

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
 Data File : FE051876.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jan 2025 19:46
 Operator : YP\AJ
 Sample : Q1029-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 08 23:01:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 2025
 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)	12.150	6511712	44.924 ug/ml
Spiked Amount 50.000		Recovery =	89.85%
12) S 1-chlorooctadecane (S...	13.522	592800	5.159 ug/ml
Spiked Amount 50.000		Recovery =	10.32%
Target Compounds			
2) T n-Decane (C10)	4.802	379695	3.337 ug/ml
3) T A~Naphthalene (C11.7)	6.457	612464	4.802 ug/ml
4) T n-Dodecane (C12)	6.893	1230221	10.476 ug/ml
5) T A~2-methylnaphthalene...	7.571	967352	7.729 ug/ml
6) T n-Tetradecane (C14)	8.741	949872	7.922 ug/ml
7) T n-Hexadecane (C16)	10.341	1838327	14.365 ug/ml
8) T n-Octadecane (C18)	11.778	2060705	15.486 ug/ml
10) T n-Eicosane (C20)	13.129	4753538	36.127 ug/ml
11) T n-Heneicosane (C21)	13.741	2748759	20.915 ug/ml
13) T n-Docosane (C22)	14.325	1632967	12.447 ug/ml
14) T n-Tetracosane (C24)	15.425	443709	3.350 ug/ml
15) T n-Hexacosane (C26)	16.443	124914	0.952 ug/ml
17) T n-Tricontane (C30)	18.280	278706	2.120 ug/ml
18) T n-Dotriacontane (C32)	19.109	252616	1.991 ug/ml
19) T n-Tetratriacontane (C34)	19.893	504618	4.542 ug/ml
20) T n-Hexatriacontane (C36)	20.631	519548	5.266 ug/ml
22) T n-Tetracontane (C40)	22.432	167822	1.823 ug/ml

(f)=RT Delta > 1/2 Window

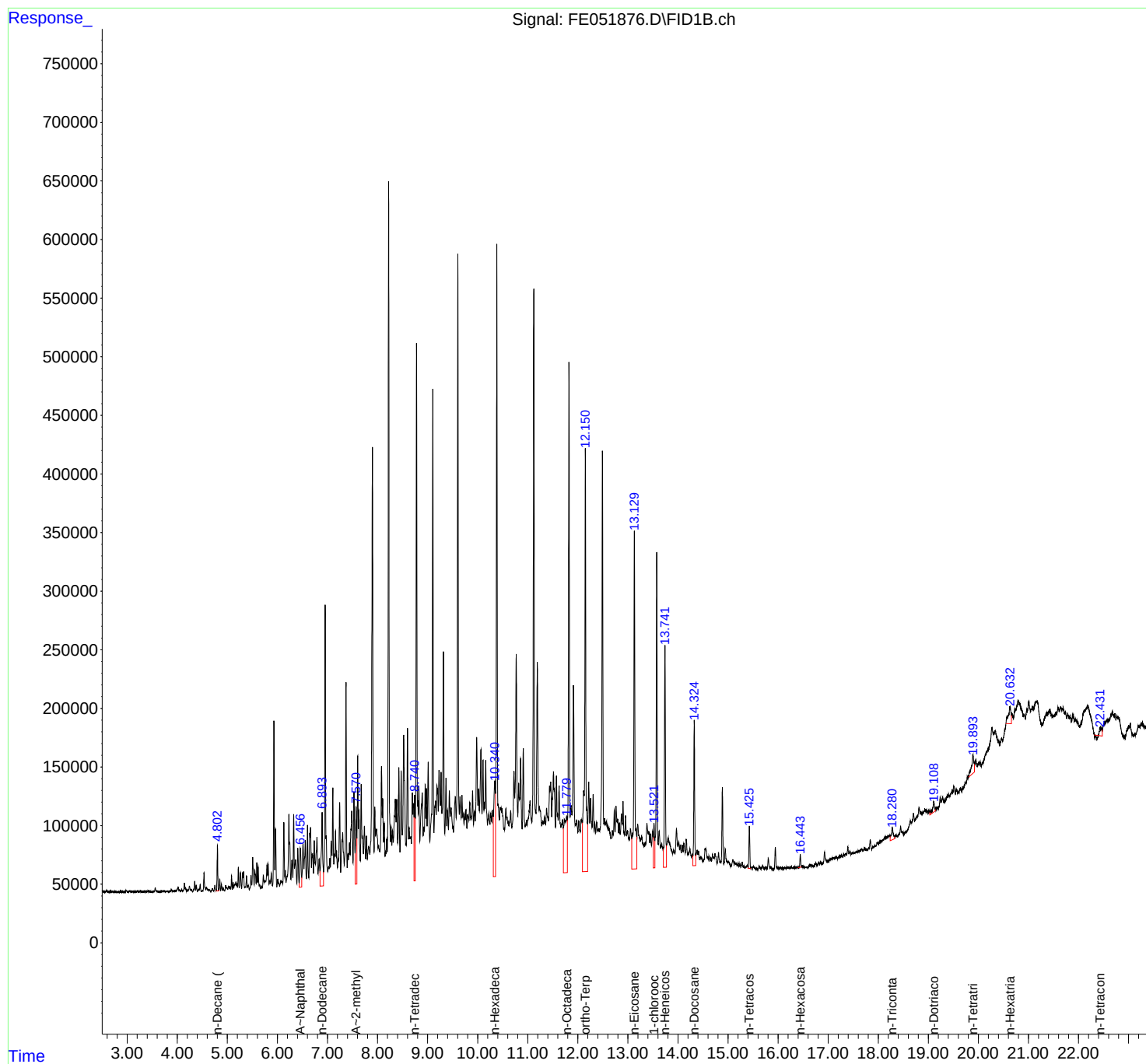
(m)=manual int.

