

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101424AL\
 Data File : FF014669.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2024 18:54
 Operator : YP\AJ
 Sample : P4368-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 02:11:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:50:54 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			
12) S 1-chlorooctadecane (S...	13.231	5526176	46.119 ug/ml
Spiked Amount 50.000		Recovery =	92.24%
Target Compounds			
1) T n-Nonane (C9)	3.194	326548	2.597 ug/ml
2) T n-Decane (C10)	4.441	406019	3.188 ug/mlm
4) T n-Dodecane (C12)	6.606	480877	3.727 ug/ml
6) T n-Tetradecane (C14)	8.432	481656	3.751 ug/ml
7) T n-Hexadecane (C16)	10.038	475043	3.610 ug/ml
8) T n-Octadecane (C18)	11.477	542720	3.940 ug/ml
10) T n-Eicosane (C20)	12.785	638139	4.590 ug/ml
11) T n-Heneicosane (C21)	13.396	622999	4.485 ug/ml
13) T n-Docosane (C22)	13.982	614823	4.375 ug/ml
14) T n-Tetracosane (C24)	15.085	578772	4.020 ug/ml
15) T n-Hexacosane (C26)	16.105	575345	3.961 ug/ml
16) T n-Octacosane (C28)	17.053	566719	3.832 ug/ml
17) T n-Tricontane (C30)	17.939	577094	3.697 ug/ml
18) T n-Dotriacontane (C32)	18.770	581518	3.795 ug/ml
19) T n-Tetratriacontane (C34)	19.554	524483	4.069 ug/ml
20) T n-Hexatriacontane (C36)	20.292	501140	4.841 ug/mlm
21) T n-Octatriacontane (C38)	21.010	413256	4.603 ug/mlm
22) T n-Tetracontane (C40)	21.878	164876	2.107 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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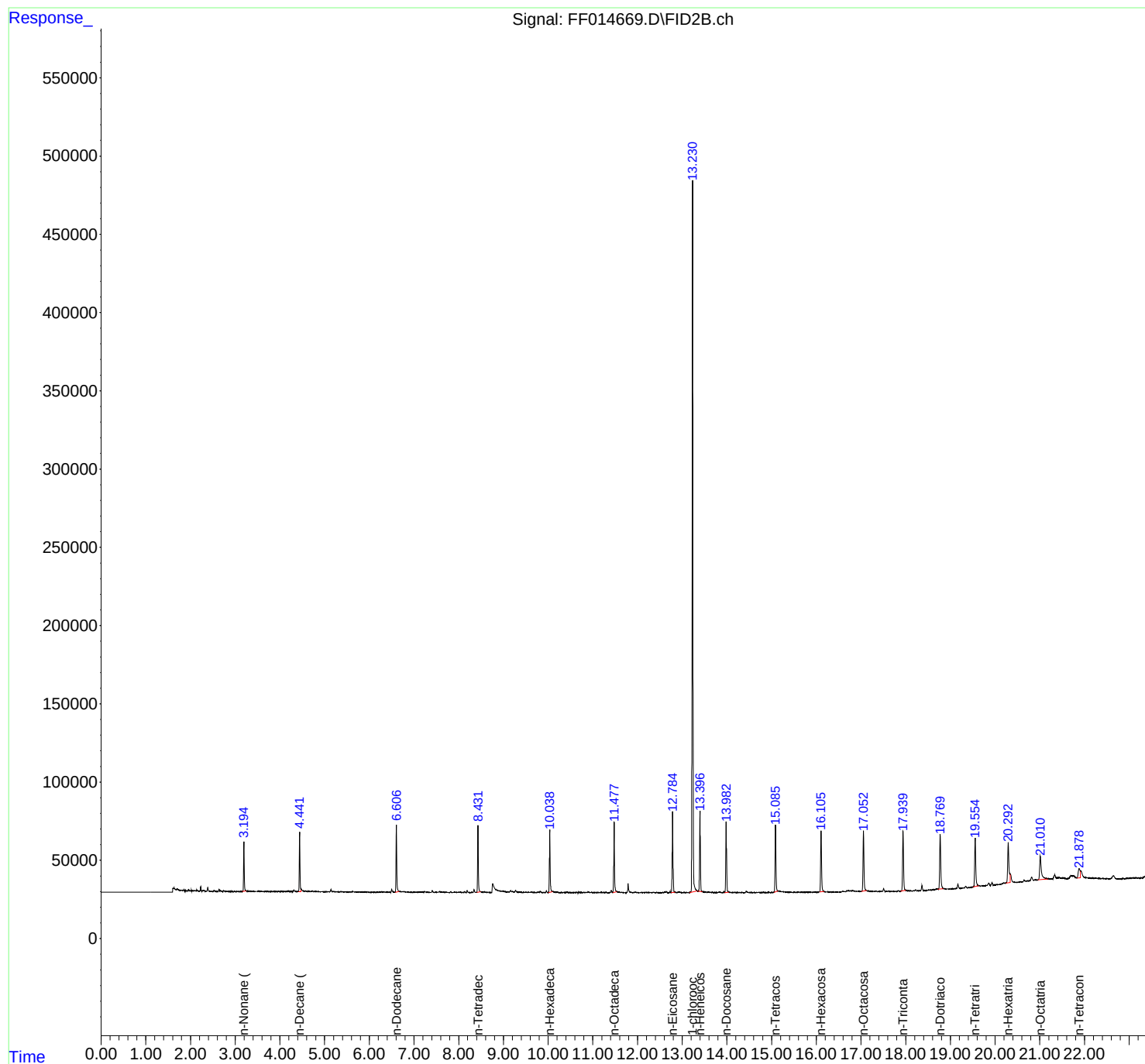
Instrument :
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LOQ-SOIL-02-QT4-2024

