

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049878.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2024 07:58
 Operator : YP\AJ
 Sample : P3788-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-082924-E2

Integration File: autoint1.e
 Quant Time: Aug 31 08:23:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.878	3366052	20.815 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
12) S 1-chlorooctadecane (S...	13.316	3705878	30.374 ug/ml
Spiked Amount 50.000		Recovery =	60.75%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.231	124773	0.778 ug/ml
5) T A~2-methylnaphthalene...	7.326	118087	0.789 ug/ml
7) T n-Hexadecane (C16)	10.135	183991	1.178 ug/ml
8) T n-Octadecane (C18)	11.556	56230	0.358 ug/ml
10) T n-Eicosane (C20)	12.859	67989	0.455 ug/ml
11) T n-Heneicosane (C21)	13.508	506341	3.452 ug/ml
13) T n-Docosane (C22)	14.066	6828	0.047 ug/ml
14) T n-Tetracosane (C24)	15.156	2562770	17.618 ug/ml
15) T n-Hexacosane (C26)	16.206	192872	1.336 ug/ml
16) T n-Octacosane (C28)	17.159	1766442	12.264 ug/ml
17) T n-Tricontane (C30)	18.023	507866	3.392 ug/ml
18) T n-Dotriacontane (C32)	18.854	390925	2.584 ug/ml
19) T n-Tetratriacontane (C34)	19.664	555202	3.632 ug/ml
20) T n-Hexatriacontane (C36)	20.380	120958	0.797 ug/ml
21) T n-Octatriacontane (C38)	21.099	224795	1.432 ug/ml
22) T n-Tetracontane (C40)	21.990	161505	1.058 ug/ml

(f)=RT Delta > 1/2 Window

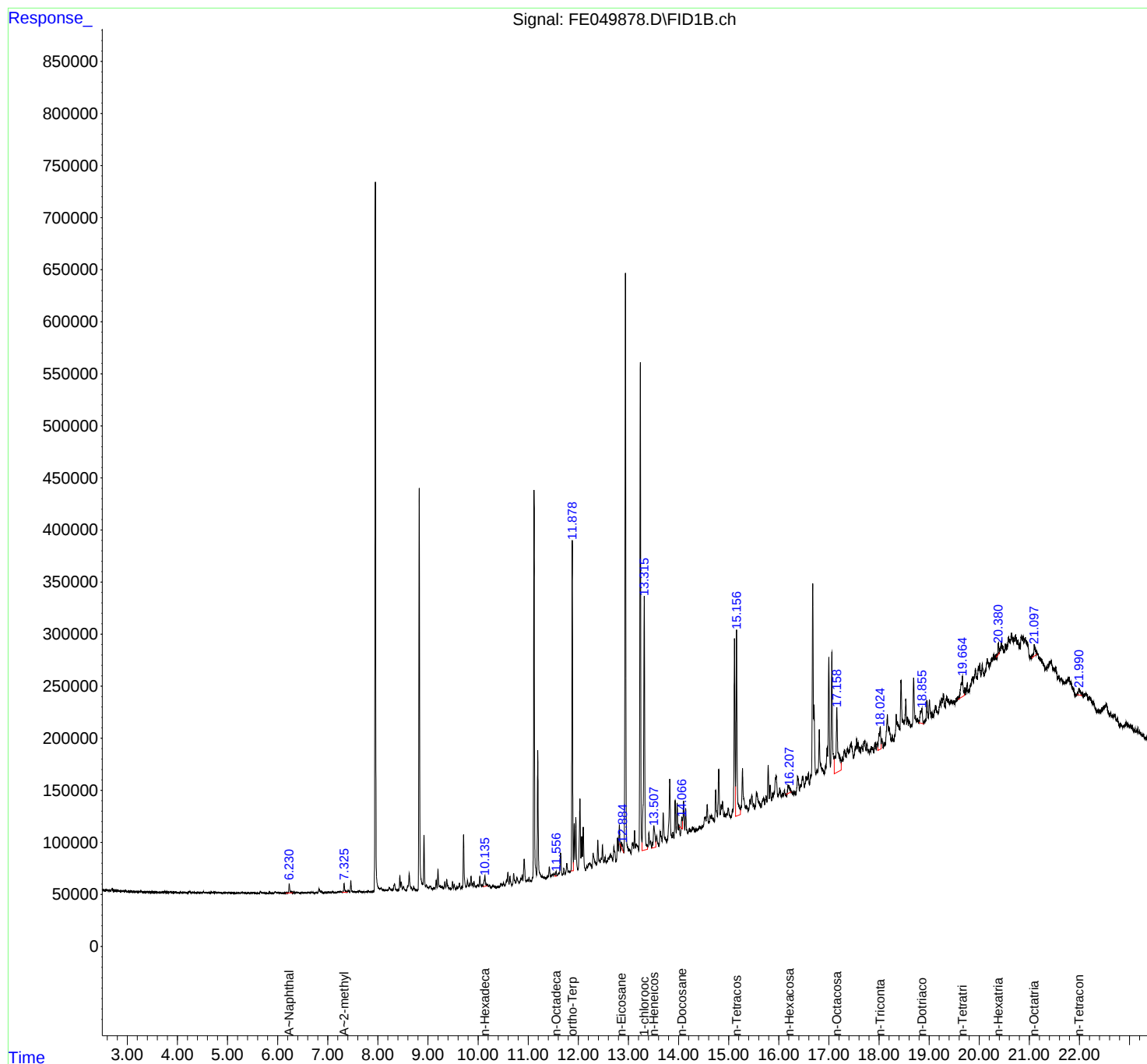
(m)=manual int.

