

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100923AL\
 Data File : FF013586.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 14:21
 Operator : YP\AJ
 Sample : 04699-07
 Misc : 4PPM WATER LOD
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 09 23:49:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 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...	13.315	4165485	34.757 ug/ml
Spiked Amount 50.000		Recovery =	69.51%
Target Compounds			
1) T n-Nonane (C9)	3.271	306890	2.412 ug/ml
2) T n-Decane (C10)	4.521	379378	2.935 ug/ml
4) T n-Dodecane (C12)	6.684	454294	3.499 ug/ml
6) T n-Tetradecane (C14)	8.509	426825	3.352 ug/ml
7) T n-Hexadecane (C16)	10.116	432373	3.274 ug/ml
8) T n-Octadecane (C18)	11.559	465276	3.400 ug/ml
10) T n-Eicosane (C20)	12.868	529483	3.890 ug/ml
11) T n-Heneicosane (C21)	13.481	502626	3.729 ug/ml
13) T n-Docosane (C22)	14.067	509906	3.782 ug/ml
14) T n-Tetracosane (C24)	15.171	521169	3.815 ug/ml
15) T n-Hexacosane (C26)	16.192	518790	3.811 ug/ml
16) T n-Octacosane (C28)	17.142	533591	3.990 ug/ml
17) T n-Tricontane (C30)	18.030	561323	4.052 ug/ml
18) T n-Dotriacontane (C32)	18.862	571698	4.161 ug/ml
19) T n-Tetratriacontane (C34)	19.645	511733	3.951 ug/ml
20) T n-Hexatriacontane (C36)	20.384	524493	4.206 ug/mlm
21) T n-Octatriacontane (C38)	21.112	422261	3.594 ug/ml
22) T n-Tetracontane (C40)	22.000	423882	3.685 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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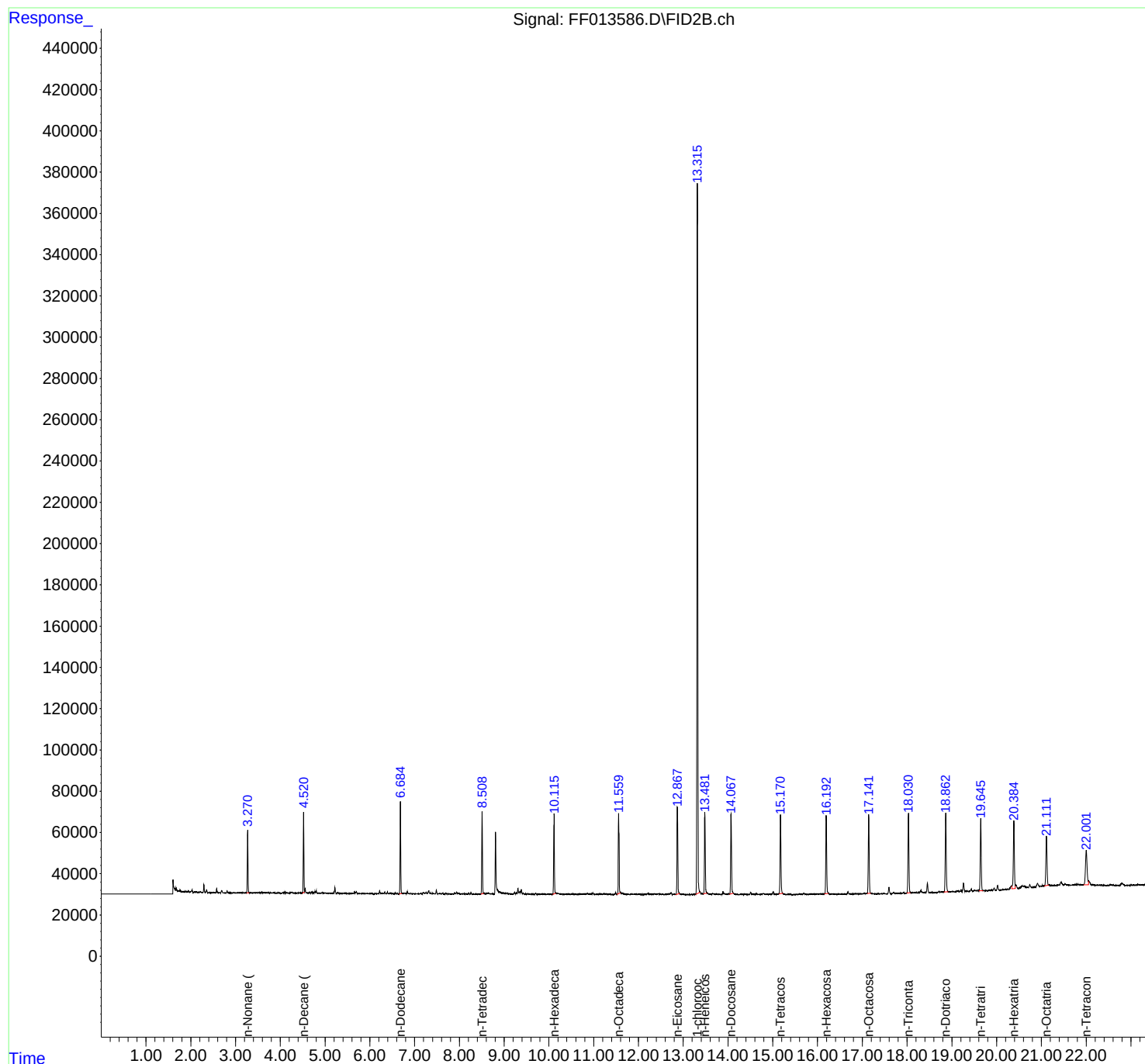
Instrument :
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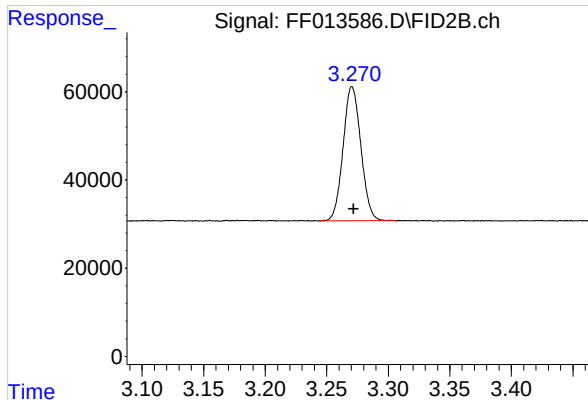
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#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.001 min
Response: 306890
Conc: 2.41 ug/ml