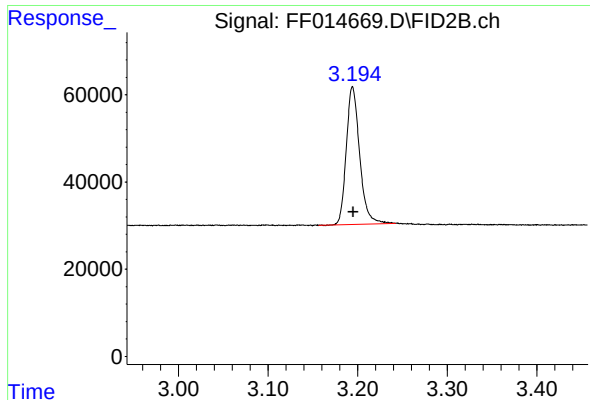
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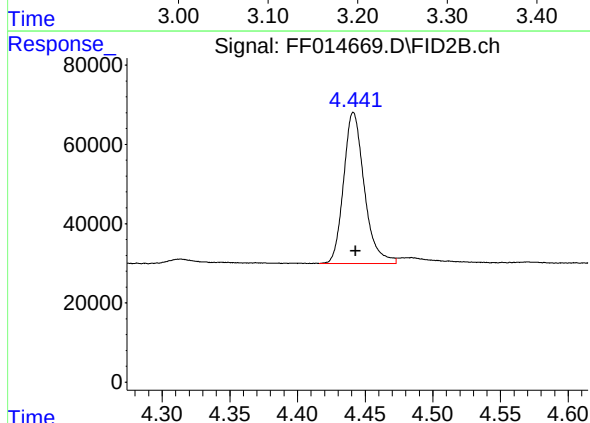
#1 n-Nonane (C9)

