

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102320AL\
 Data File : FC050309.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2020 9:43
 Operator : DD\AJ
 Sample : L4214-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Integration File: autoint1.e
 Quant Time: Oct 24 02:22:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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			
12) S 1-chlorooctadecane (S...	13.062	4329994	49.986 ug/ml
Spiked Amount 50.000		Recovery =	99.97%
Target Compounds			
1) T n-Nonane (C9)	3.374	160675	1.621 ug/ml
2) T n-Decane (C10)	4.445	176330	1.771 ug/ml
4) T n-Dodecane (C12)	6.465	223722	2.217 ug/ml
6) T n-Tetradecane (C14)	8.261	267645	2.672 ug/ml
7) T n-Hexadecane (C16)	9.863	407635	4.136 ug/ml
8) T n-Octadecane (C18)	11.304	535615	5.186 ug/ml
10) T n-Eicosane (C20)	12.613	560472	5.386 ug/ml
11) T n-Heneicosane (C21)	13.225	548965	5.283 ug/ml
13) T n-Docosane (C22)	13.811	554986	5.346 ug/ml
14) T n-Tetracosane (C24)	14.913	550269	5.298 ug/ml
15) T n-Hexacosane (C26)	15.933	533692	5.179 ug/ml
16) T n-Octacosane (C28)	16.883	535912	5.178 ug/ml
17) T n-Tricontane (C30)	17.770	542375	5.315 ug/ml
18) T n-Dotriacontane (C32)	18.599	527318	5.489 ug/ml
19) T n-Tetratriacontane (C34)	19.383	529763	5.776 ug/ml
20) T n-Hexatriacontane (C36)	20.121	494699	5.585 ug/ml
21) T n-Octatriacontane (C38)	20.865	470612	5.707 ug/ml
22) T n-Tetracontane (C40)	21.797	458304	5.481 ug/ml

(f)=RT Delta > 1/2 Window

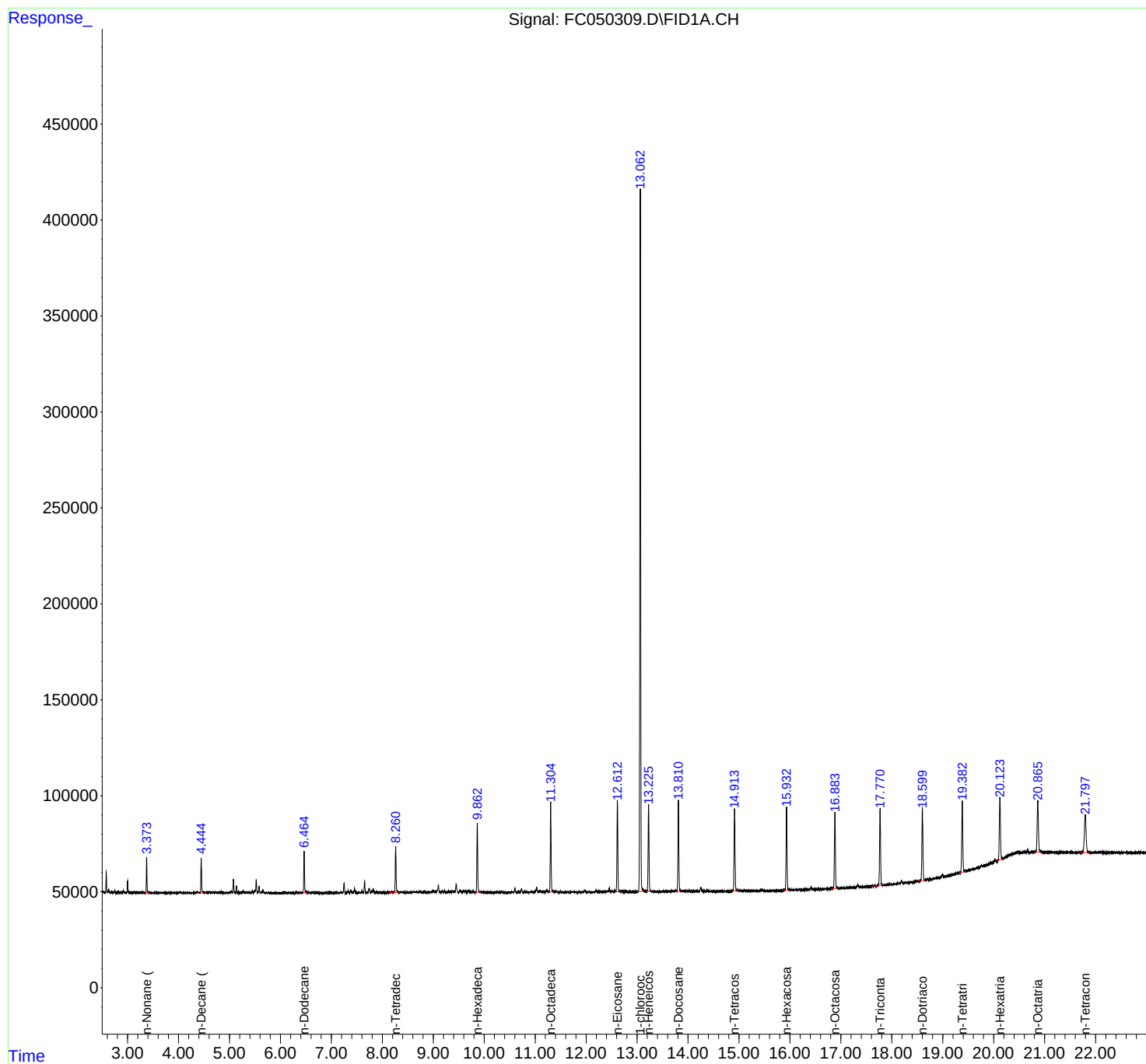
(m)=manual int.