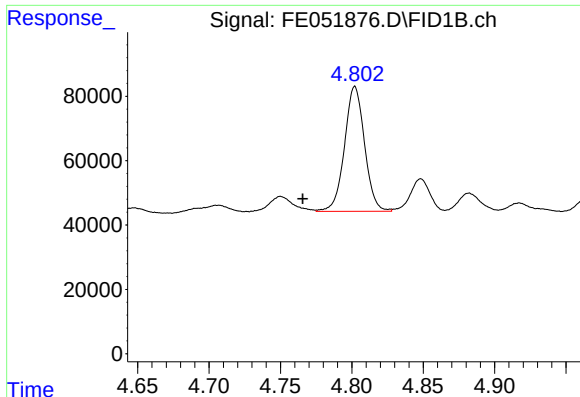
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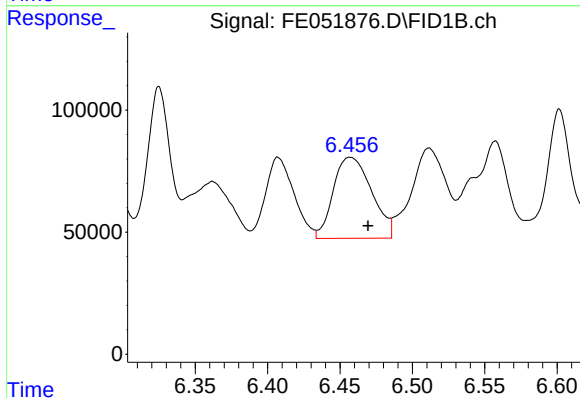




#2 n-Decane (C10)

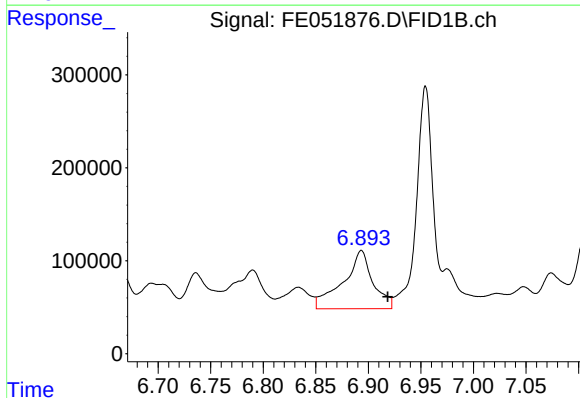
R.T.: 4.802 min
Delta R.T.: 0.037 min
Response: 379695
Conc: 3.34 ug/ml

