

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013182.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 17:11
 Operator : YP\AJ
 Sample : 03572-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 10 22:58:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 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			
12) S 1-chlorooctadecane (S...	13.333	4709060	44.937 ug/ml
Spiked Amount 50.000		Recovery =	89.87%
Target Compounds			
1) T n-Nonane (C9)	3.285	492376	4.608 ug/ml
2) T n-Decane (C10)	4.538	490251	4.575 ug/ml
4) T n-Dodecane (C12)	6.702	507677	4.692 ug/ml
6) T n-Tetradecane (C14)	8.527	515251	4.773 ug/ml
7) T n-Hexadecane (C16)	10.134	515343	4.754 ug/ml
8) T n-Octadecane (C18)	11.577	538979	4.922 ug/ml
10) T n-Eicosane (C20)	12.887	521930	4.756 ug/ml
11) T n-Heneicosane (C21)	13.498	524244	4.772 ug/ml
13) T n-Docosane (C22)	14.084	521526	4.750 ug/ml
14) T n-Tetracosane (C24)	15.187	522942	4.760 ug/ml
15) T n-Hexacosane (C26)	16.205	521713	4.774 ug/ml
16) T n-Octacosane (C28)	17.156	523807	4.851 ug/ml
17) T n-Tricontane (C30)	18.043	538869	4.928 ug/ml
18) T n-Dotriacontane (C32)	18.874	552620	4.892 ug/ml
19) T n-Tetratriacontane (C34)	19.657	522744	4.921 ug/ml
20) T n-Hexatriacontane (C36)	20.395	497261	4.718 ug/ml
21) T n-Octatriacontane (C38)	21.124	467971	4.633 ug/ml
22) T n-Tetracontane (C40)	22.022	486012	4.890 ug/ml

(f)=RT Delta > 1/2 Window

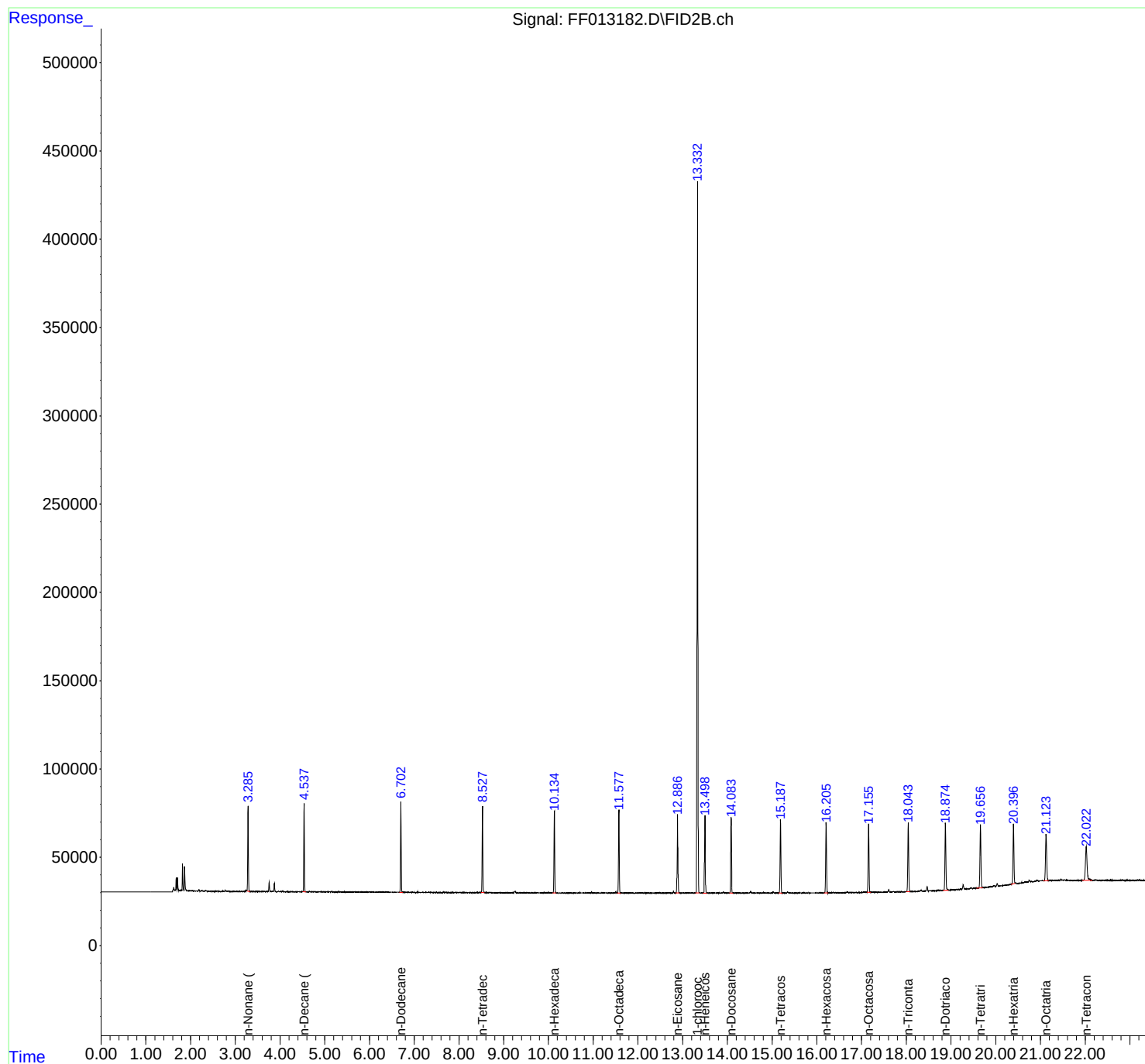
(m)=manual int.