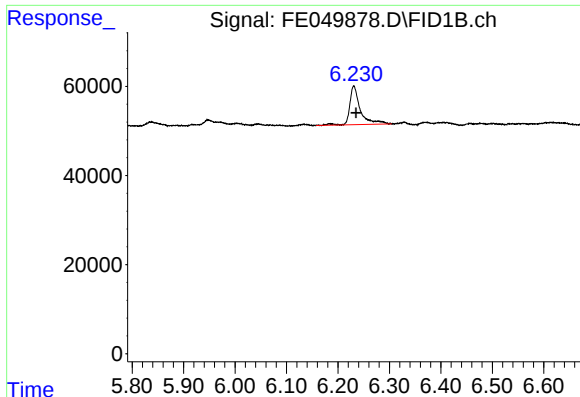
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Signal Info : 20M x 0.18mm x 0.18um

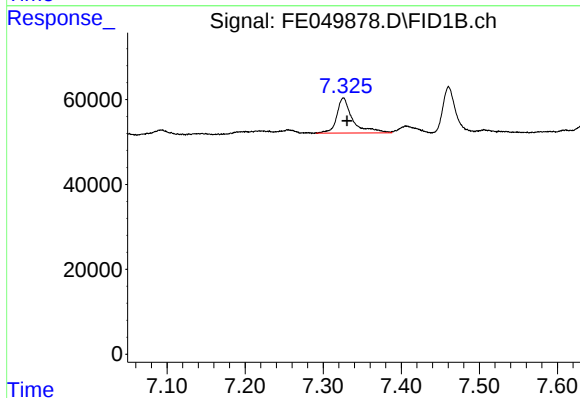




#3 A~Naphthalene (C11.7)

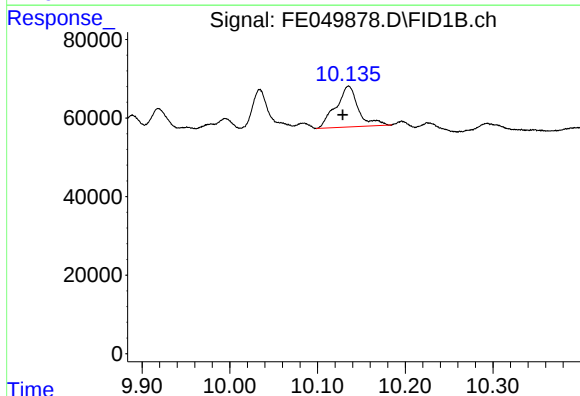
R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 124773
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-082924-E2



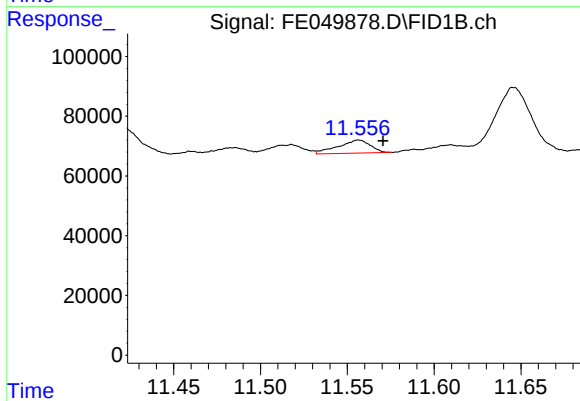
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 118087
Conc: 0.79 ug/ml



