

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054810.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 14:48
 Operator : YP\AJ
 Sample : Q2559-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 500-3B CONCRETE CHIP

Integration File: autoint1.e
 Quant Time: Jul 12 02:09:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.101	14037832	86.443 ug/ml
Spiked Amount 50.000		Recovery =	172.89%
12) S 1-chlorooctadecane (S...	13.540	5793661	45.874 ug/ml
Spiked Amount 50.000		Recovery =	91.75%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.445	51272	0.339 ug/ml
6) T n-Tetradecane (C14)	8.685	127118	0.917 ug/ml
7) T n-Hexadecane (C16)	10.318	817162	5.734 ug/ml
8) T n-Octadecane (C18)	11.777	3396244	23.174 ug/ml
10) T n-Eicosane (C20)	13.090	1921391	13.362 ug/ml
11) T n-Heneicosane (C21)	13.725	3606810	25.252 ug/ml
13) T n-Docosane (C22)	14.285	1872748	13.116 ug/ml
14) T n-Tetracosane (C24)	15.387	613471	4.220 ug/ml
15) T n-Hexacosane (C26)	16.405	64693	0.447 ug/ml
16) T n-Octacosane (C28)	17.355	102632	0.704 ug/ml
17) T n-Tricontane (C30)	18.245	253932	1.611 ug/ml
18) T n-Dotriacontane (C32)	19.079	410280	2.536 ug/ml
19) T n-Tetratriacontane (C34)	19.864	336022	2.205 ug/ml
20) T n-Hexatriacontane (C36)	20.606	373405	2.777 ug/ml
21) T n-Octatriacontane (C38)	21.386	261894	2.233 ug/ml
22) T n-Tetracontane (C40)	22.382	154490	1.425 ug/ml

(f)=RT Delta > 1/2 Window

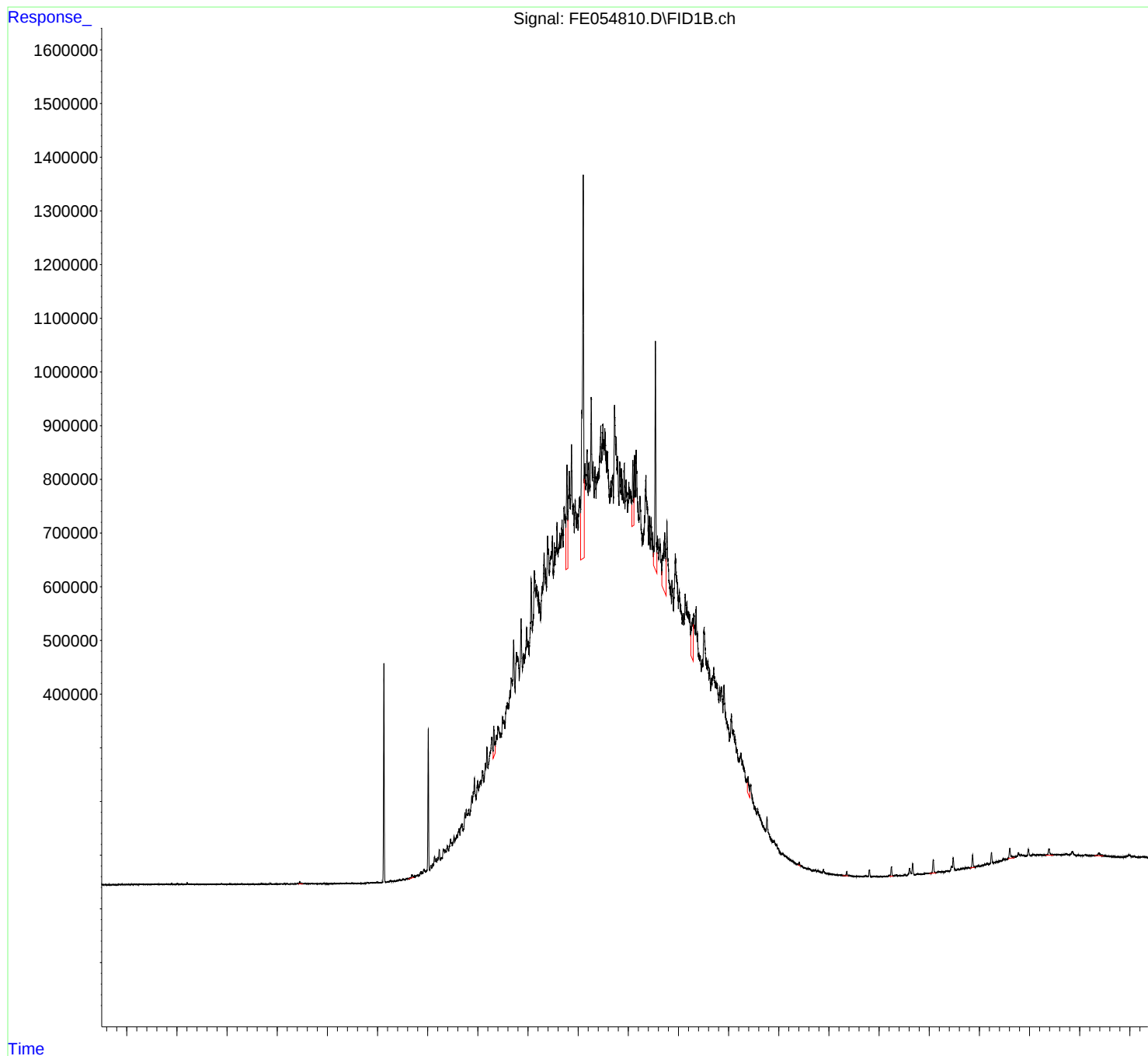
(m)=manual int.