R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 326548
Conc: 2.60 ug/ml

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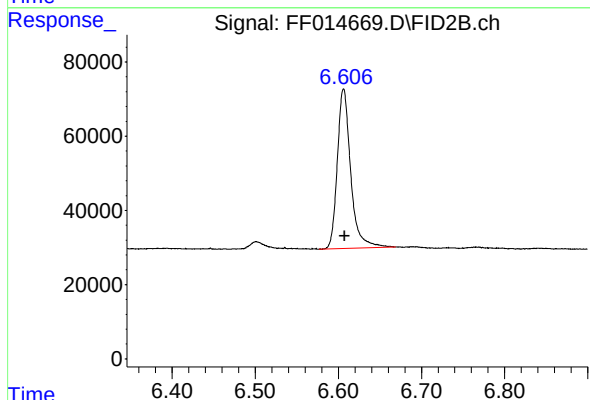
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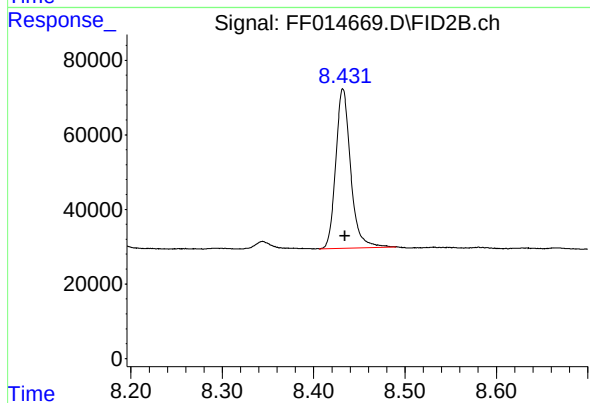
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: -0.002 min
Response: 406019
Conc: 3.19 ug/ml



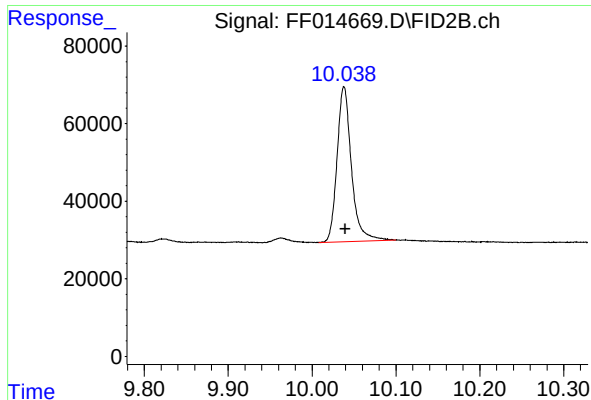
#4 n-Dodecane (C12)

R.T.: 6.606 min
Delta R.T.: -0.001 min
Response: 480877
Conc: 3.73 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.432 min
Delta R.T.: -0.002 min
Response: 481656
Conc: 3.75 ug/ml



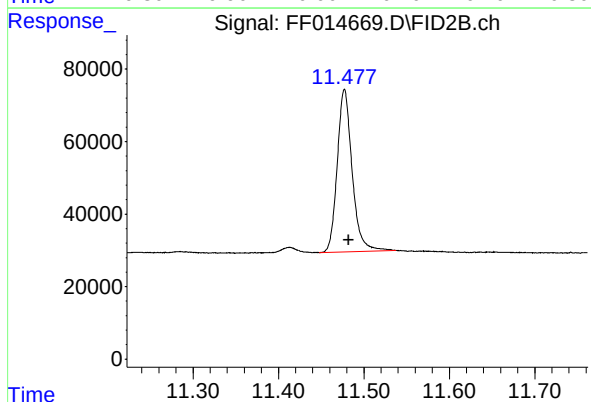
#7 n-Hexadecane (C16)

R.T.: 10.038 min
Delta R.T.: -0.002 min
Response: 475043
Conc: 3.61 ug/ml

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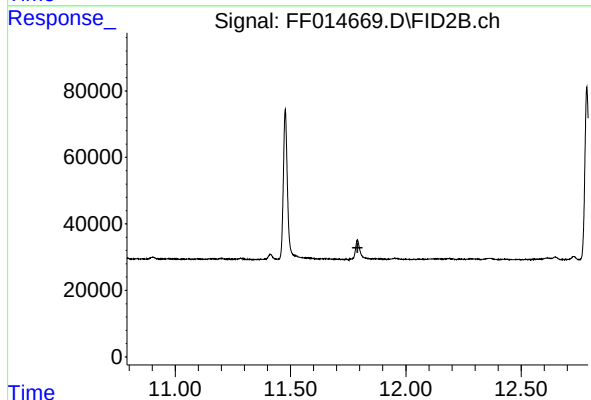
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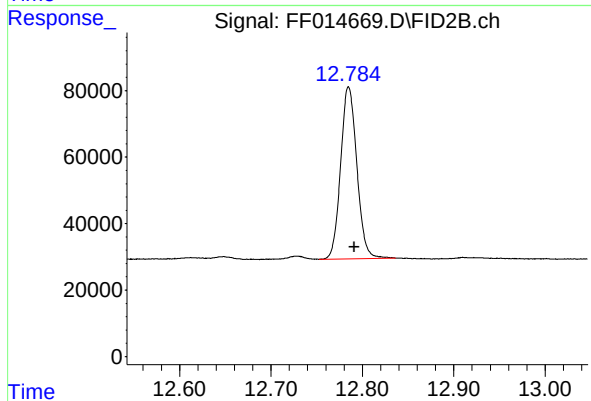
#8 n-Octadecane (C18)