Instrument :
FID_E
ClientSampleId :



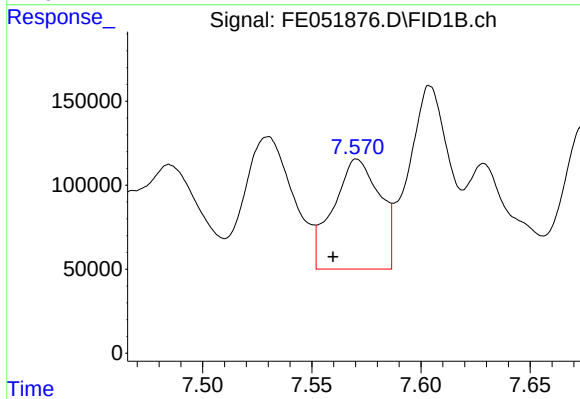
#3 A~Naphthalene (C11.7)

R.T.: 6.457 min
Delta R.T.: -0.012 min
Response: 612464
Conc: 4.80 ug/ml



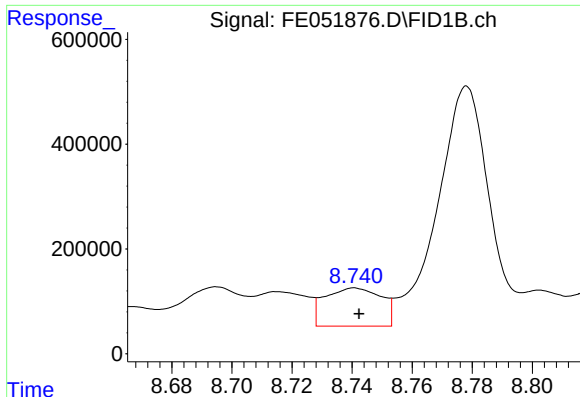
#4 n-Dodecane (C12)

R.T.: 6.893 min
Delta R.T.: -0.025 min
Response: 1230221
Conc: 10.48 ug/ml



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

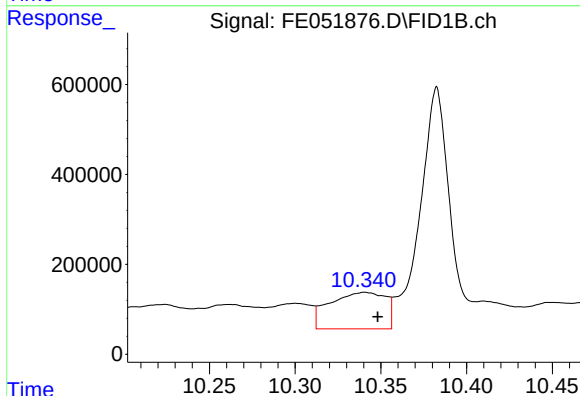
R.T.: 7.571 min
Delta R.T.: 0.011 min
Response: 967352
Conc: 7.73 ug/ml



#6 n-Tetradecane (C14)

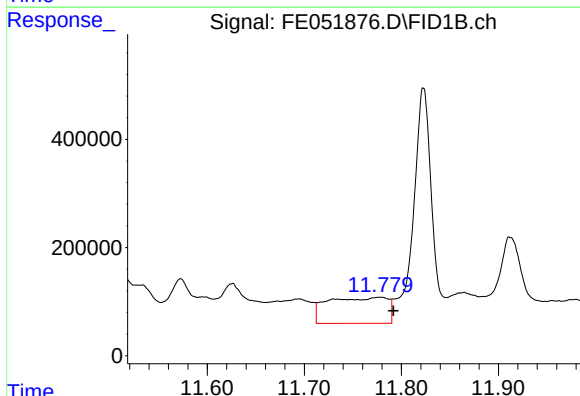
R.T.: 8.741 min
Delta R.T.: -0.001 min
Response: 949872
Conc: 7.92 ug/ml