Instrument :

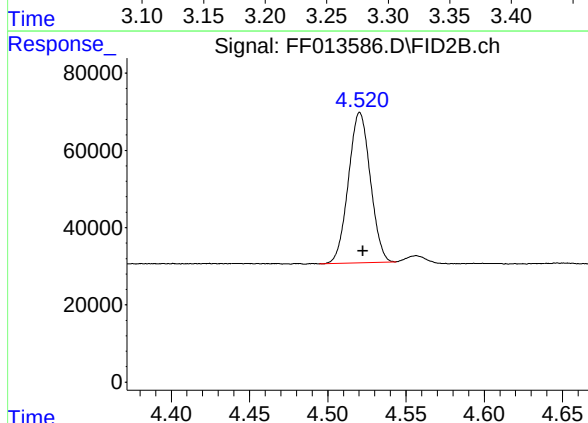
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ClientSampleId :

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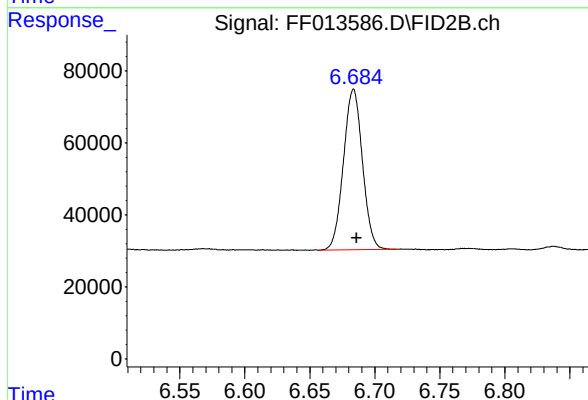
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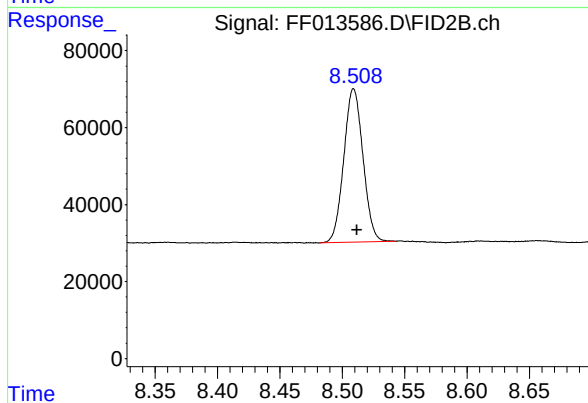
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 379378
Conc: 2.94 ug/ml



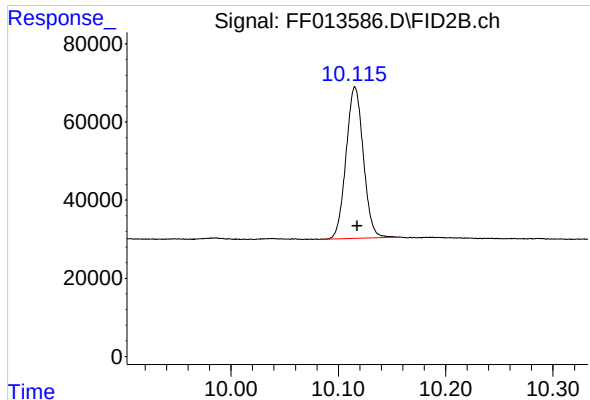
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 454294
Conc: 3.50 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.003 min
Response: 426825
Conc: 3.35 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.002 min
Response: 432373
Conc: 3.27 ug/ml

Instrument :

FID_F

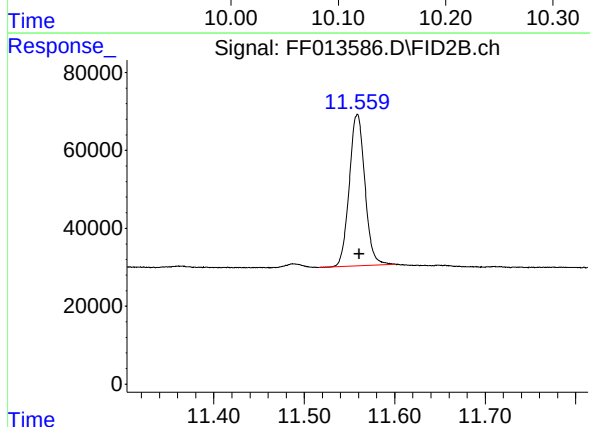
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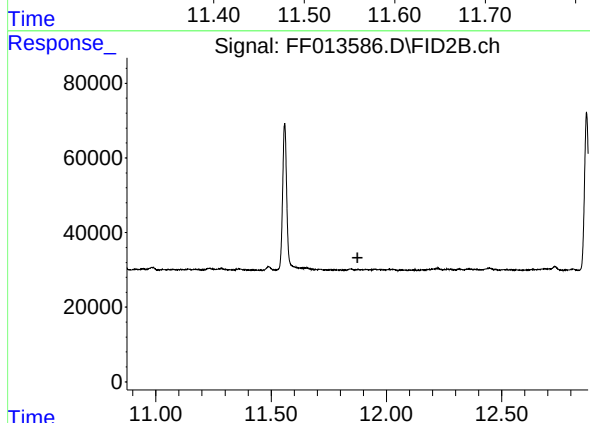
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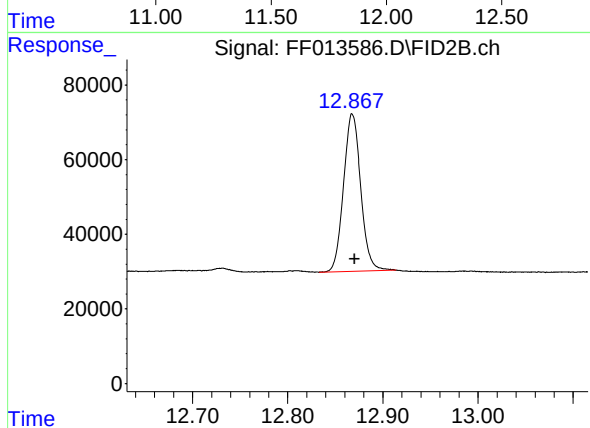
#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 465276
Conc: 3.40 ug/ml



