

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070324AL\
 Data File : FE048974.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jul 2024 14:42
 Operator : YP\AJ
 Sample : P3148-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 04 01:16:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.932	3812784	22.802 ug/ml
Spiked Amount 50.000		Recovery =	45.60%
12) S 1-chlorooctadecane (S...	13.367	6348324	49.369 ug/ml
Spiked Amount 50.000		Recovery =	98.74%
Target Compounds			
4) T n-Dodecane (C12)	6.732	59939	0.388 ug/ml
5) T A~2-methylnaphthalene...	7.373	97420	0.643 ug/ml
6) T n-Tetradecane (C14)	8.560	275295	1.796 ug/ml
7) T n-Hexadecane (C16)	10.168	489177	3.129 ug/ml
8) T n-Octadecane (C18)	11.610	423684	2.657 ug/ml
10) T n-Eicosane (C20)	12.919	496080	3.200 ug/ml
11) T n-Heneicosane (C21)	13.533	241343	1.585 ug/ml
13) T n-Docosane (C22)	14.118	342060	2.262 ug/ml
14) T n-Tetracosane (C24)	15.208	893728	5.947 ug/ml
15) T n-Hexacosane (C26)	16.243	301508	2.042 ug/ml
16) T n-Octacosane (C28)	17.193	418582	2.902 ug/ml
17) T n-Tricontane (C30)	18.084	870581	5.951 ug/ml
18) T n-Dotriacontane (C32)	18.914	634767	4.440 ug/ml
19) T n-Tetratriacontane (C34)	19.701	711774	5.144 ug/ml
20) T n-Hexatriacontane (C36)	20.447	429557	3.305 ug/ml
21) T n-Octatriacontane (C38)	21.149	68170	0.532 ug/ml
22) T n-Tetracontane (C40)	22.051	27945	0.228 ug/ml

(f)=RT Delta > 1/2 Window

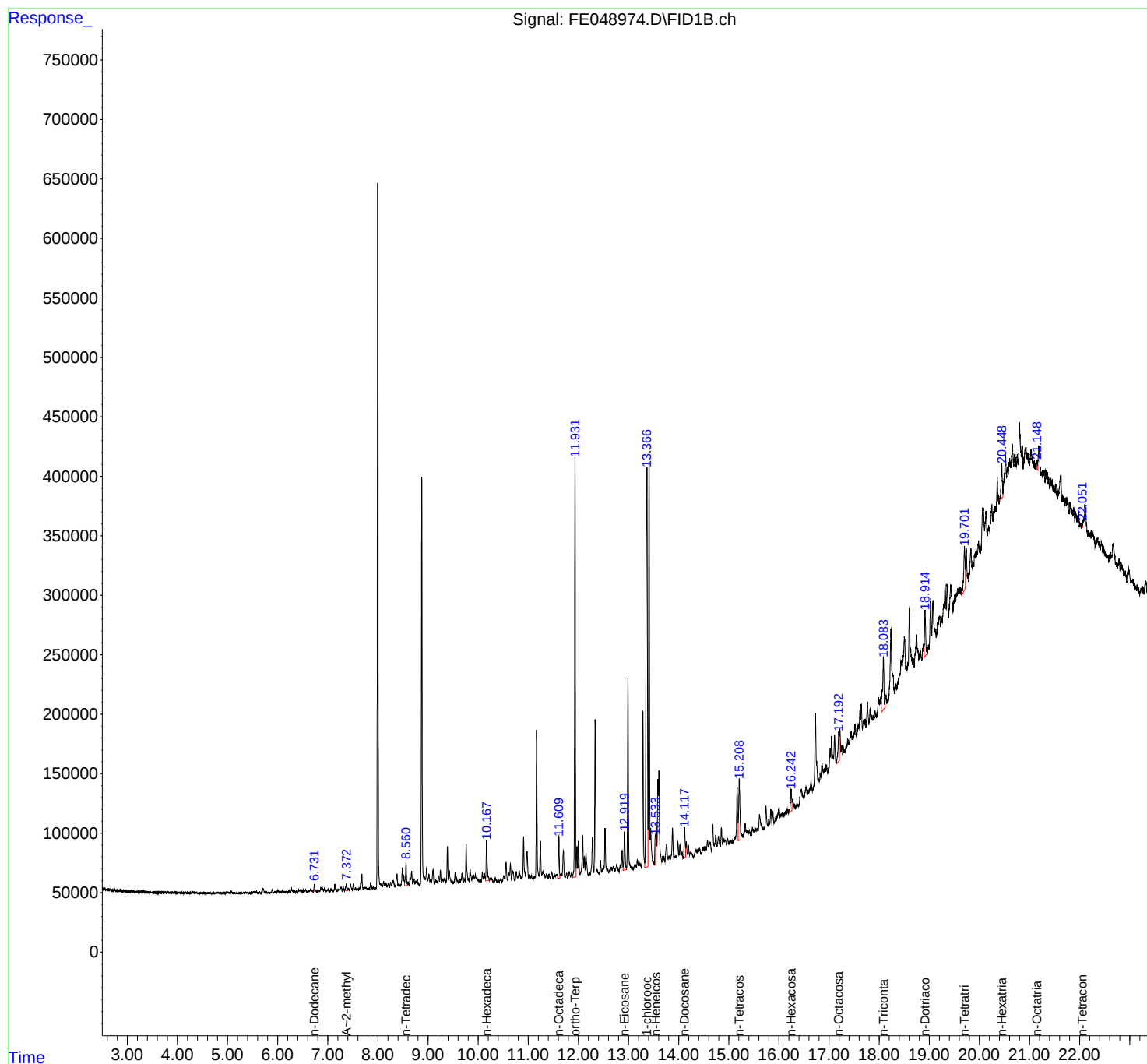
(m)=manual int.