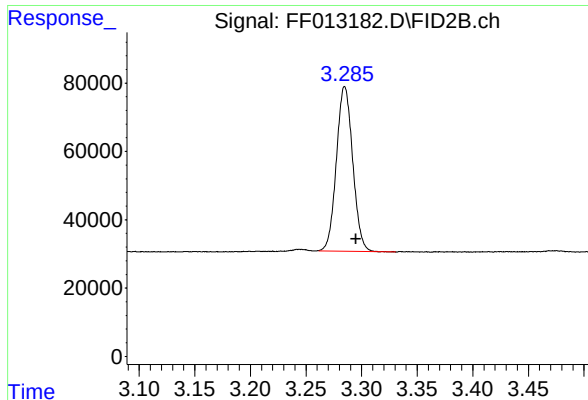
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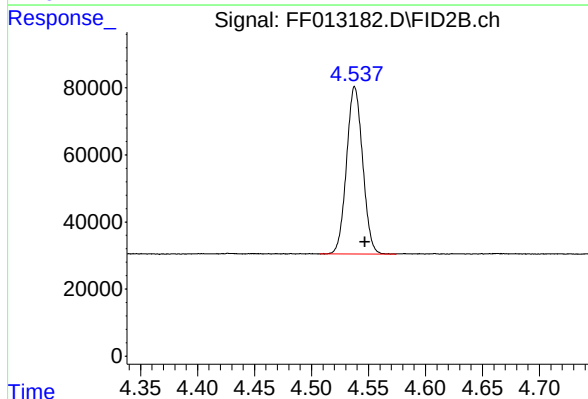




#1 n-Nonane (C9)

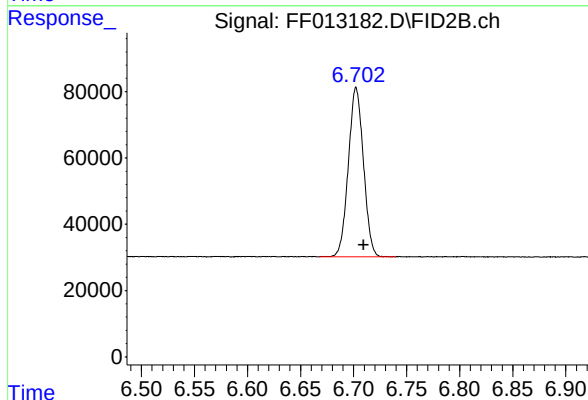
R.T.: 3.285 min
Delta R.T.: -0.010 min
Response: 492376
Conc: 4.61 ug/ml