R.T.: 11.477 min
Delta R.T.: -0.005 min
Response: 542720
Conc: 3.94 ug/ml



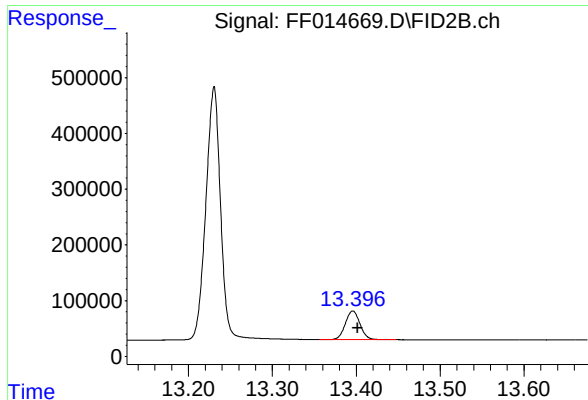
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.791 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.785 min
Delta R.T.: -0.006 min
Response: 638139
Conc: 4.59 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.396 min
Delta R.T.: -0.006 min
Response: 622999
Conc: 4.49 ug/ml

Instrument :

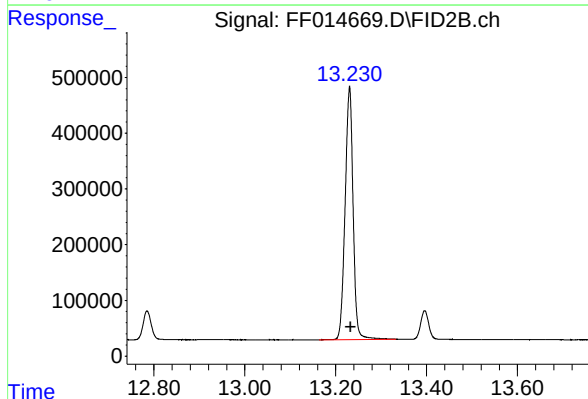
FID_F

ClientSampleId :

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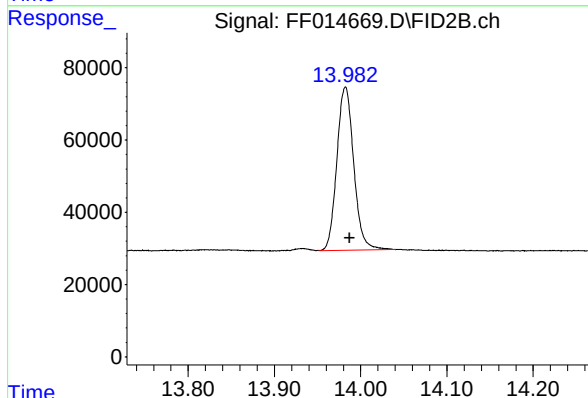
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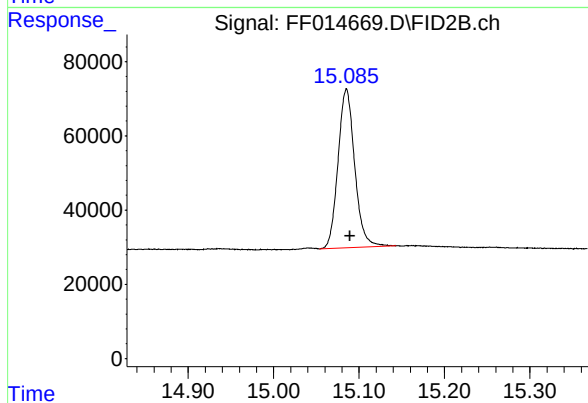
#12 1-chlorooctadecane (SURR)