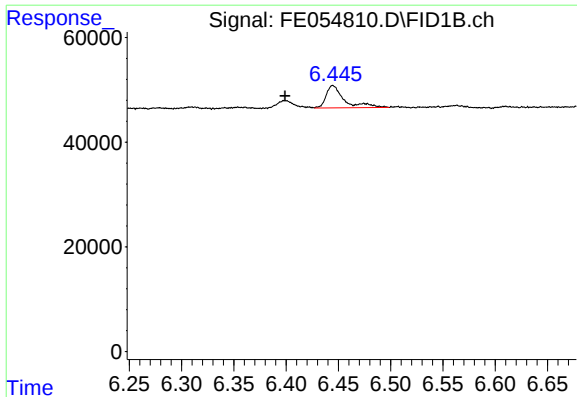
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
Data File : FE054810.D
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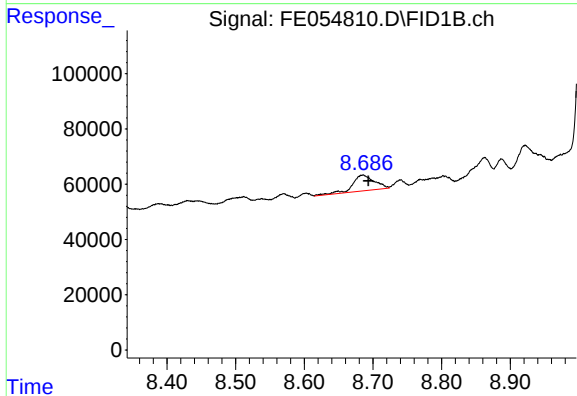




#3 A~Naphthalene (C11.7)

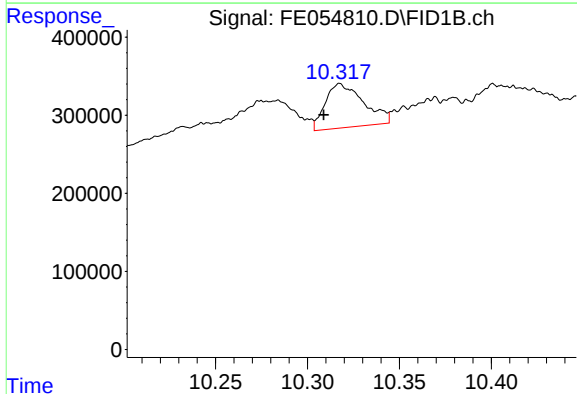
R.T.: 6.445 min
Delta R.T.: 0.046 min
Response: 51272
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B CONCRETE CHIP



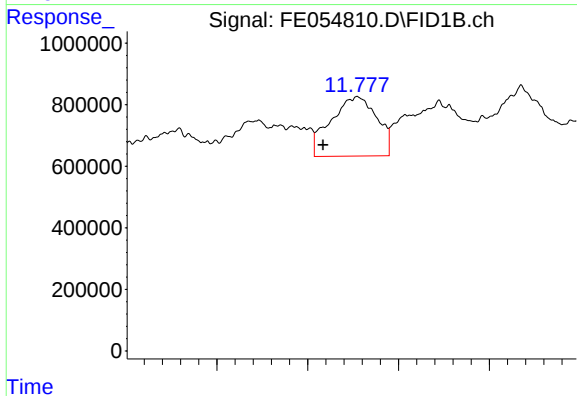
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 127118
Conc: 0.92 ug/ml