Instrument :
FID_E
ClientSampleId :



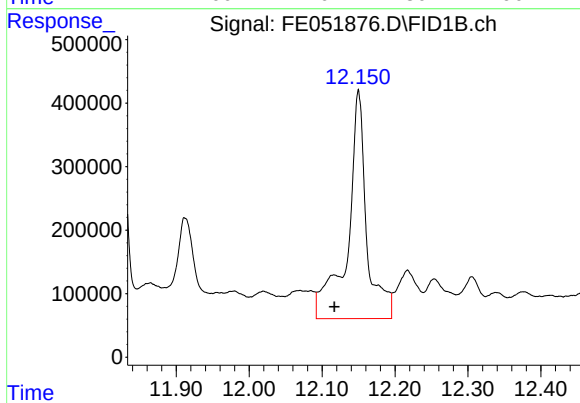
#7 n-Hexadecane (C16)

R.T.: 10.341 min
Delta R.T.: -0.007 min
Response: 1838327
Conc: 14.37 ug/ml



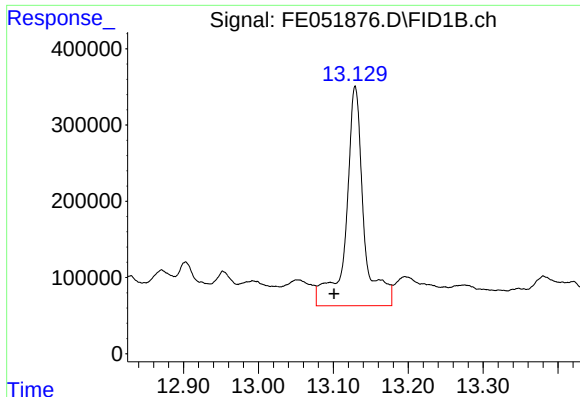
#8 n-Octadecane (C18)

R.T.: 11.778 min
Delta R.T.: -0.014 min
Response: 2060705
Conc: 15.49 ug/ml



#9 ortho-Terphenyl (SURR)

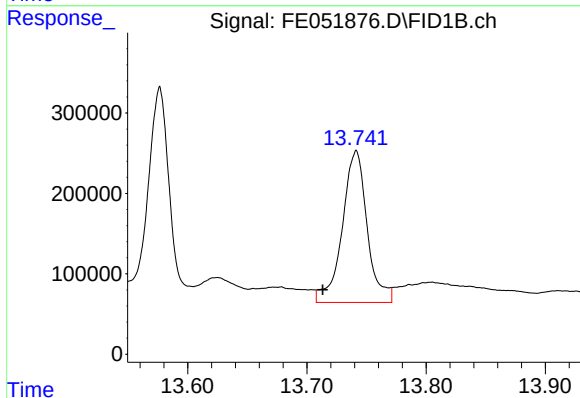
R.T.: 12.150 min
Delta R.T.: 0.033 min
Response: 6511712
Conc: 44.92 ug/ml



#10 n-Eicosane (C20)

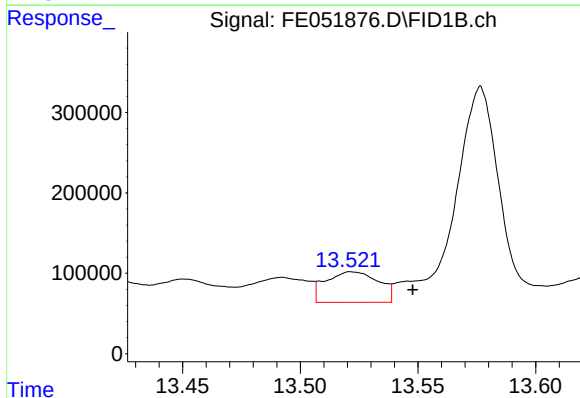
R.T.: 13.129 min
Delta R.T.: 0.028 min
Response: 4753538
Conc: 36.13 ug/ml