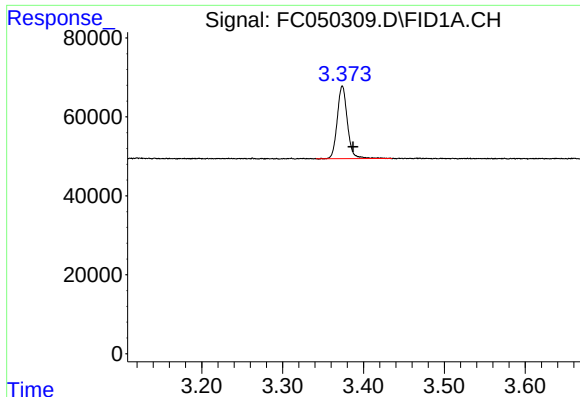
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102320AL\
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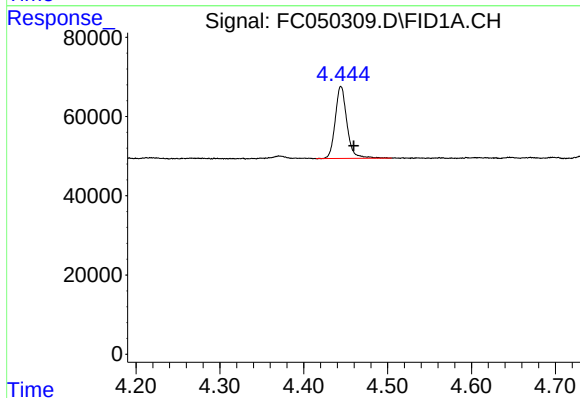




#1 n-Nonane (C9)

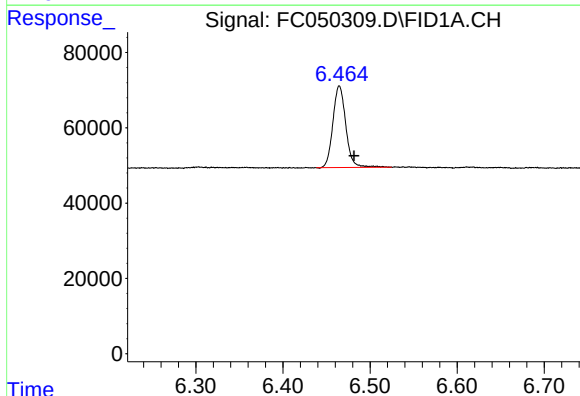
R.T.: 3.374 min
Delta R.T.: -0.013 min
Response: 160675
Conc: 1.62 ug/ml

