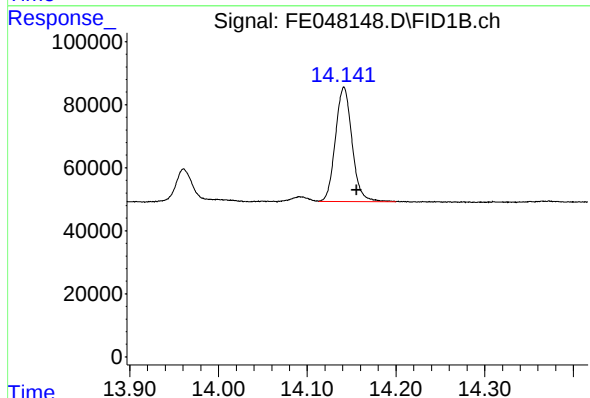
R.T.: 13.555 min
Delta R.T.: -0.016 min
Response: 432482
Conc: 3.27 ug/ml

Instrument :
FID_E
ClientSampleId :



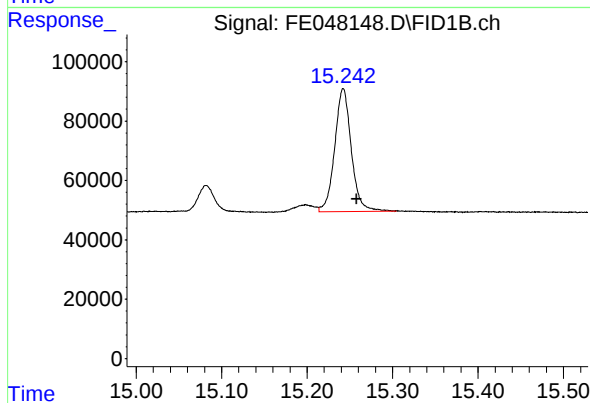
#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 5021322
Conc: 44.94 ug/ml



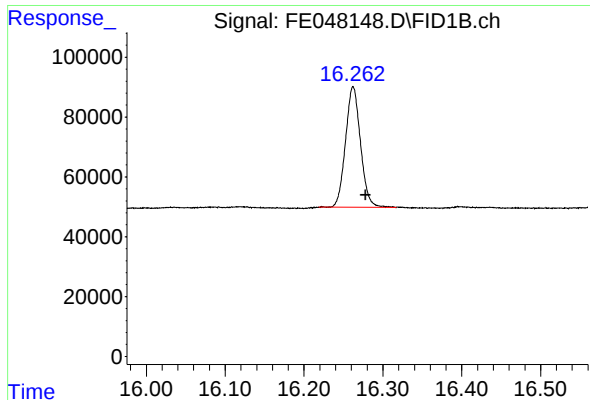
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: -0.014 min
Response: 472119
Conc: 3.56 ug/ml



#14 n-Tetracosane (C24)

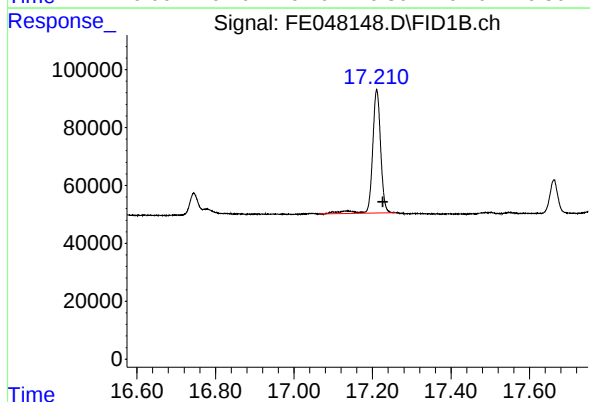
R.T.: 15.242 min
Delta R.T.: -0.016 min
Response: 558540
Conc: 4.19 ug/ml



#15 n-Hexacosane (C26)

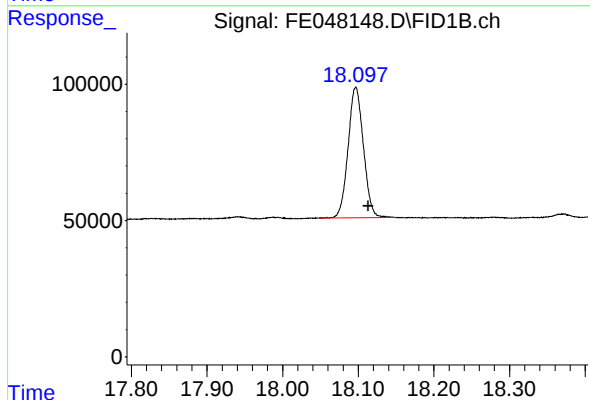
R.T.: 16.262 min
Delta R.T.: -0.016 min
Response: 533847
Conc: 4.00 ug/ml

Instrument :
FID_E
ClientSampleId :