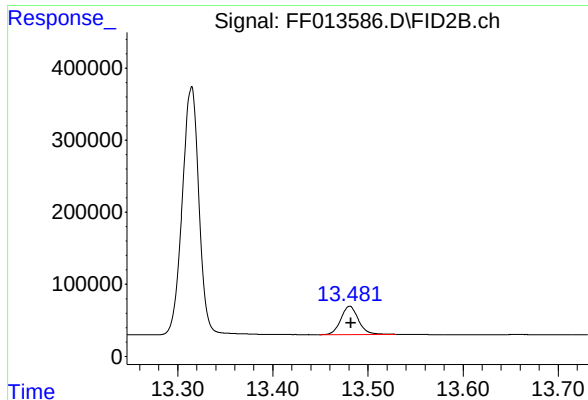
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.875 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.002 min
Response: 529483
Conc: 3.89 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.001 min
Response: 502626
Conc: 3.73 ug/ml

Instrument :

FID_F

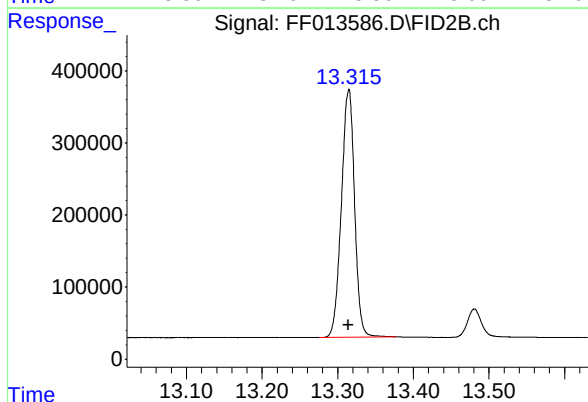
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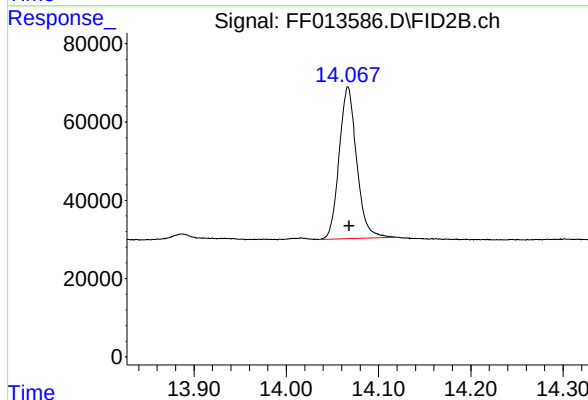
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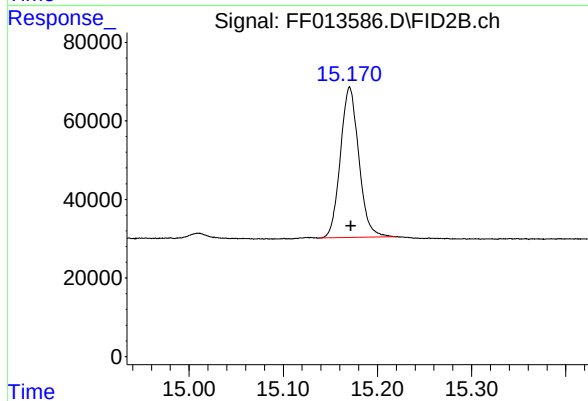
#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: 0.000 min
Response: 4165485
Conc: 34.76 ug/ml