Instrument :
FID_F
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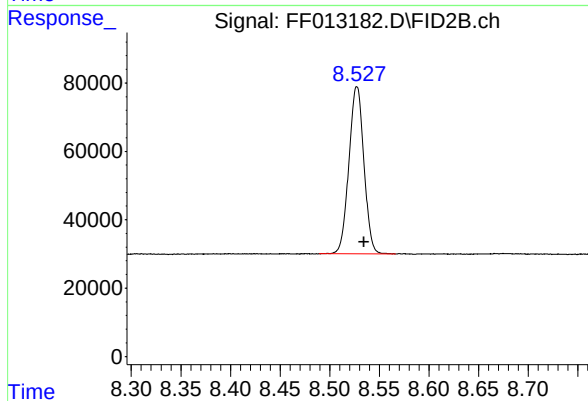
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.009 min
Response: 490251
Conc: 4.57 ug/ml



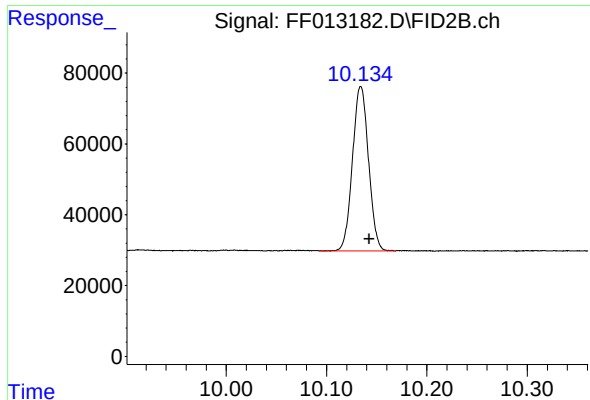
#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 507677
Conc: 4.69 ug/ml



#6 n-Tetradecane (C14)

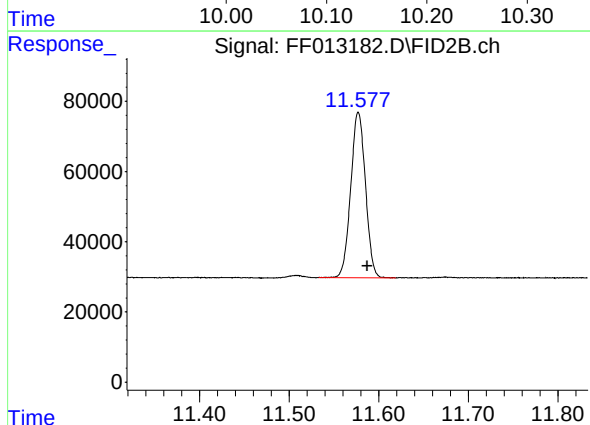
R.T.: 8.527 min
Delta R.T.: -0.007 min
Response: 515251
Conc: 4.77 ug/ml



#7 n-Hexadecane (C16)

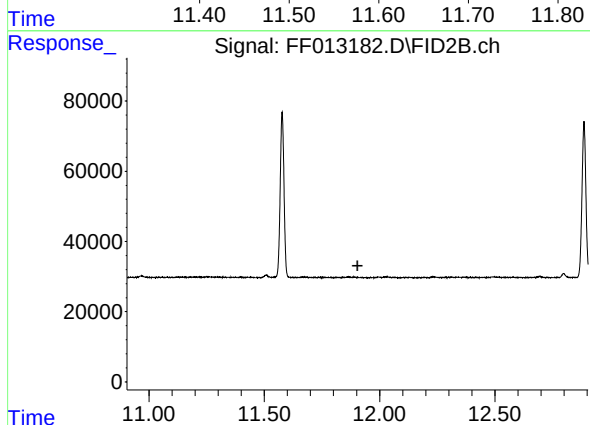
R.T.: 10.134 min
Delta R.T.: -0.008 min
Response: 515343
Conc: 4.75 ug/ml