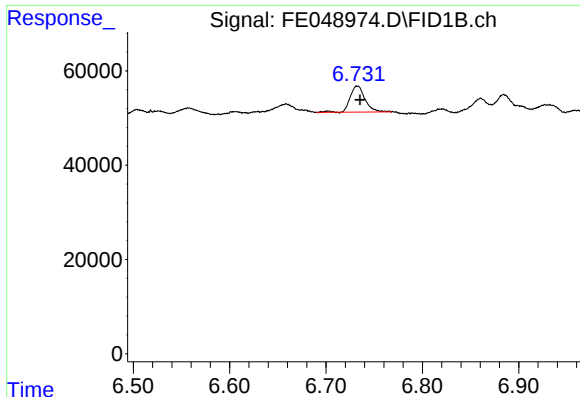
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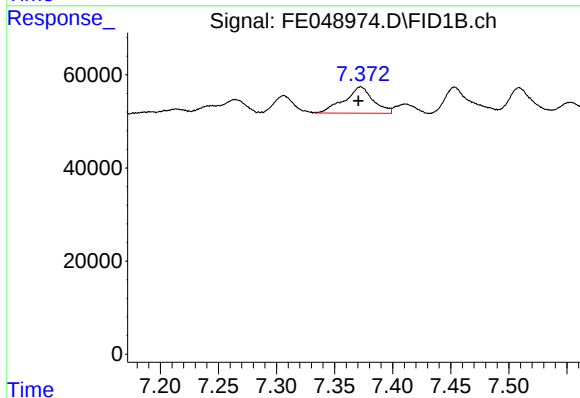




#4 n-Dodecane (C12)