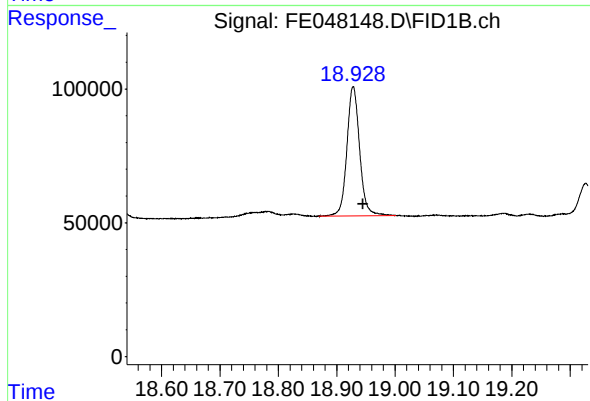
#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: -0.016 min
Response: 619618
Conc: 4.65 ug/ml



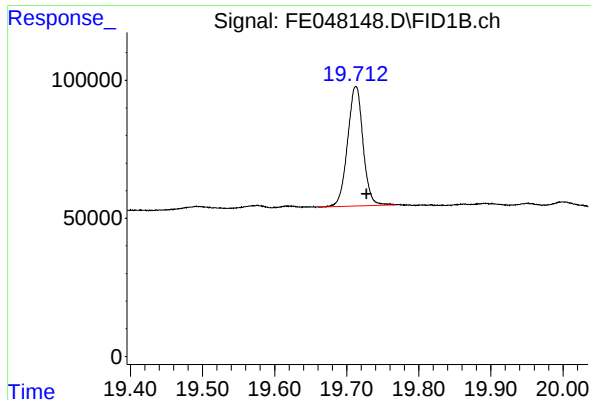
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.017 min
Response: 675548
Conc: 4.89 ug/ml



#18 n-Dotriacontane (C32)

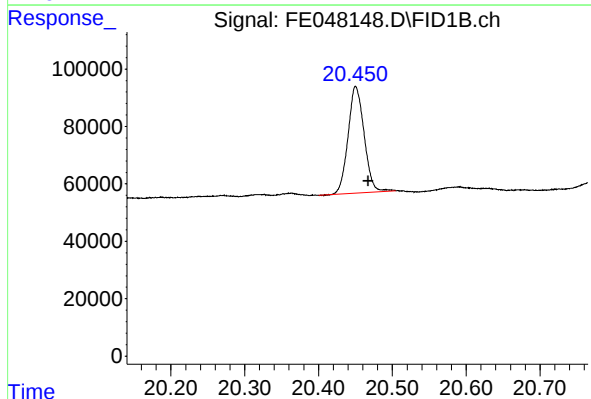
R.T.: 18.928 min
Delta R.T.: -0.017 min
Response: 733428
Conc: 5.31 ug/ml



#19 n-Tetratriacontane (C34)

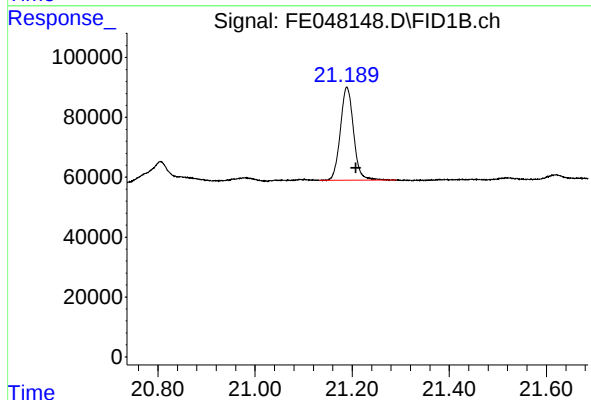
R.T.: 19.713 min
Delta R.T.: -0.015 min
Response: 645129
Conc: 4.74 ug/ml

Instrument :
FID_E
ClientSampleId :



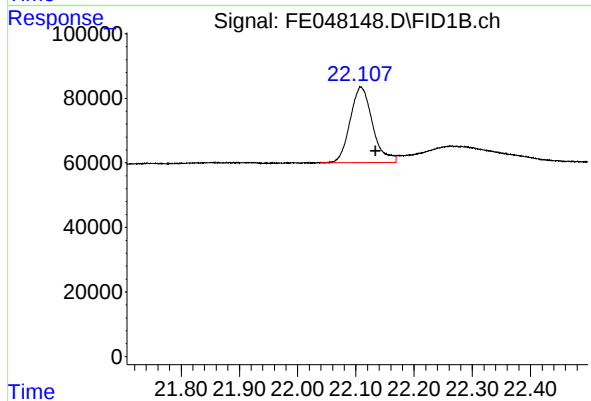
#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.017 min
Response: 560623
Conc: 4.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.018 min
Response: 585356
Conc: 4.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.026 min
Response: 627045
Conc: 4.50 ug/ml