Instrument :
FID_F
ClientSampleId :
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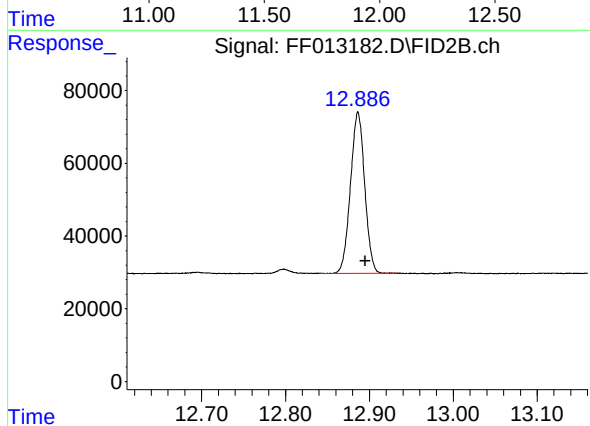
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.010 min
Response: 538979
Conc: 4.92 ug/ml



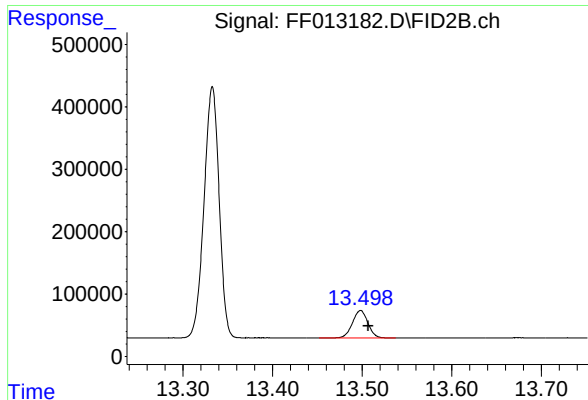
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.904 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

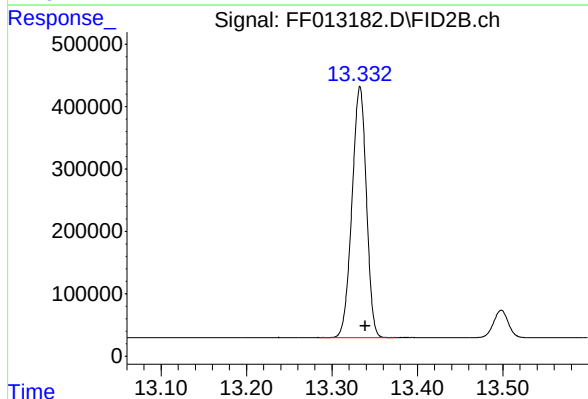
R.T.: 12.887 min
Delta R.T.: -0.009 min
Response: 521930
Conc: 4.76 ug/ml



#11 n-Heneicosane (C21)

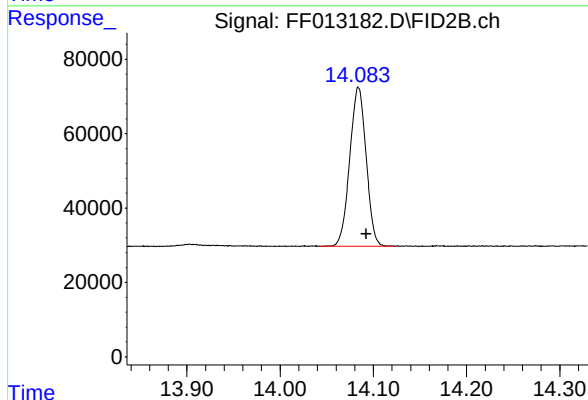
R.T.: 13.498 min
Delta R.T.: -0.008 min
Response: 524244
Conc: 4.77 ug/ml

Instrument :
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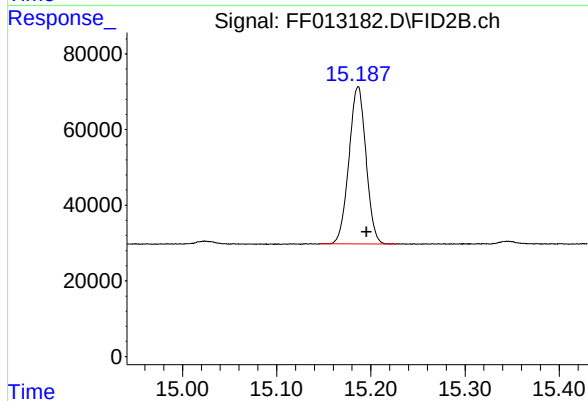
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.007 min
Response: 4709060
Conc: 44.94 ug/ml