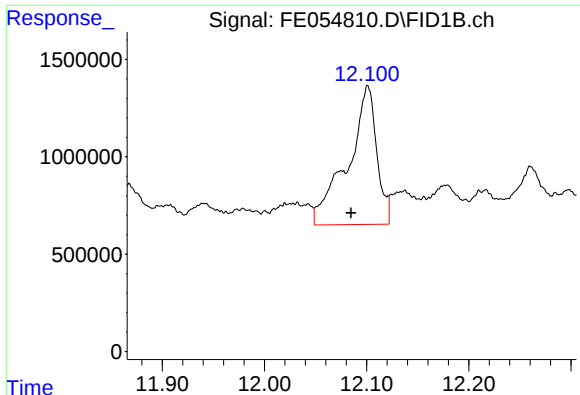
#7 n-Hexadecane (C16)

R.T.: 10.318 min
Delta R.T.: 0.009 min
Response: 817162
Conc: 5.73 ug/ml



#8 n-Octadecane (C18)

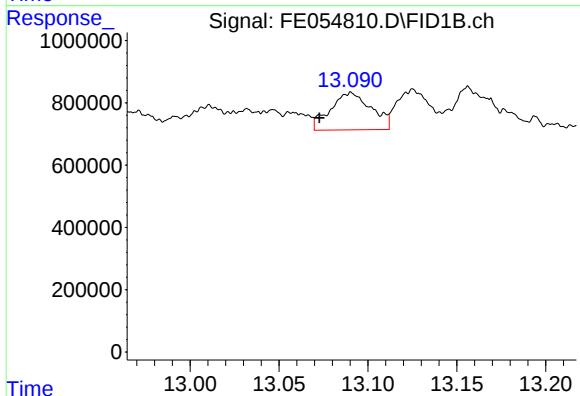
R.T.: 11.777 min
Delta R.T.: 0.019 min
Response: 3396244
Conc: 23.17 ug/ml



#9 ortho-Terphenyl (SURR)

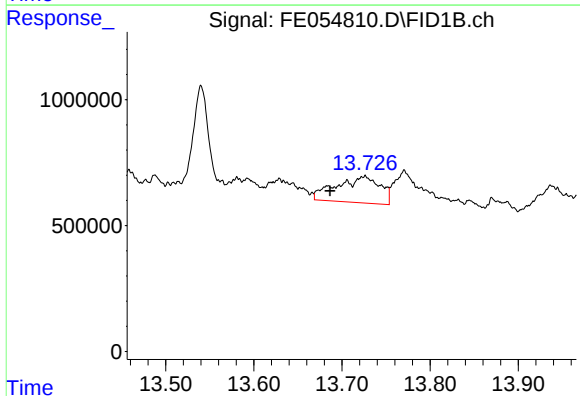
R.T.: 12.101 min
Delta R.T.: 0.016 min
Response: 14037832
Conc: 86.44 ug/ml

Instrument :
FID_E
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500-3B CONCRETE CHIP



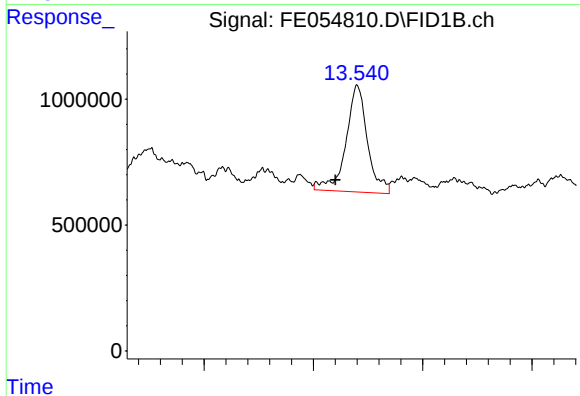
#10 n-Eicosane (C20)

R.T.: 13.090 min
Delta R.T.: 0.017 min
Response: 1921391
Conc: 13.36 ug/ml



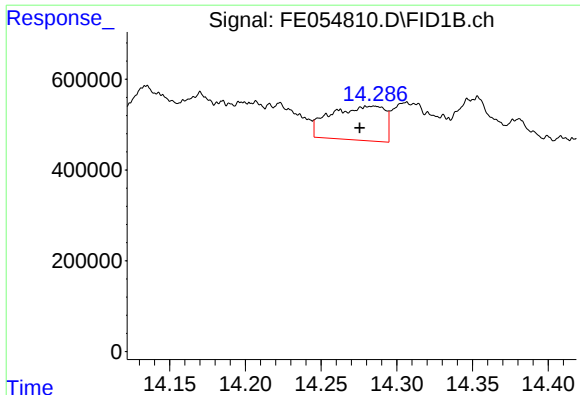
#11 n-Heneicosane (C21)