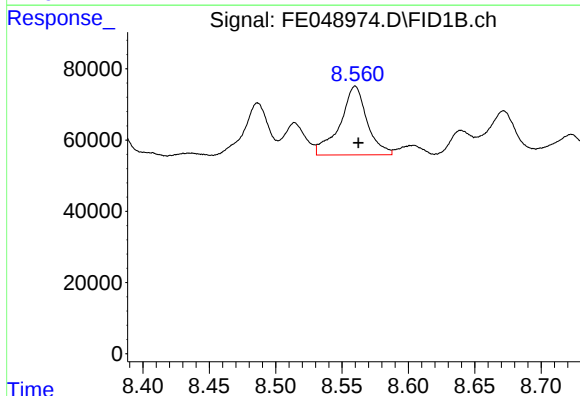
R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 59939
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :



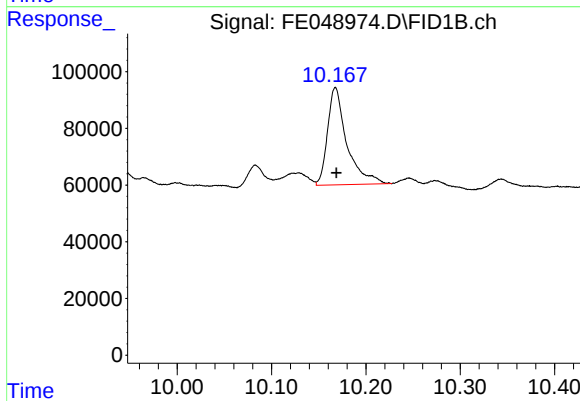
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.002 min
Response: 97420
Conc: 0.64 ug/ml



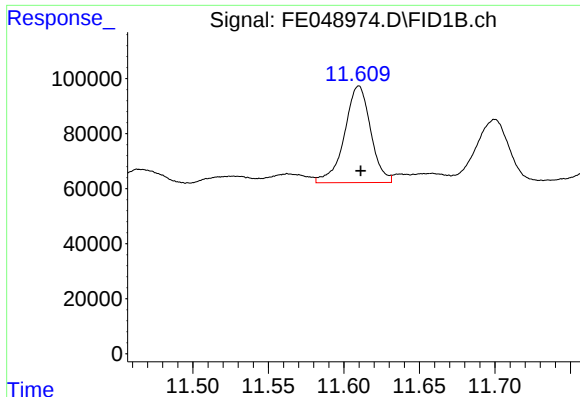
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 275295
Conc: 1.80 ug/ml



#7 n-Hexadecane (C16)

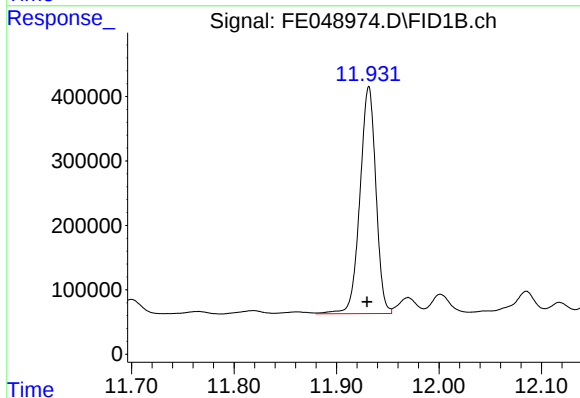
R.T.: 10.168 min
Delta R.T.: -0.001 min
Response: 489177
Conc: 3.13 ug/ml



#8 n-Octadecane (C18)

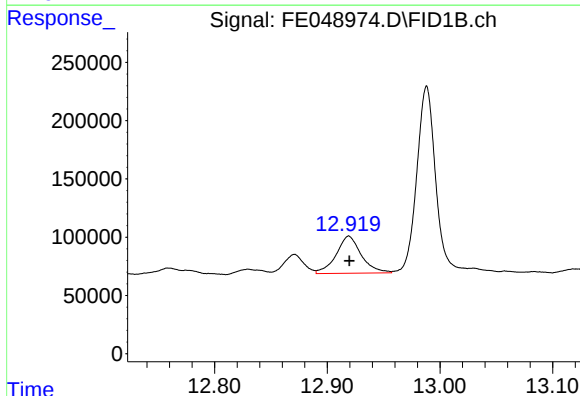
R.T.: 11.610 min
Delta R.T.: -0.001 min
Response: 423684
Conc: 2.66 ug/ml