Instrument :
FID_C
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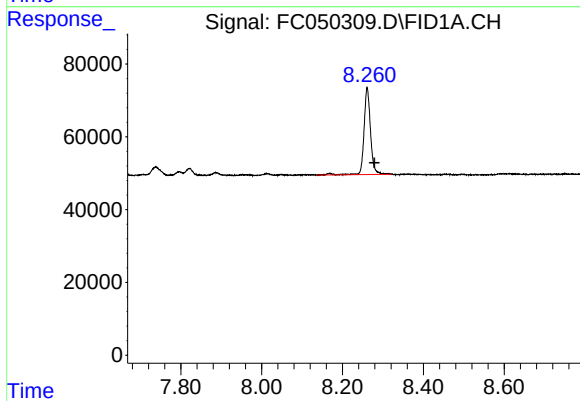
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.015 min
Response: 176330
Conc: 1.77 ug/ml



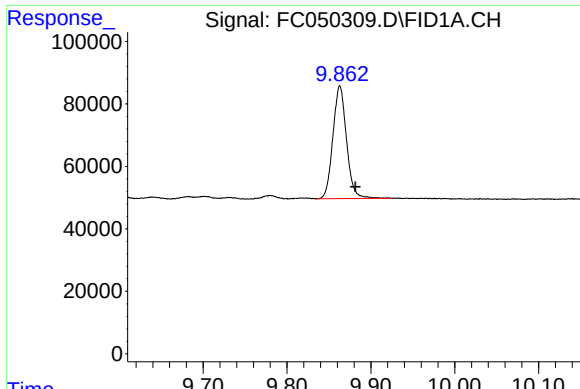
#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.017 min
Response: 223722
Conc: 2.22 ug/ml



#6 n-Tetradecane (C14)

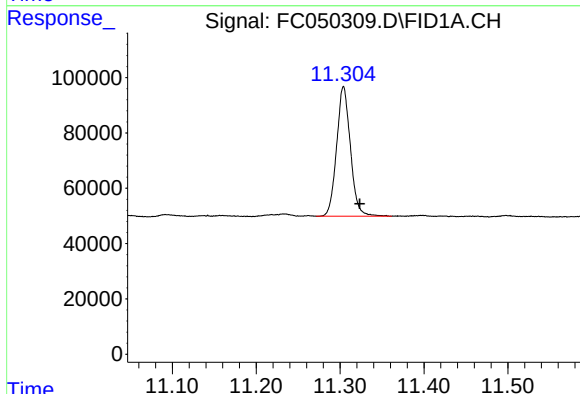
R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 267645
Conc: 2.67 ug/ml



#7 n-Hexadecane (C16)

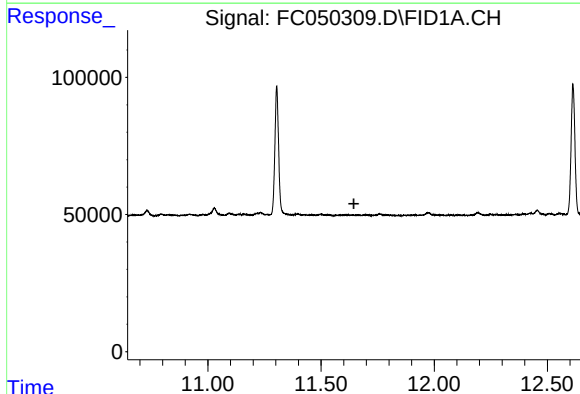
R.T.: 9.863 min
Delta R.T.: -0.018 min
Response: 407635
Conc: 4.14 ug/ml

