

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100923AL\
 Data File : FF013581.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 11:52
 Operator : YP\AJ
 Sample : 04699-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-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 23:49:09 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	4171212	34.805 ug/ml
Spiked Amount 50.000		Recovery =	69.61%
Target Compounds			
1) T n-Nonane (C9)	3.272	310390	2.440 ug/ml
2) T n-Decane (C10)	4.520	389568	3.014 ug/mlm
4) T n-Dodecane (C12)	6.684	460511	3.547 ug/ml
6) T n-Tetradecane (C14)	8.510	432033	3.393 ug/ml
7) T n-Hexadecane (C16)	10.116	436090	3.302 ug/ml
8) T n-Octadecane (C18)	11.558	468859	3.426 ug/ml
10) T n-Eicosane (C20)	12.869	530349	3.896 ug/ml
11) T n-Heneicosane (C21)	13.481	503221	3.733 ug/ml
13) T n-Docosane (C22)	14.067	506758	3.758 ug/ml
14) T n-Tetracosane (C24)	15.171	517850	3.790 ug/ml
15) T n-Hexacosane (C26)	16.192	510205	3.748 ug/ml
16) T n-Octacosane (C28)	17.140	516404	3.862 ug/ml
17) T n-Tricontane (C30)	18.029	532906	3.847 ug/ml
18) T n-Dotriacontane (C32)	18.863	587525	4.277 ug/ml
19) T n-Tetratriacontane (C34)	19.644	491595	3.796 ug/ml
20) T n-Hexatriacontane (C36)	20.383	471592	3.782 ug/mlm
21) T n-Octatriacontane (C38)	21.112	421000	3.583 ug/ml
22) T n-Tetracontane (C40)	22.000	412633	3.587 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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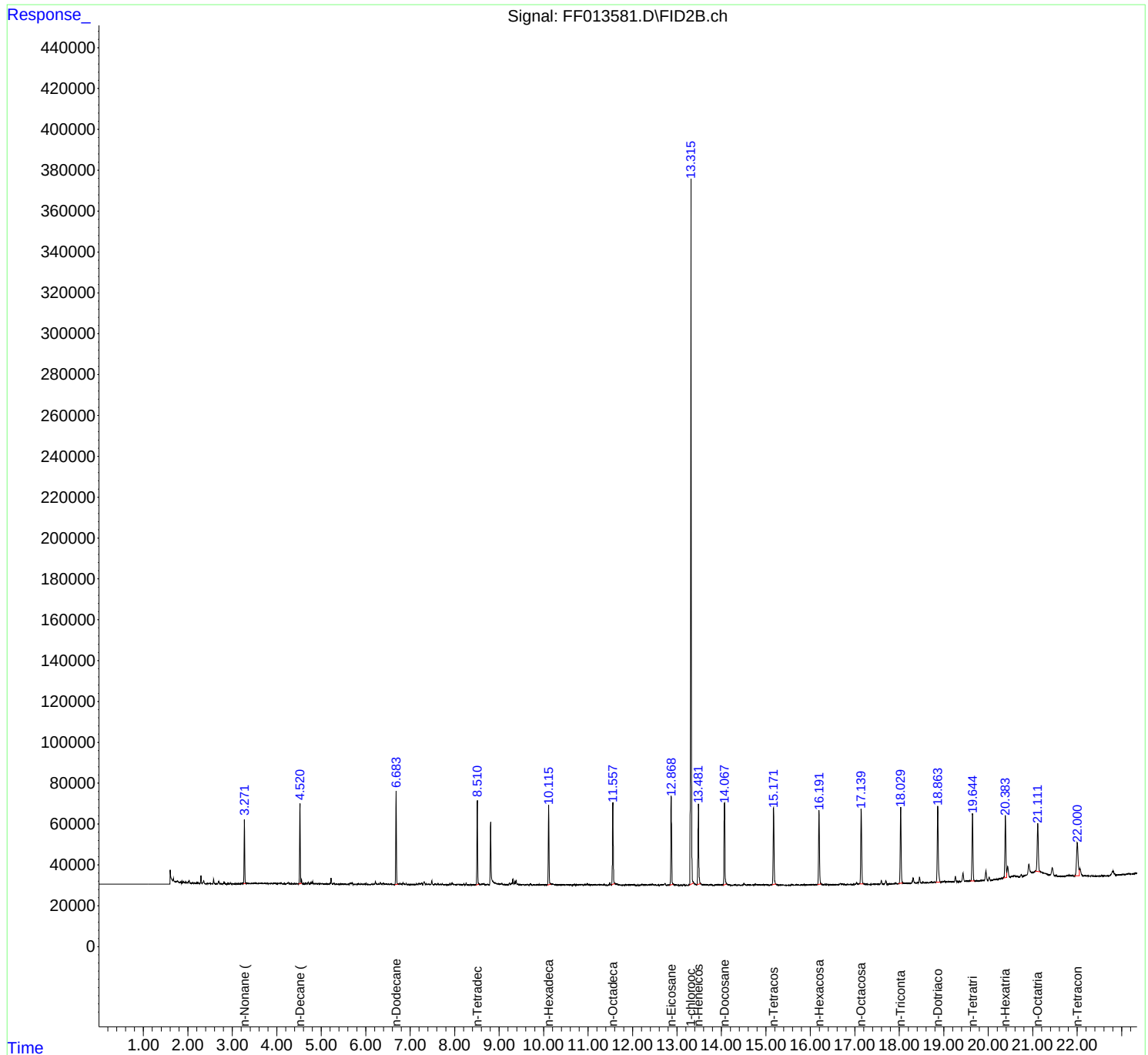
Instrument :
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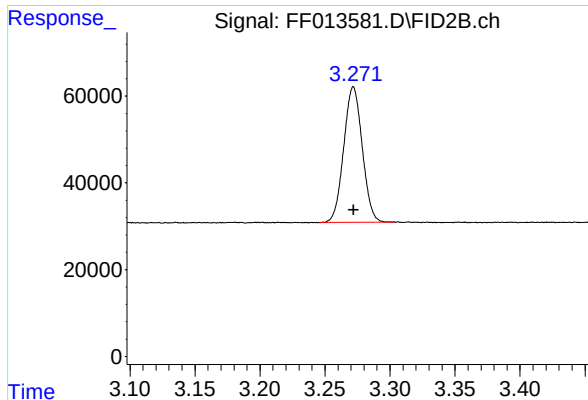
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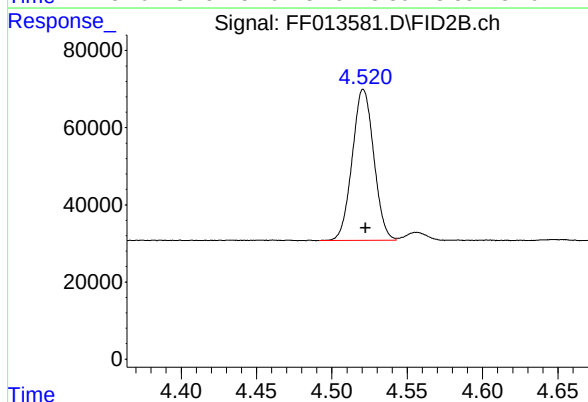
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 310390
Conc: 2.44 ug/ml