Instrument :
FID_E
ClientSampleId :



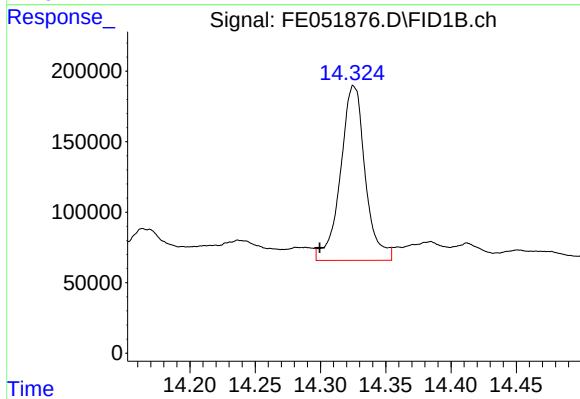
#11 n-Heneicosane (C21)

R.T.: 13.741 min
Delta R.T.: 0.027 min
Response: 2748759
Conc: 20.92 ug/ml



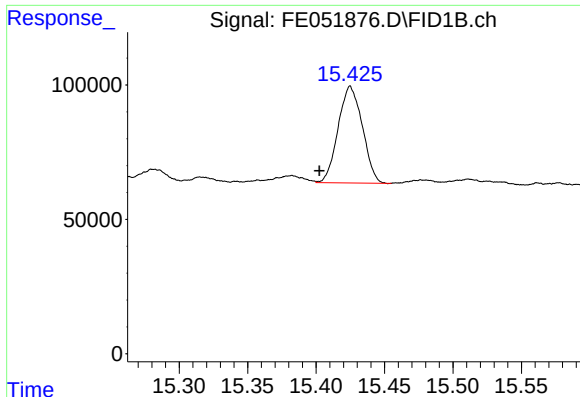
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: -0.025 min
Response: 592800
Conc: 5.16 ug/ml



#13 n-Docosane (C22)

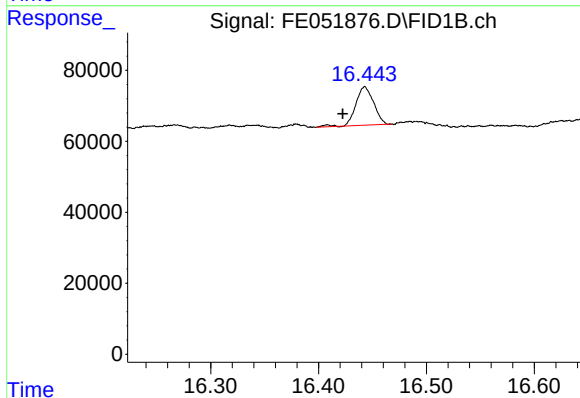
R.T.: 14.325 min
Delta R.T.: 0.026 min
Response: 1632967
Conc: 12.45 ug/ml



#14 n-Tetracosane (C24)

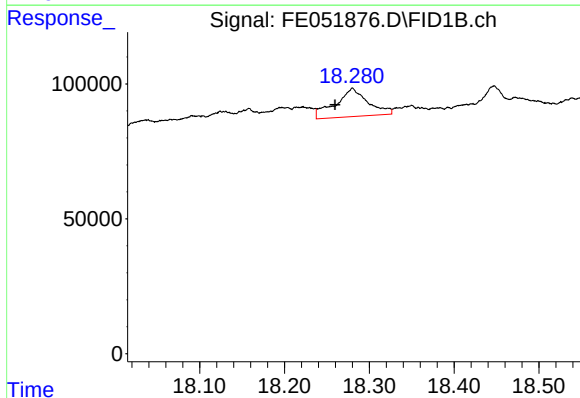
R.T.: 15.425 min
Delta R.T.: 0.023 min
Response: 443709
Conc: 3.35 ug/ml

Instrument :
FID_E
ClientSampleId :