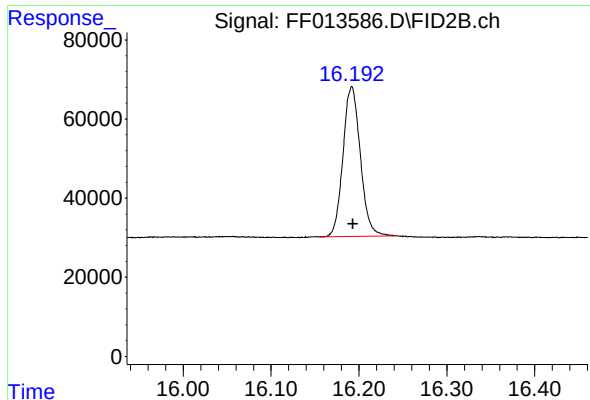
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.002 min
Response: 509906
Conc: 3.78 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.001 min
Response: 521169
Conc: 3.81 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.002 min
Response: 518790
Conc: 3.81 ug/ml

Instrument :

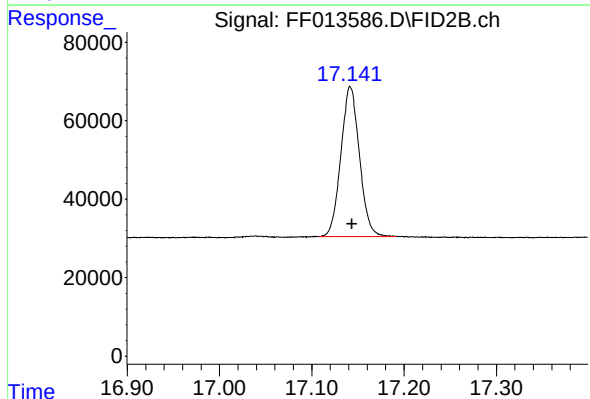
FID_F

ClientSampleId :

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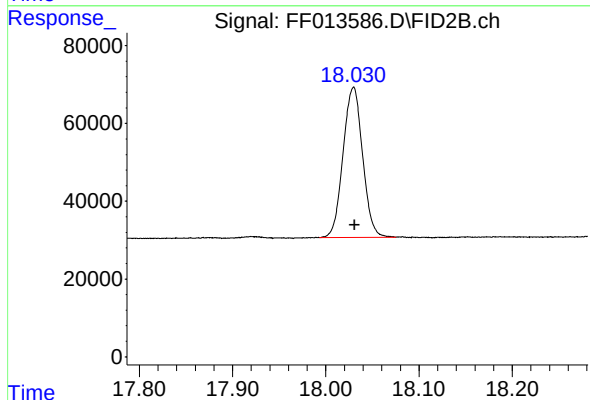
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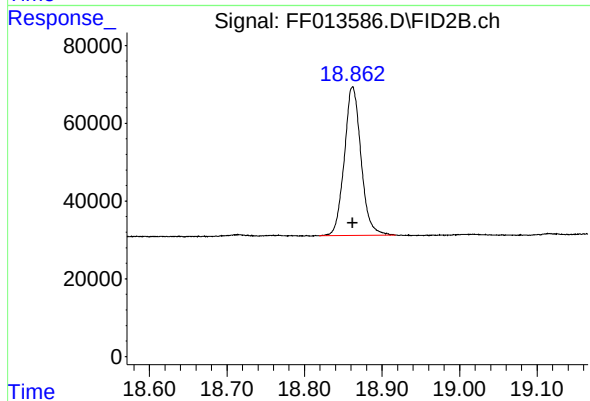
#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: -0.002 min
Response: 533591
Conc: 3.99 ug/ml