Instrument :
FID_C
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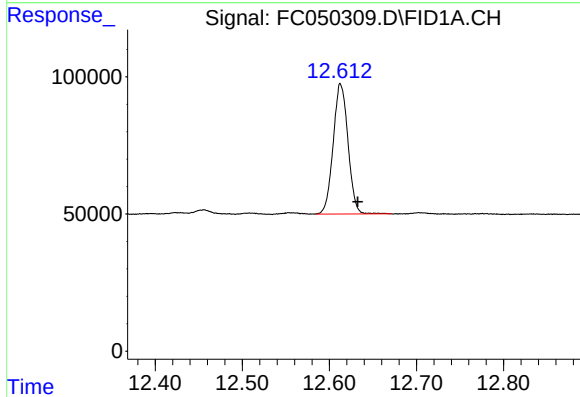
#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: -0.019 min
Response: 535615
Conc: 5.19 ug/ml



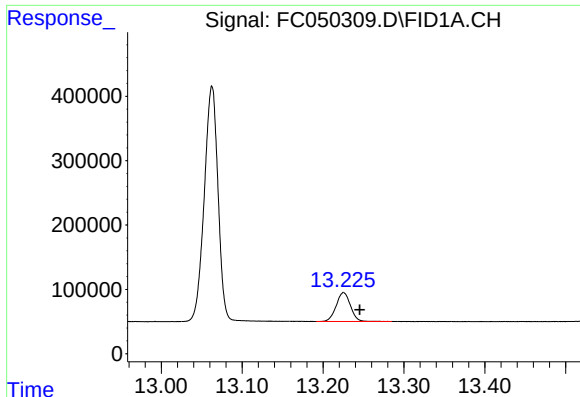
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

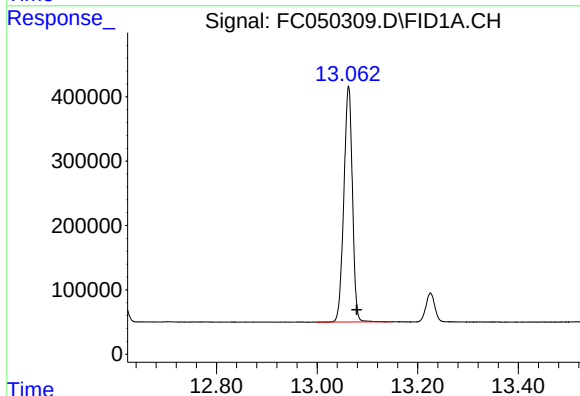
R.T.: 12.613 min
Delta R.T.: -0.019 min
Response: 560472
Conc: 5.39 ug/ml



#11 n-Heneicosane (C21)

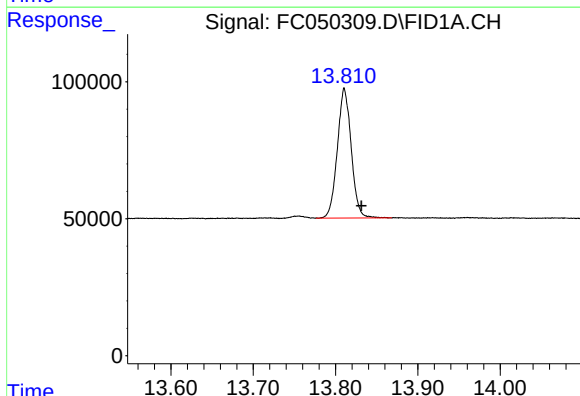
R.T.: 13.225 min
Delta R.T.: -0.020 min
Response: 548965
Conc: 5.28 ug/ml

Instrument :
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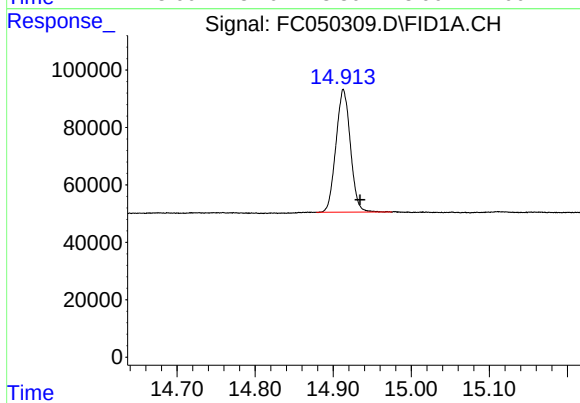
#12 1-chlorooctadecane (SURR)