Instrument :
FID_E
ClientSampleId :



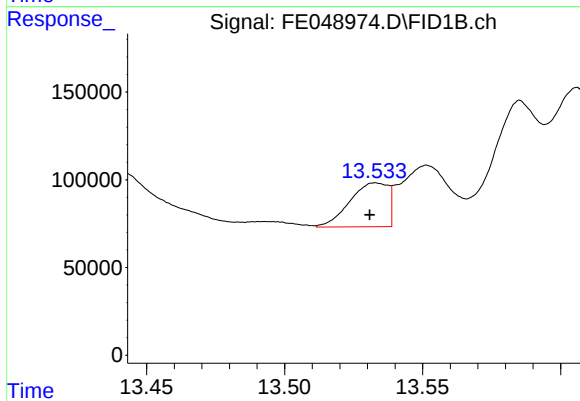
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: 0.002 min
Response: 3812784
Conc: 22.80 ug/ml



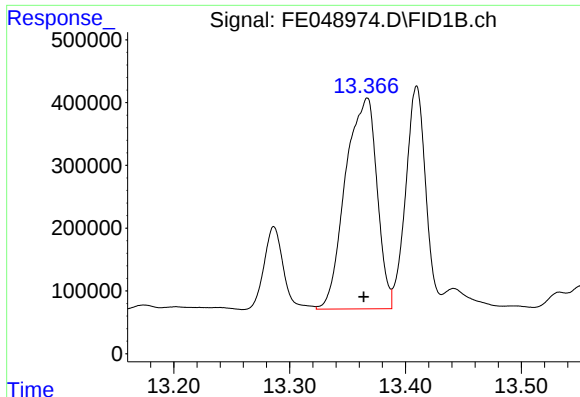
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.000 min
Response: 496080
Conc: 3.20 ug/ml



#11 n-Heneicosane (C21)

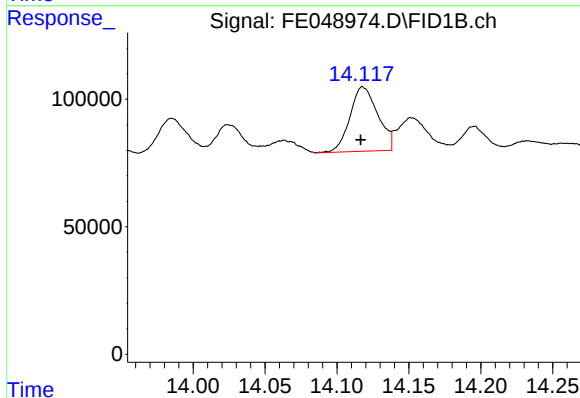
R.T.: 13.533 min
Delta R.T.: 0.002 min
Response: 241343
Conc: 1.59 ug/ml



#12 1-chlorooctadecane (SURR)

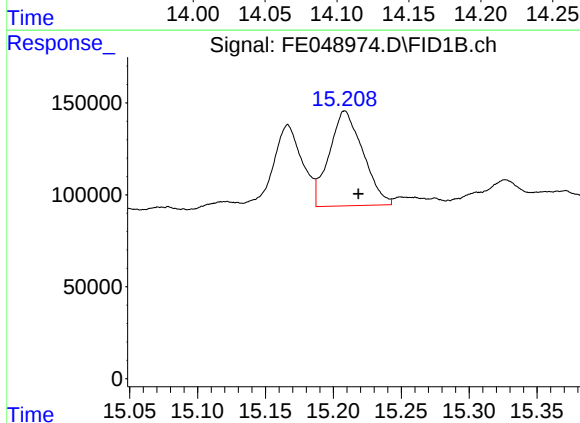
R.T.: 13.367 min
Delta R.T.: 0.003 min
Response: 6348324
Conc: 49.37 ug/ml