Instrument :
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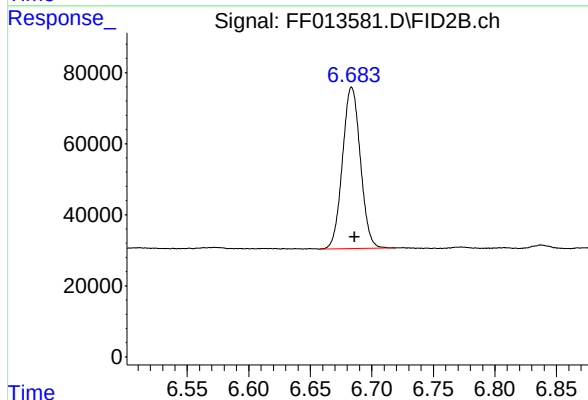
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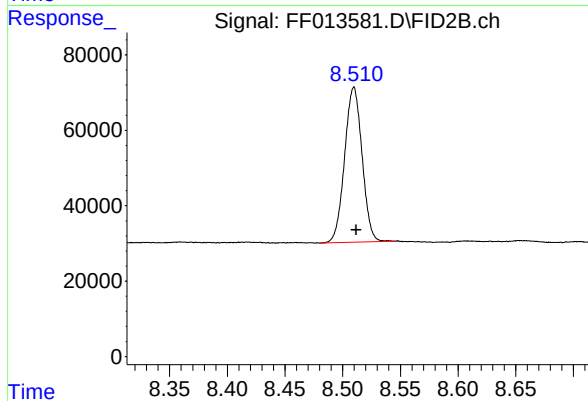
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.002 min
Response: 389568
Conc: 3.01 ug/ml m