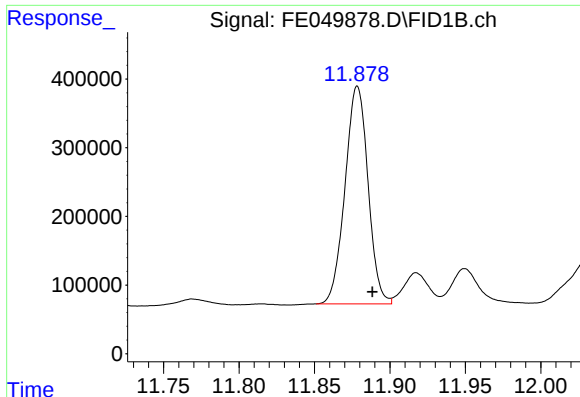
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: 0.006 min
Response: 183991
Conc: 1.18 ug/ml



#8 n-Octadecane (C18)

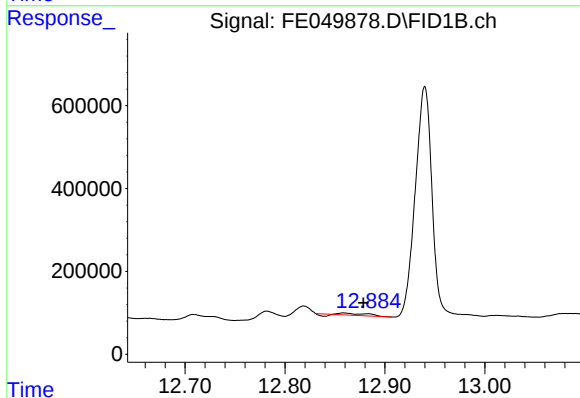
R.T.: 11.556 min
Delta R.T.: -0.014 min
Response: 56230
Conc: 0.36 ug/ml



#9 ortho-Terphenyl (SURR)

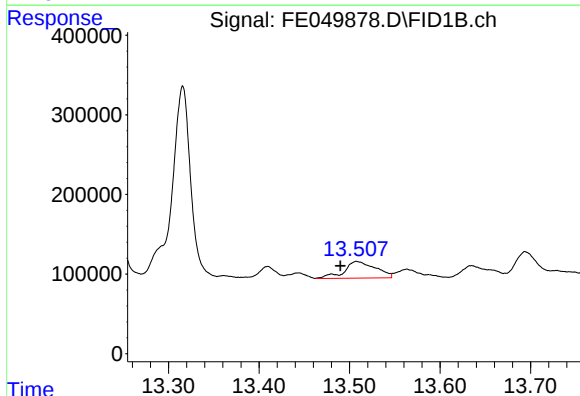
R.T.: 11.878 min
Delta R.T.: -0.010 min
Response: 3366052
Conc: 20.82 ug/ml

Instrument :
FID_E
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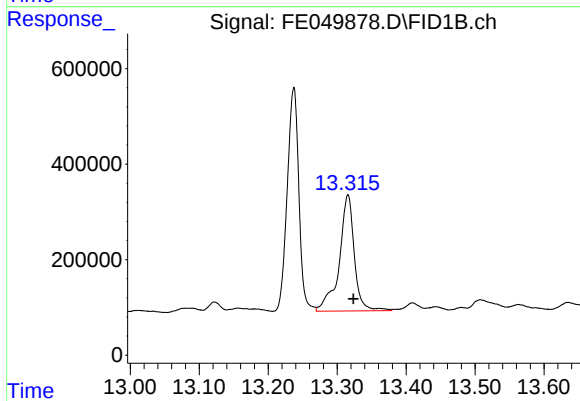
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: -0.020 min
Response: 67989
Conc: 0.46 ug/ml



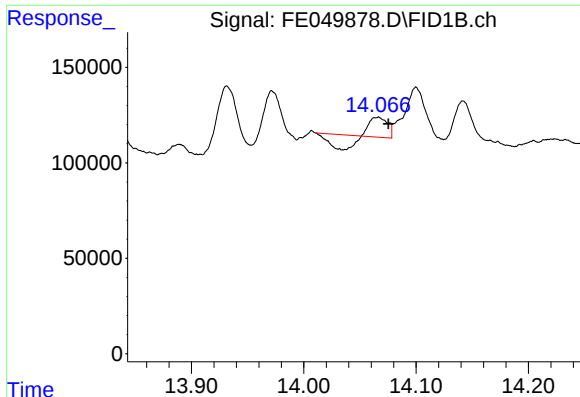
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.018 min
Response: 506341
Conc: 3.45 ug/ml