Instrument :
FID_E
ClientSampleId :



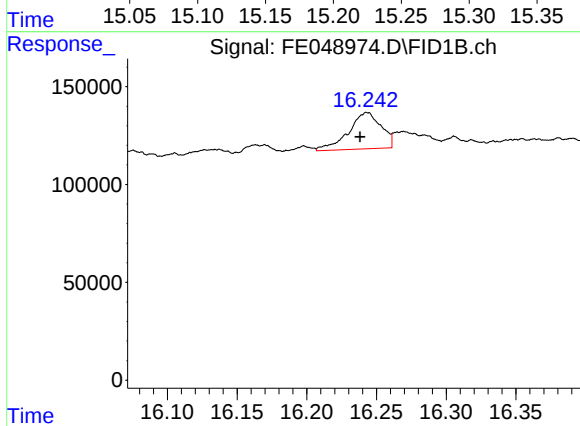
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: 0.001 min
Response: 342060
Conc: 2.26 ug/ml



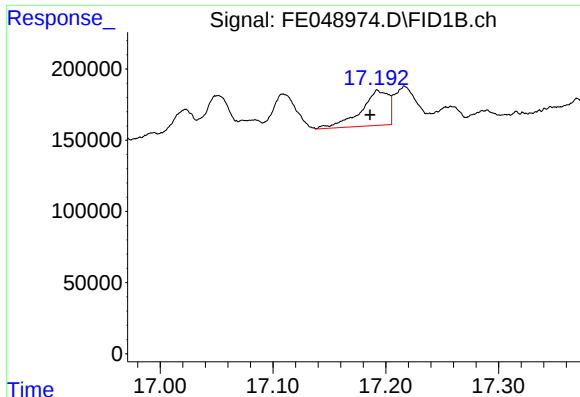
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.010 min
Response: 893728
Conc: 5.95 ug/ml



#15 n-Hexacosane (C26)

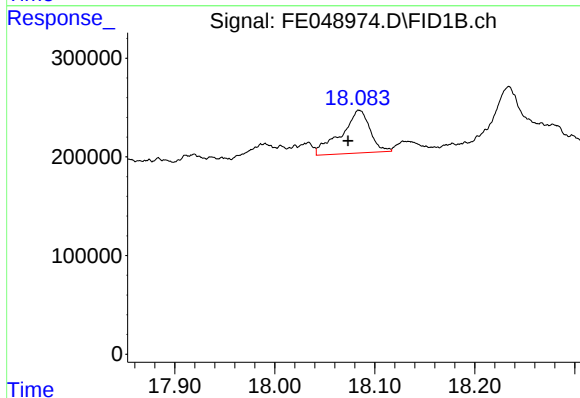
R.T.: 16.243 min
Delta R.T.: 0.005 min
Response: 301508
Conc: 2.04 ug/ml



#16 n-Octacosane (C28)

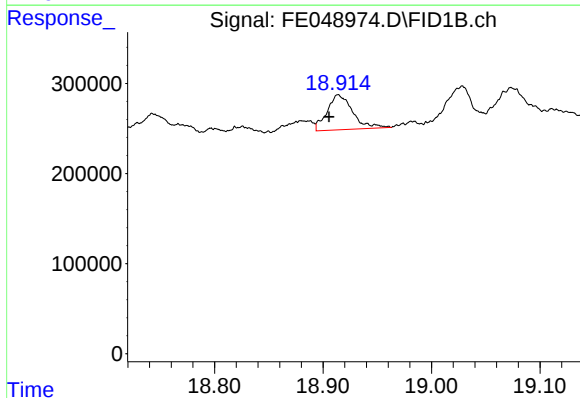
R.T.: 17.193 min
Delta R.T.: 0.007 min
Response: 418582
Conc: 2.90 ug/ml