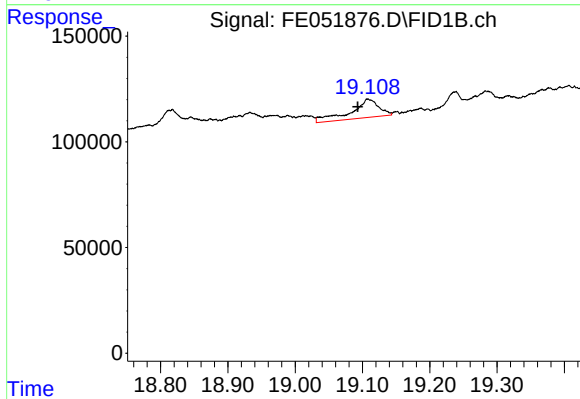
#15 n-Hexacosane (C26)

R.T.: 16.443 min
Delta R.T.: 0.020 min
Response: 124914
Conc: 0.95 ug/ml



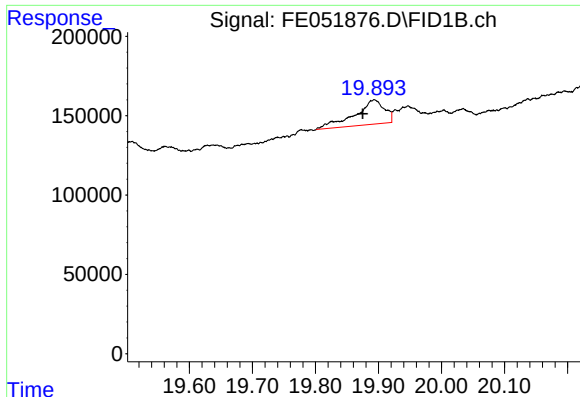
#17 n-Tricontane (C30)

R.T.: 18.280 min
Delta R.T.: 0.021 min
Response: 278706
Conc: 2.12 ug/ml



#18 n-Dotriacontane (C32)

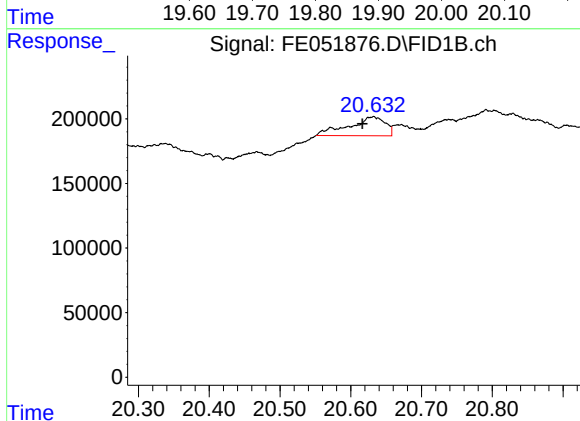
R.T.: 19.109 min
Delta R.T.: 0.016 min
Response: 252616
Conc: 1.99 ug/ml



#19 n-Tetratriacontane (C34)

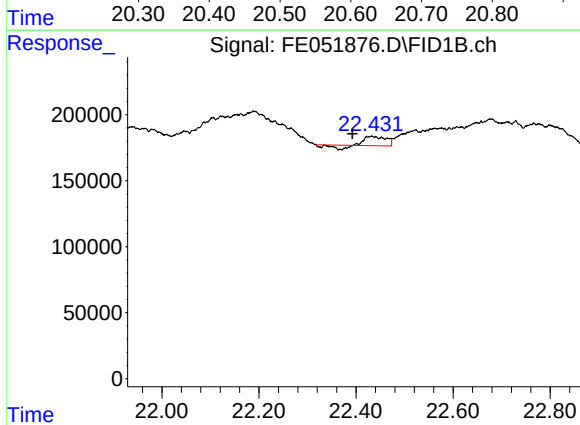
R.T.: 19.893 min
Delta R.T.: 0.018 min
Response: 504618
Conc: 4.54 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.631 min
Delta R.T.: 0.015 min
Response: 519548
Conc: 5.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.432 min
Delta R.T.: 0.039 min
Response: 167822
Conc: 1.82 ug/ml