#12 1-chlorooctadecane (SURR)

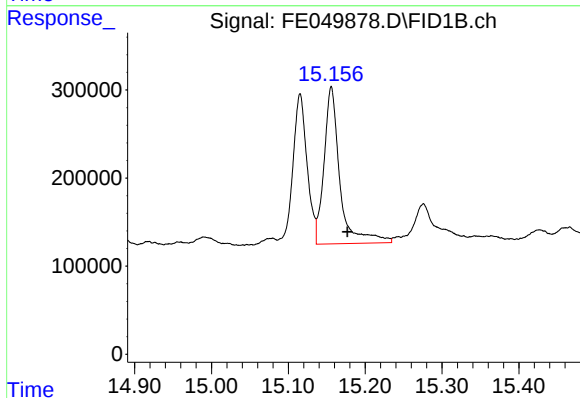
R.T.: 13.316 min
Delta R.T.: -0.008 min
Response: 3705878
Conc: 30.37 ug/ml



#13 n-Docosane (C22)

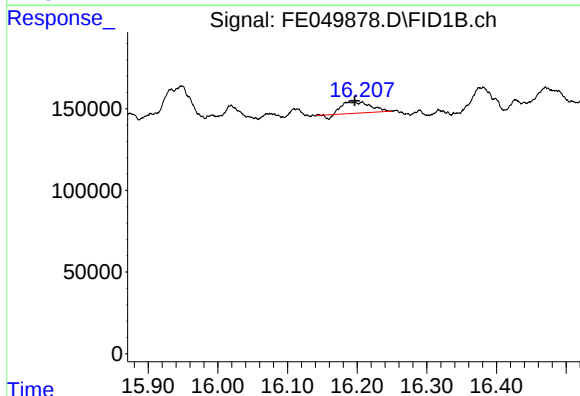
R.T.: 14.066 min
Delta R.T.: -0.009 min
Response: 6828
Conc: 0.05 ug/ml

Instrument :
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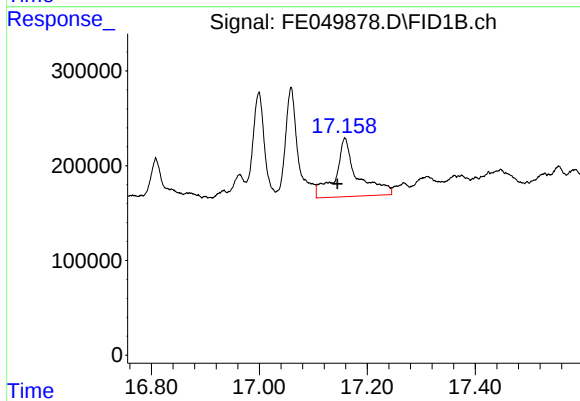
#14 n-Tetracosane (C24)

R.T.: 15.156 min
Delta R.T.: -0.021 min
Response: 2562770
Conc: 17.62 ug/ml



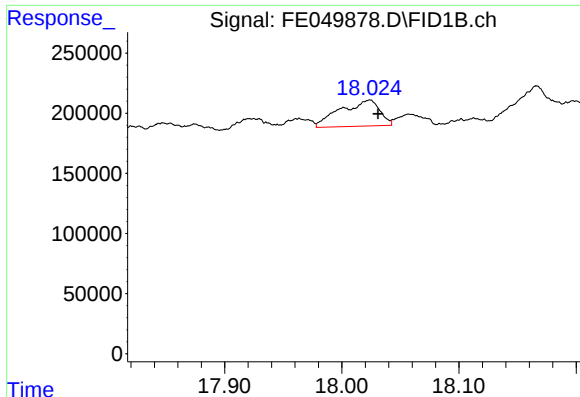
#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: 0.010 min
Response: 192872
Conc: 1.34 ug/ml



#16 n-Octacosane (C28)