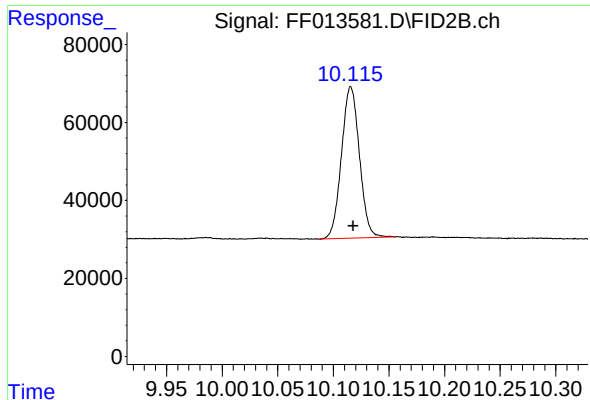
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 460511
Conc: 3.55 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.002 min
Response: 432033
Conc: 3.39 ug/ml



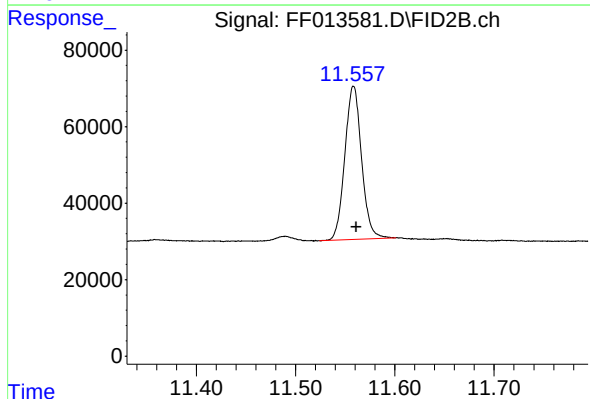
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.002 min
Response: 436090
Conc: 3.30 ug/ml

Instrument : FID_F
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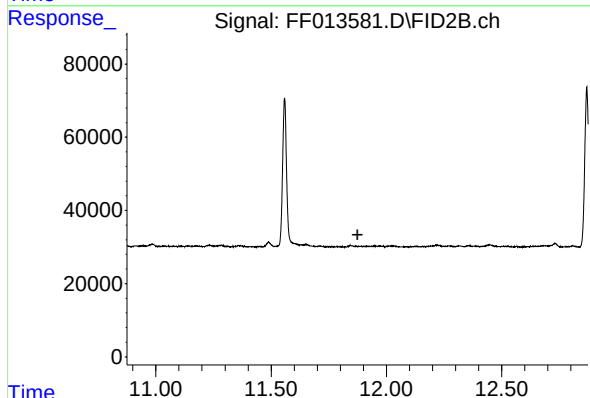
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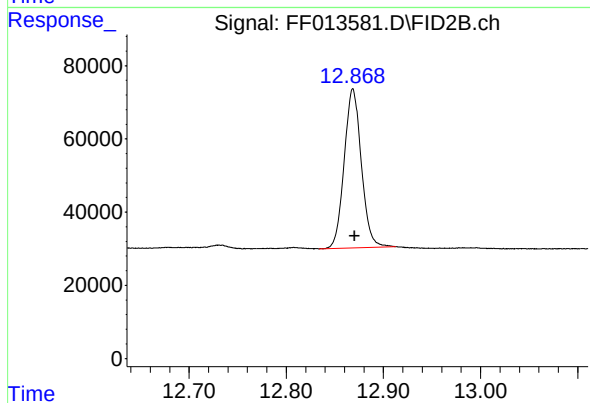
#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: -0.003 min
Response: 468859
Conc: 3.43 ug/ml



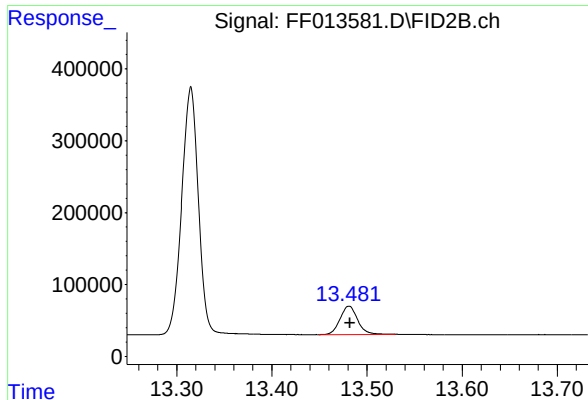
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.002 min
Response: 530349
Conc: 3.90 ug/ml