R.T.: 13.062 min
Delta R.T.: -0.016 min
Response: 4329994
Conc: 49.99 ug/ml



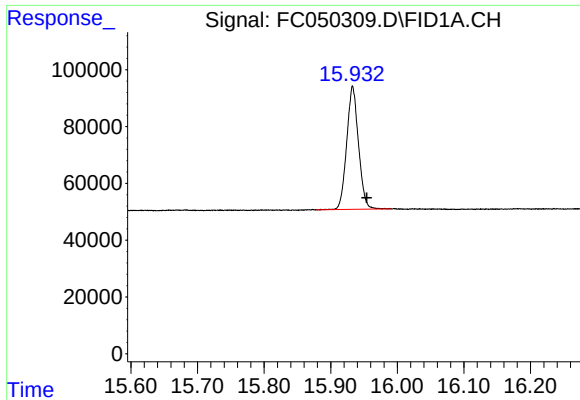
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.021 min
Response: 554986
Conc: 5.35 ug/ml



#14 n-Tetracosane (C24)

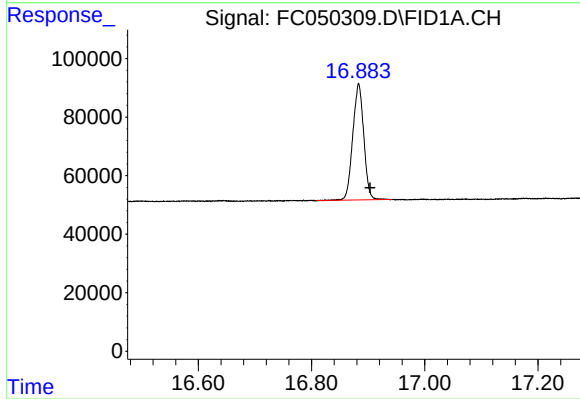
R.T.: 14.913 min
Delta R.T.: -0.021 min
Response: 550269
Conc: 5.30 ug/ml



#15 n-Hexacosane (C26)

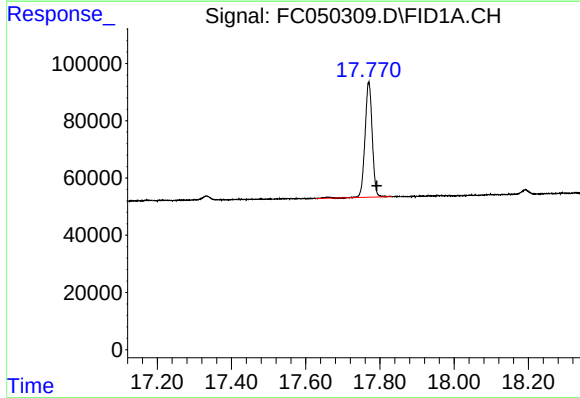
R.T.: 15.933 min
Delta R.T.: -0.021 min
Response: 533692
Conc: 5.18 ug/ml

Instrument :
FID_C
ClientSampleId :
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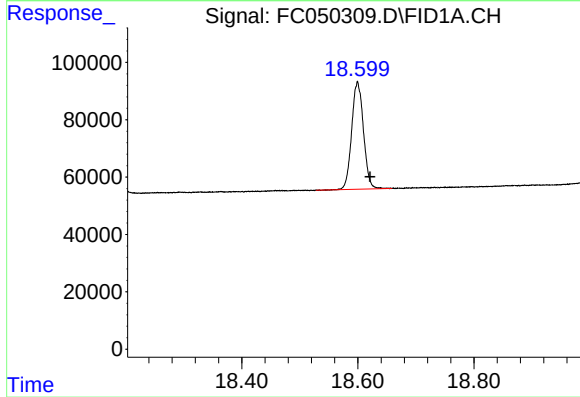
#16 n-Octacosane (C28)