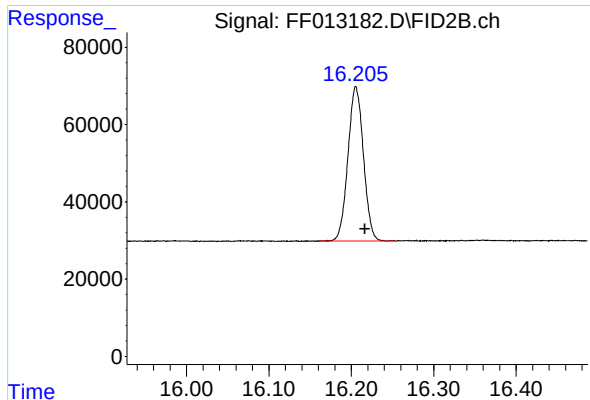
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.008 min
Response: 521526
Conc: 4.75 ug/ml



#14 n-Tetracosane (C24)

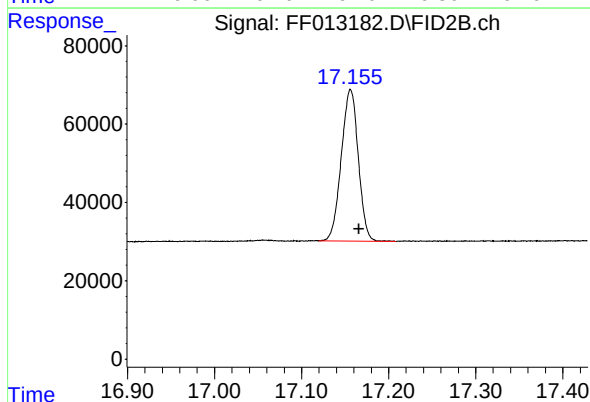
R.T.: 15.187 min
Delta R.T.: -0.009 min
Response: 522942
Conc: 4.76 ug/ml



#15 n-Hexacosane (C26)

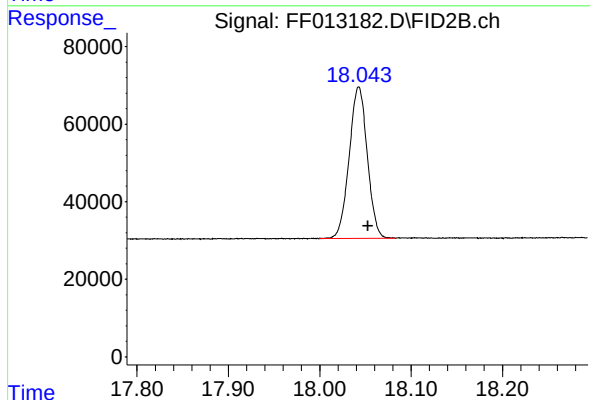
R.T.: 16.205 min
Delta R.T.: -0.011 min
Response: 521713
Conc: 4.77 ug/ml

Instrument :
FID_F
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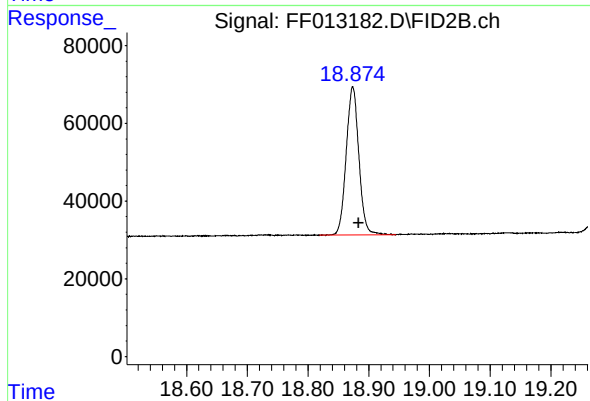
#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: -0.010 min
Response: 523807
Conc: 4.85 ug/ml