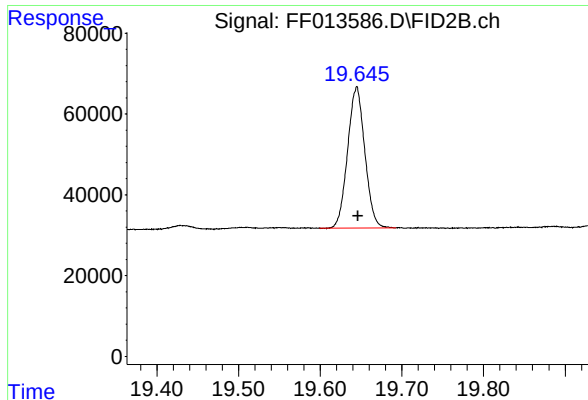
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: -0.001 min
Response: 561323
Conc: 4.05 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 571698
Conc: 4.16 ug/ml



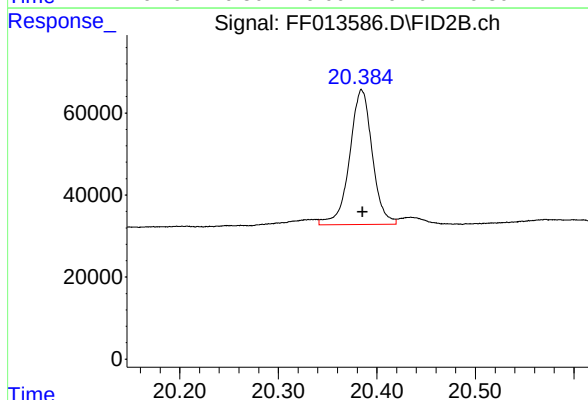
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: -0.002 min
Response: 511733
Conc: 3.95 ug/ml

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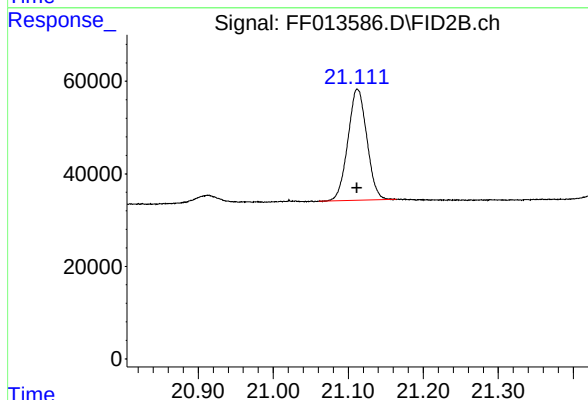
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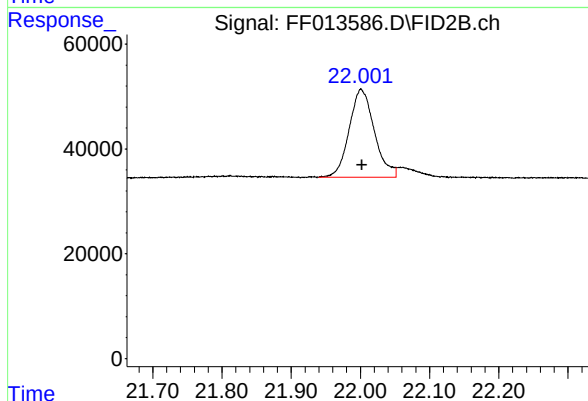
#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: -0.002 min
Response: 524493
Conc: 4.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 422261
Conc: 3.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.002 min
Response: 423882
Conc: 3.69 ug/ml m