R.T.: 13.231 min
Delta R.T.: -0.003 min
Response: 5526176
Conc: 46.12 ug/ml



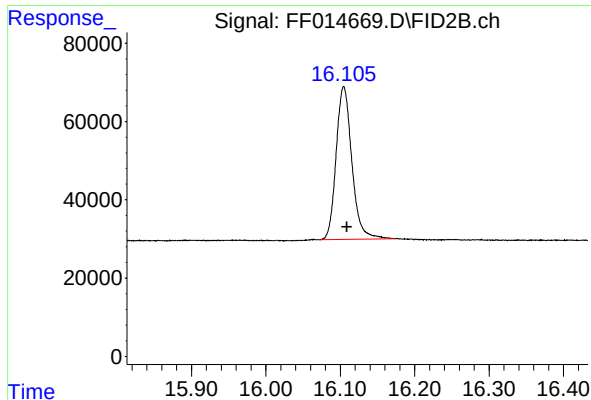
#13 n-Docosane (C22)

R.T.: 13.982 min
Delta R.T.: -0.005 min
Response: 614823
Conc: 4.38 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.085 min
Delta R.T.: -0.004 min
Response: 578772
Conc: 4.02 ug/ml



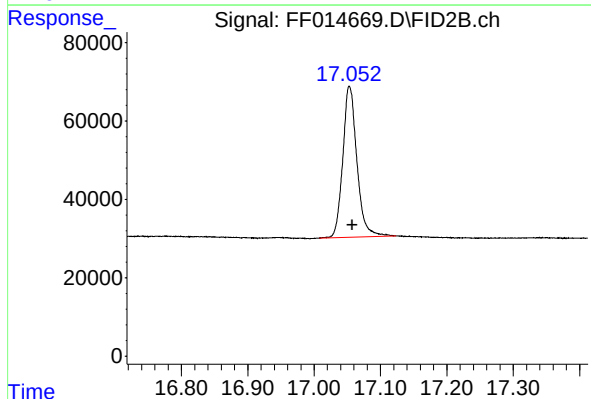
#15 n-Hexacosane (C26)

R.T.: 16.105 min
Delta R.T.: -0.004 min
Response: 575345
Conc: 3.96 ug/ml

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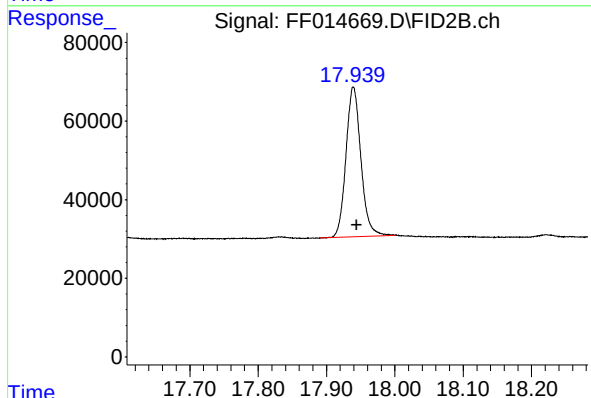
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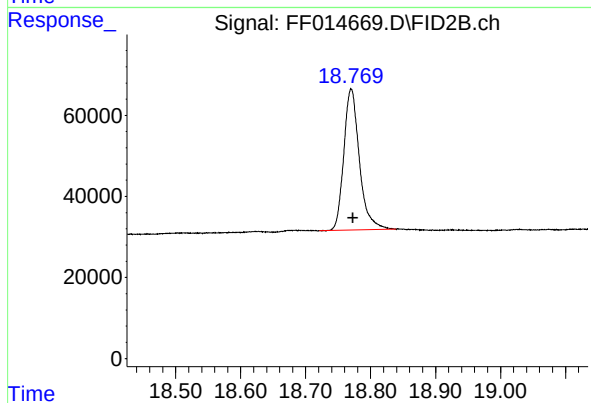
#16 n-Octacosane (C28)