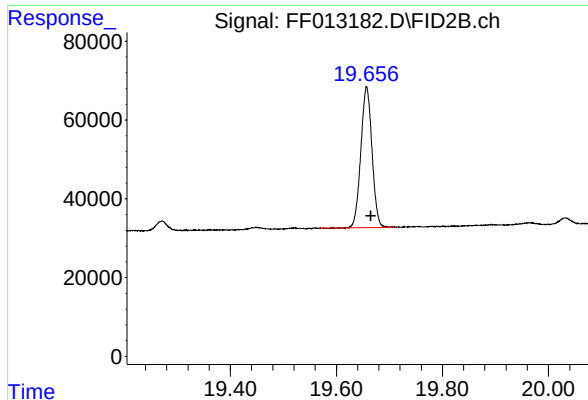
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 538869
Conc: 4.93 ug/ml



#18 n-Dotriacontane (C32)

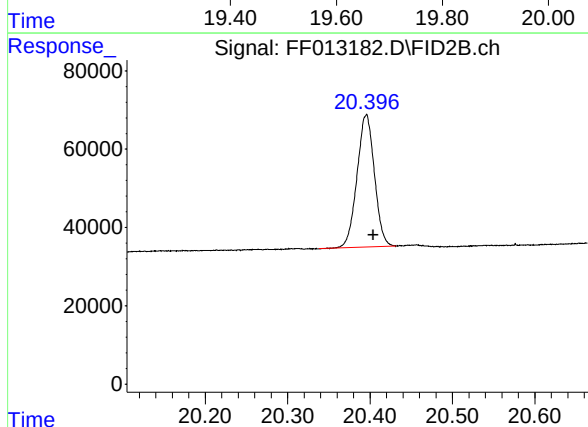
R.T.: 18.874 min
Delta R.T.: -0.010 min
Response: 552620
Conc: 4.89 ug/ml



#19 n-Tetratriacontane (C34)

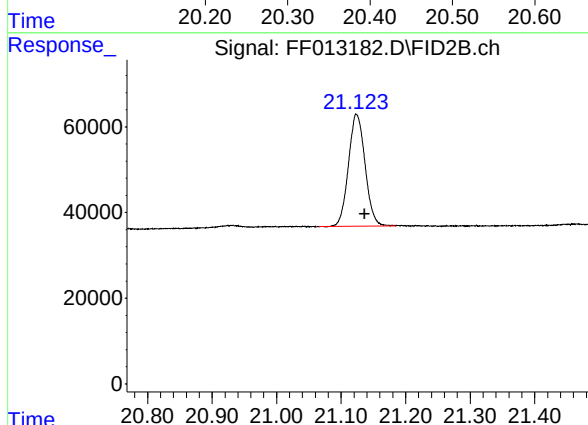
R.T.: 19.657 min
Delta R.T.: -0.008 min
Response: 522744
Conc: 4.92 ug/ml

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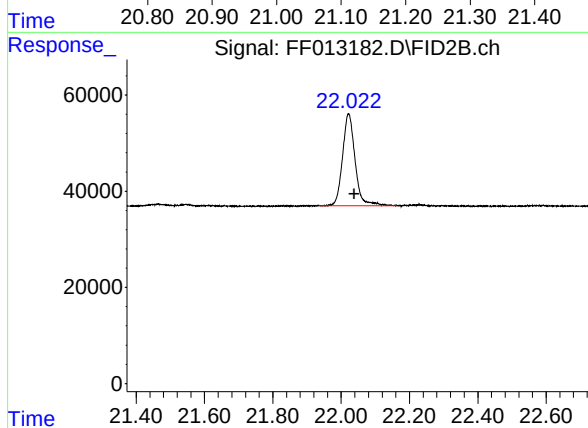
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: -0.008 min
Response: 497261
Conc: 4.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 467971
Conc: 4.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: -0.016 min
Response: 486012
Conc: 4.89 ug/ml