R.T.: 13.725 min
Delta R.T.: 0.039 min
Response: 3606810
Conc: 25.25 ug/ml



#12 1-chlorooctadecane (SURR)

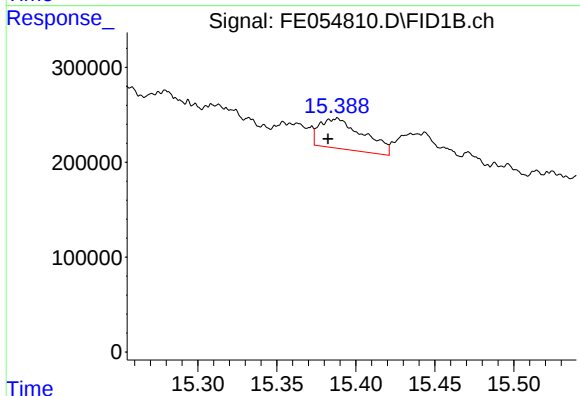
R.T.: 13.540 min
Delta R.T.: 0.020 min
Response: 5793661
Conc: 45.87 ug/ml



#13 n-Docosane (C22)

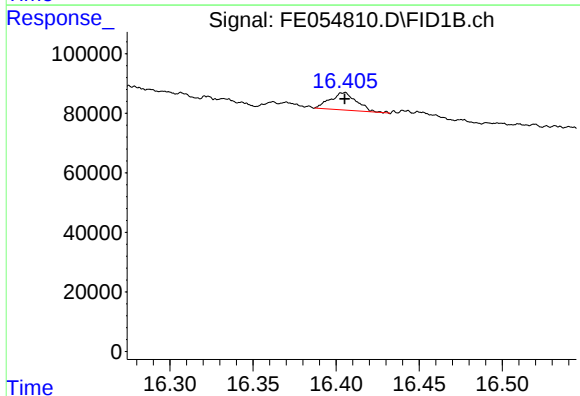
R.T.: 14.285 min
Delta R.T.: 0.009 min
Response: 1872748
Conc: 13.12 ug/ml

Instrument :
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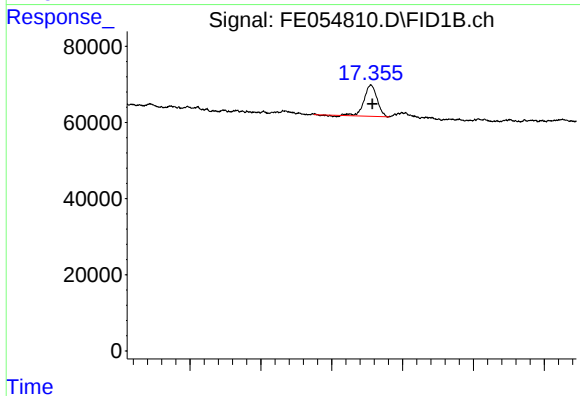
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.005 min
Response: 613471
Conc: 4.22 ug/ml



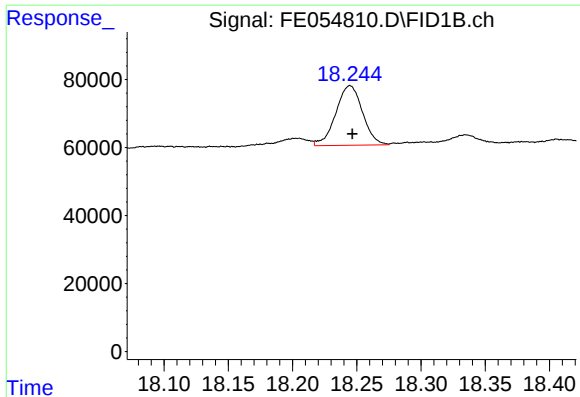
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 64693
Conc: 0.45 ug/ml



#16 n-Octacosane (C28)