R.T.: 17.053 min
Delta R.T.: -0.004 min
Response: 566719
Conc: 3.83 ug/ml



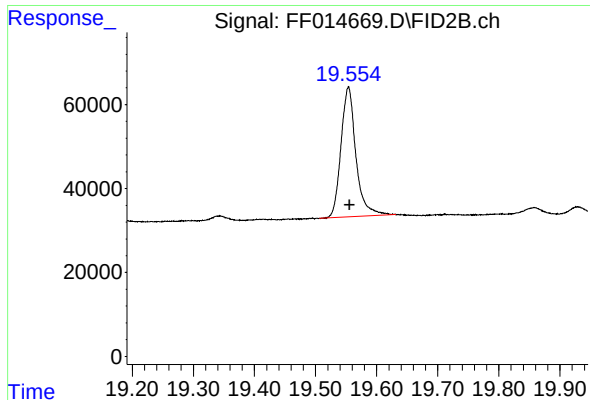
#17 n-Tricontane (C30)

R.T.: 17.939 min
Delta R.T.: -0.005 min
Response: 577094
Conc: 3.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.770 min
Delta R.T.: -0.003 min
Response: 581518
Conc: 3.80 ug/ml



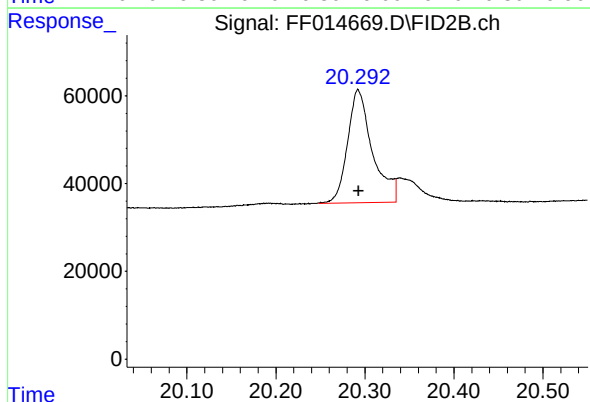
#19 n-Tetratriacontane (C34)

R.T.: 19.554 min
Delta R.T.: -0.001 min
Response: 524483
Conc: 4.07 ug/ml

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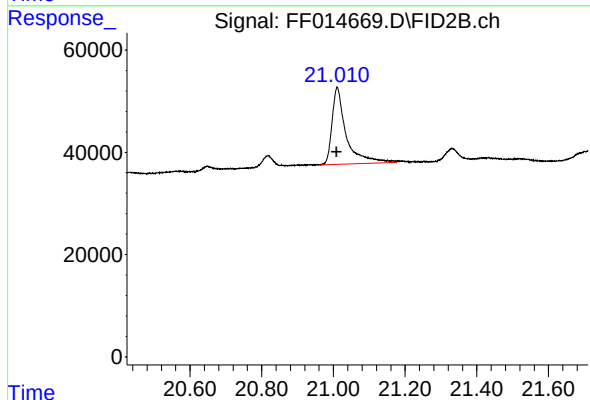
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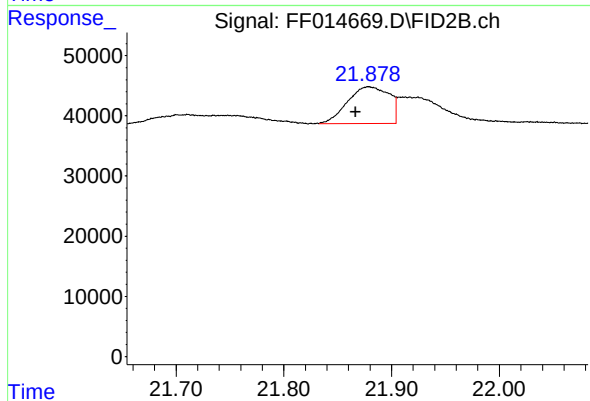
#20 n-Hexatriacontane (C36)

R.T.: 20.292 min
Delta R.T.: -0.001 min
Response: 501140
Conc: 4.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.010 min
Delta R.T.: 0.001 min
Response: 413256
Conc: 4.60 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.878 min
Delta R.T.: 0.012 min
Response: 164876
Conc: 2.11 ug/ml m