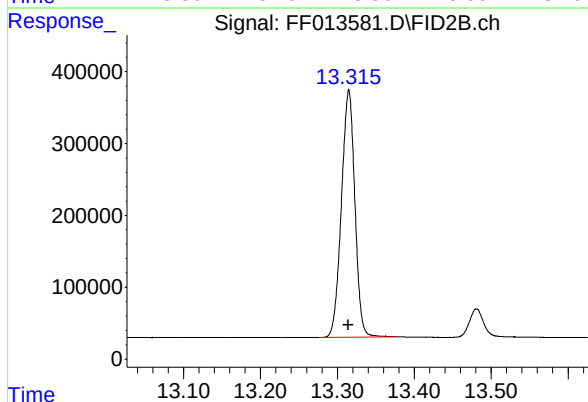
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.001 min
Response: 503221
Conc: 3.73 ug/ml

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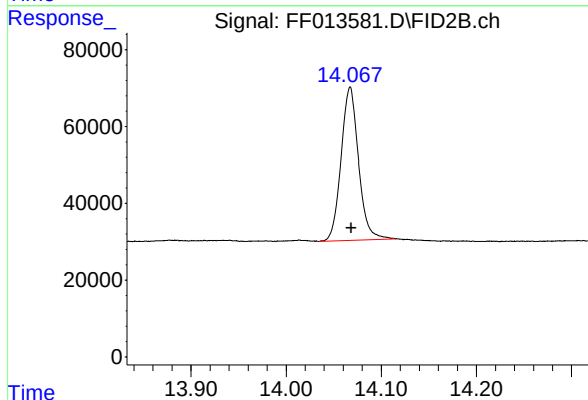
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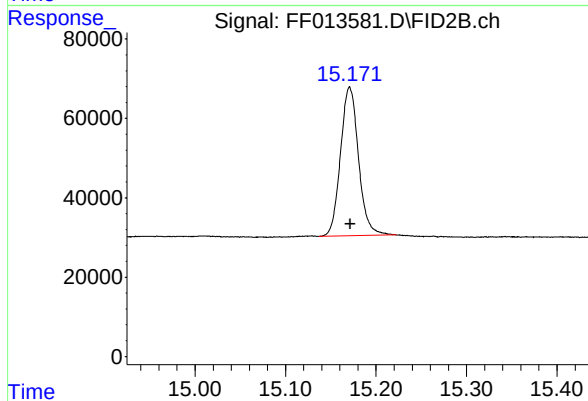
#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: 0.000 min
Response: 4171212
Conc: 34.80 ug/ml



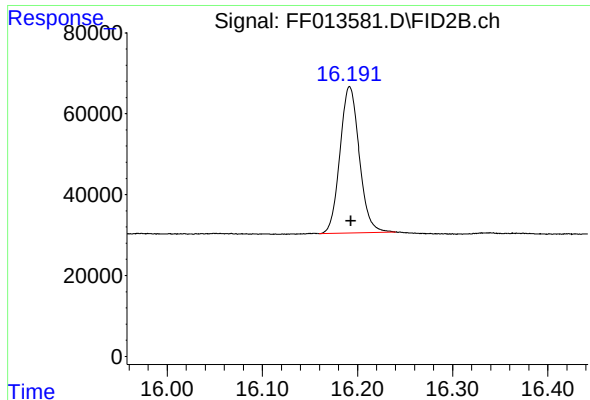
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.001 min
Response: 506758
Conc: 3.76 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.001 min
Response: 517850
Conc: 3.79 ug/ml



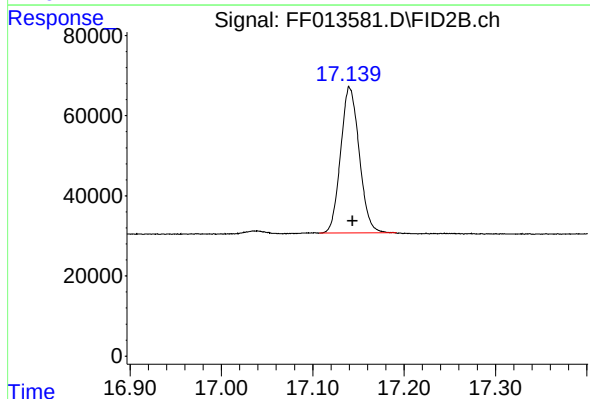
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.002 min
Response: 510205
Conc: 3.75 ug/ml