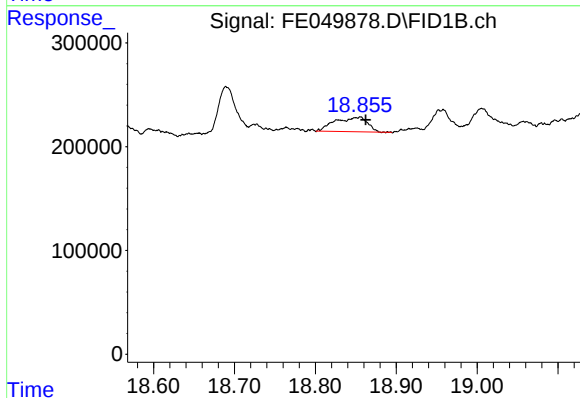
R.T.: 17.159 min
Delta R.T.: 0.014 min
Response: 1766442
Conc: 12.26 ug/ml



#17 n-Tricontane (C30)

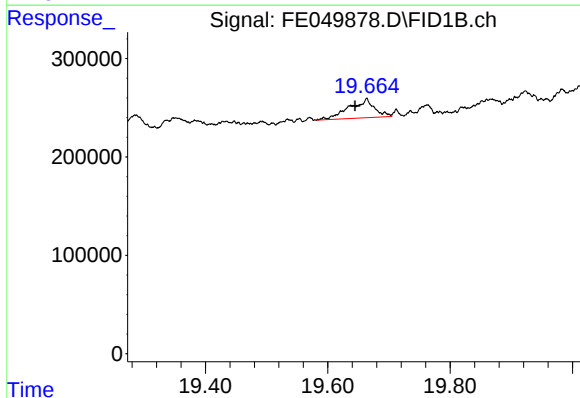
R.T.: 18.023 min
Delta R.T.: -0.008 min
Response: 507866
Conc: 3.39 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-082924-E2



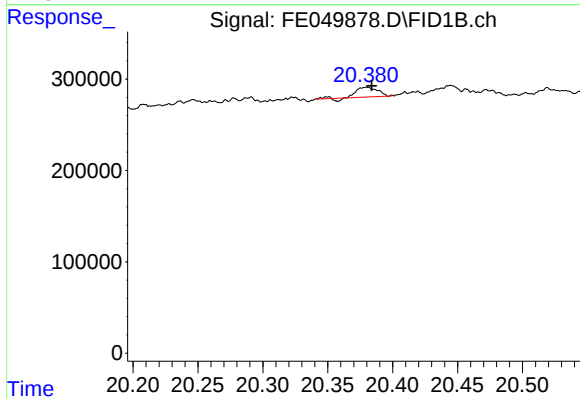
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.009 min
Response: 390925
Conc: 2.58 ug/ml



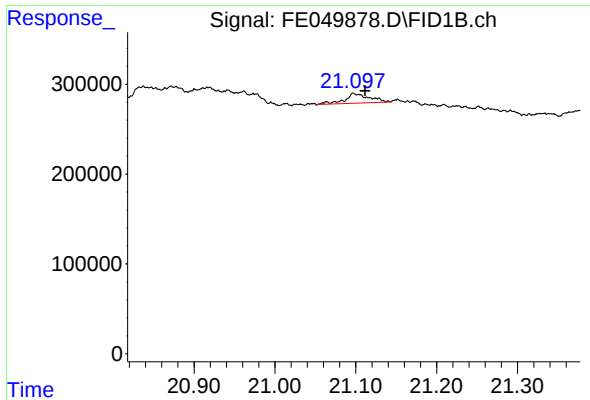
#19 n-Tetratriacontane (C34)

R.T.: 19.664 min
Delta R.T.: 0.019 min
Response: 555202
Conc: 3.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: -0.004 min
Response: 120958
Conc: 0.80 ug/ml



#21 n-Octatriacontane (C38)

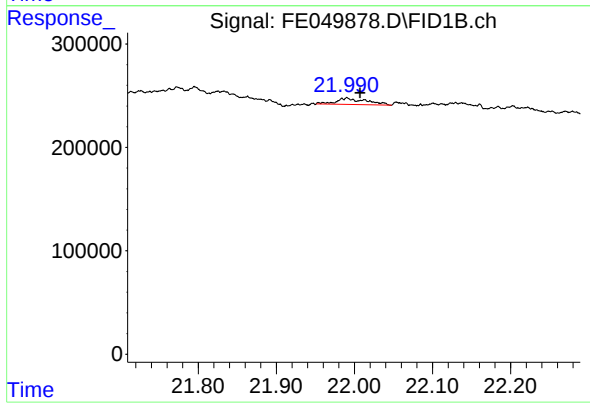
R.T.: 21.099 min
Delta R.T.: -0.013 min
Response: 224795
Conc: 1.43 ug/ml

Instrument :

FID_E

ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.017 min
Response: 161505
Conc: 1.06 ug/ml