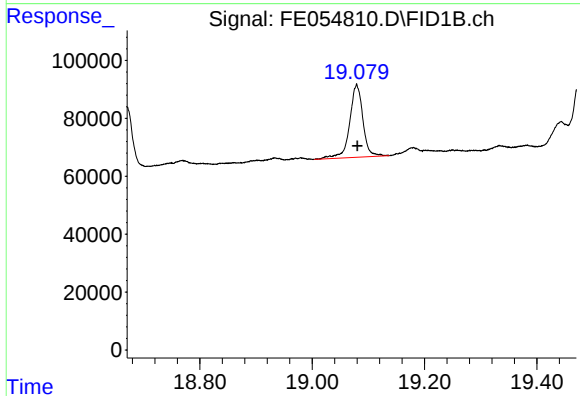
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 102632
Conc: 0.70 ug/ml



#17 n-Tricontane (C30)

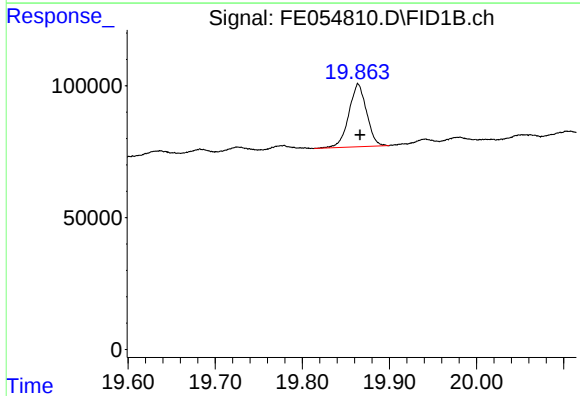
R.T.: 18.245 min
Delta R.T.: -0.002 min
Response: 253932
Conc: 1.61 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B CONCRETE CHIP



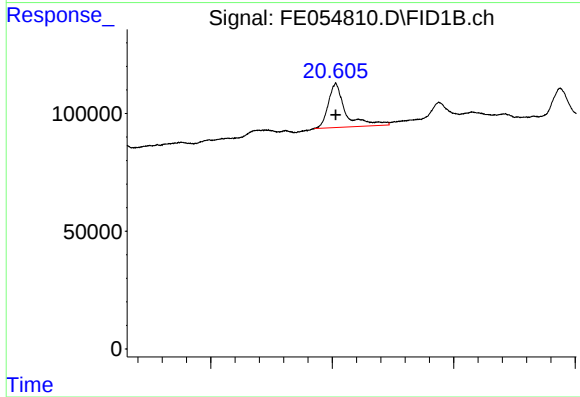
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.001 min
Response: 410280
Conc: 2.54 ug/ml



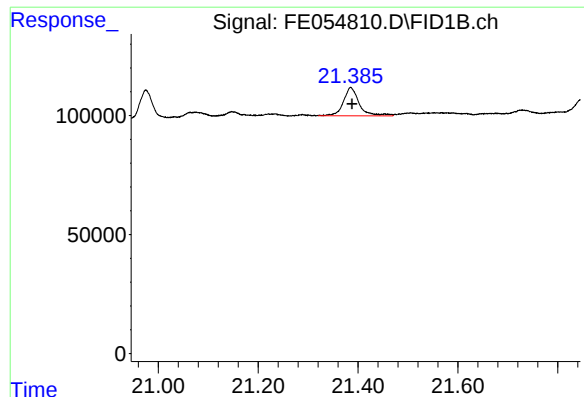
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.002 min
Response: 336022
Conc: 2.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 373405
Conc: 2.78 ug/ml



#21 n-Octatriacontane (C38)

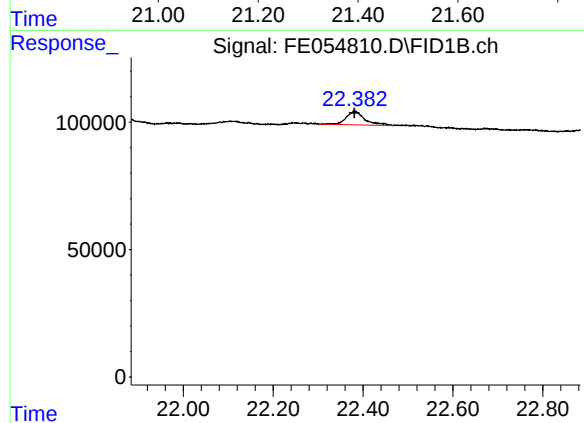
R.T.: 21.386 min
Delta R.T.: -0.002 min
Response: 261894
Conc: 2.23 ug/ml

Instrument :

FID_E

ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: 0.000 min
Response: 154490
Conc: 1.43 ug/ml