Instrument :
FID_E
ClientSampleId :



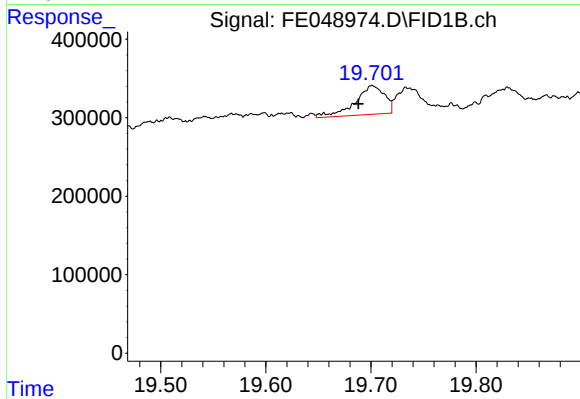
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: 0.011 min
Response: 870581
Conc: 5.95 ug/ml



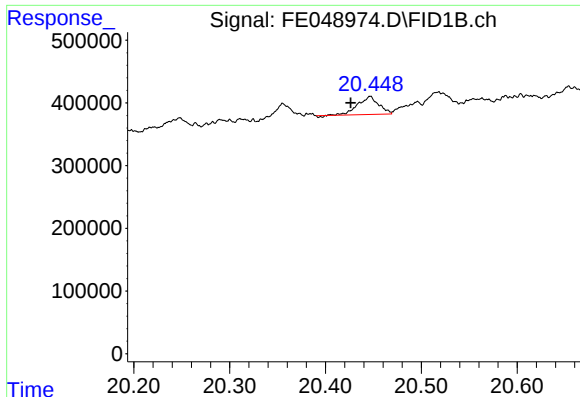
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: 0.008 min
Response: 634767
Conc: 4.44 ug/ml



#19 n-Tetratriacontane (C34)

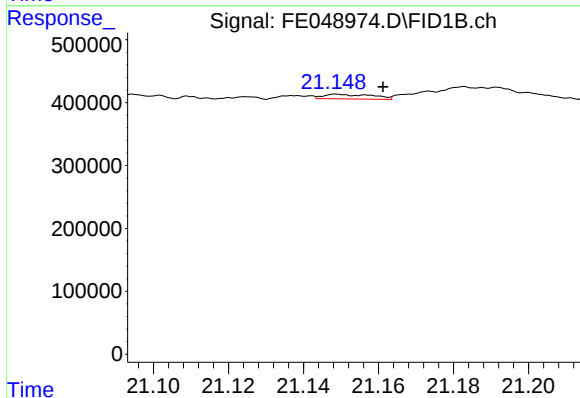
R.T.: 19.701 min
Delta R.T.: 0.013 min
Response: 711774
Conc: 5.14 ug/ml



#20 n-Hexatriacontane (C36)

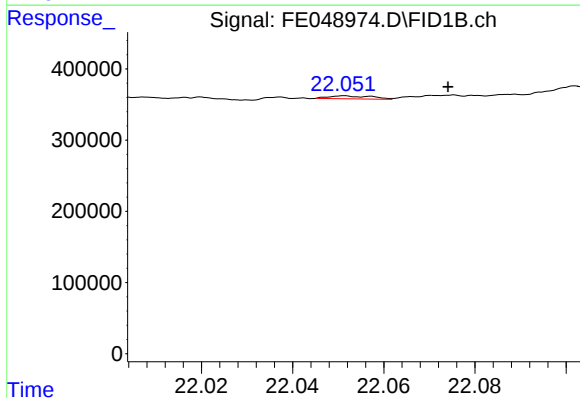
R.T.: 20.447 min
Delta R.T.: 0.020 min
Response: 429557
Conc: 3.31 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: -0.012 min
Response: 68170
Conc: 0.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: -0.023 min
Response: 27945
Conc: 0.23 ug/ml