R.T.: 16.883 min
Delta R.T.: -0.020 min
Response: 535912
Conc: 5.18 ug/ml



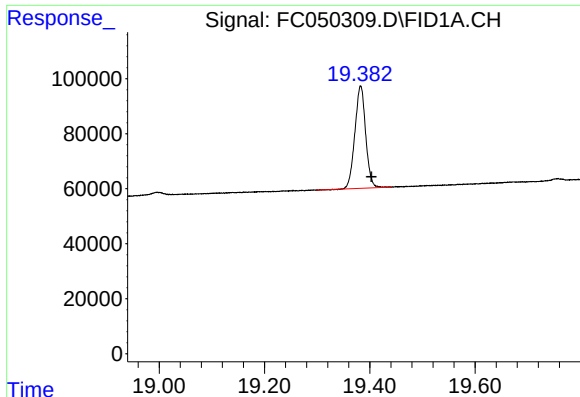
#17 n-Tricontane (C30)

R.T.: 17.770 min
Delta R.T.: -0.021 min
Response: 542375
Conc: 5.31 ug/ml



#18 n-Dotriacontane (C32)

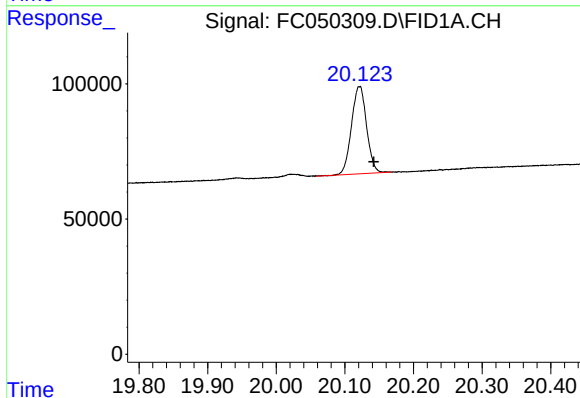
R.T.: 18.599 min
Delta R.T.: -0.021 min
Response: 527318
Conc: 5.49 ug/ml



#19 n-Tetratriacontane (C34)

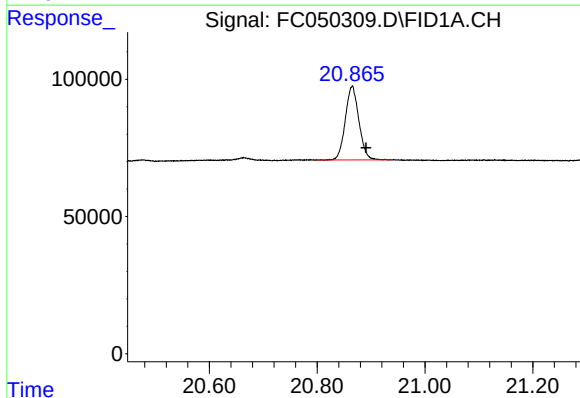
R.T.: 19.383 min
Delta R.T.: -0.021 min
Response: 529763
Conc: 5.78 ug/ml

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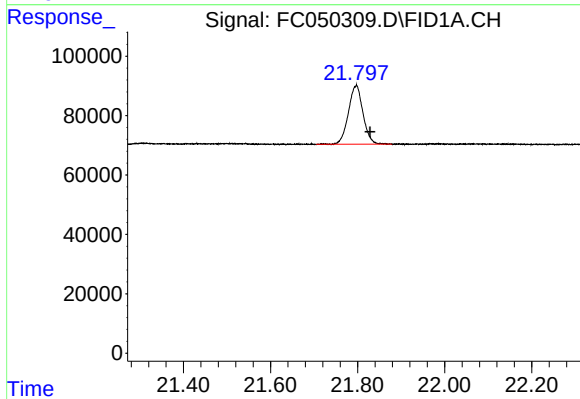
#20 n-Hexatriacontane (C36)

R.T.: 20.121 min
Delta R.T.: -0.021 min
Response: 494699
Conc: 5.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.026 min
Response: 470612
Conc: 5.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.797 min
Delta R.T.: -0.032 min
Response: 458304
Conc: 5.48 ug/ml