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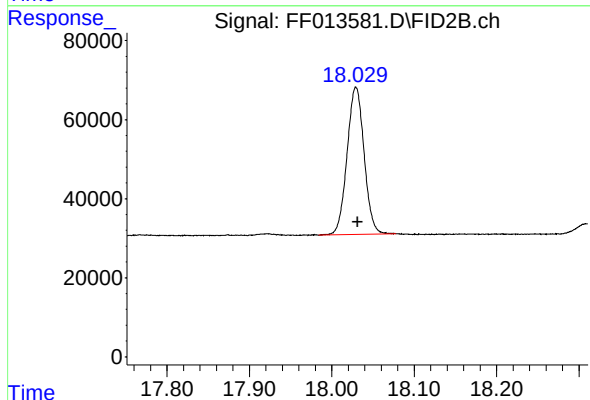
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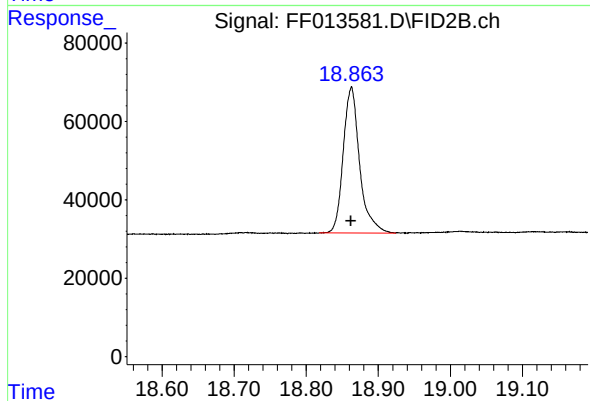
#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: -0.003 min
Response: 516404
Conc: 3.86 ug/ml



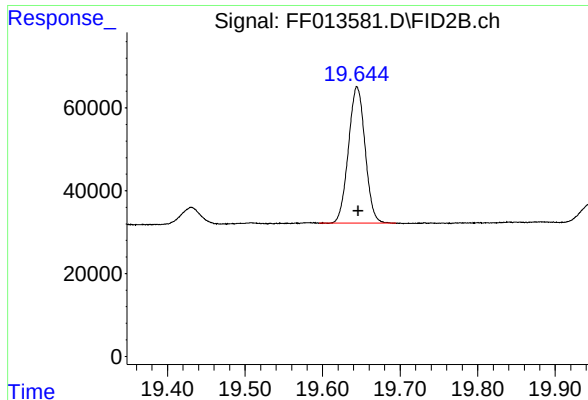
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: -0.002 min
Response: 532906
Conc: 3.85 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.000 min
Response: 587525
Conc: 4.28 ug/ml



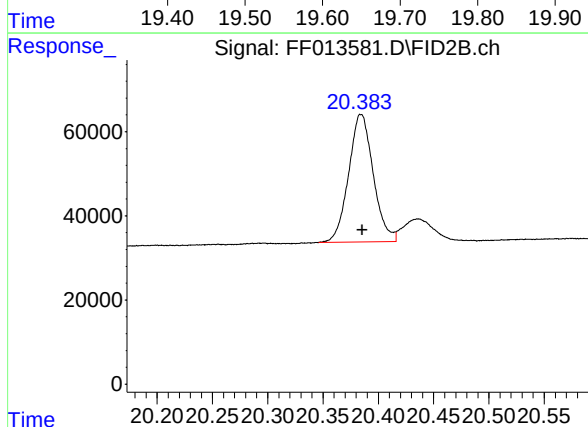
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: -0.002 min
Response: 491595
Conc: 3.80 ug/ml

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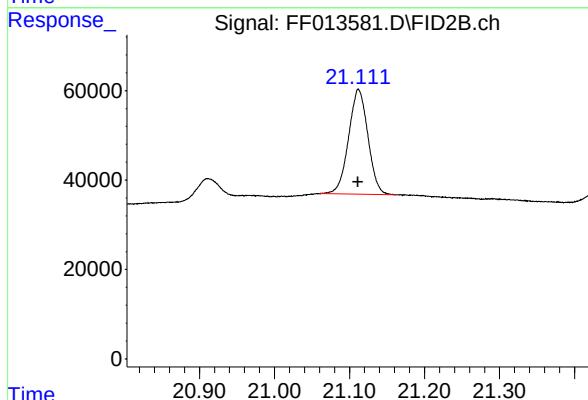
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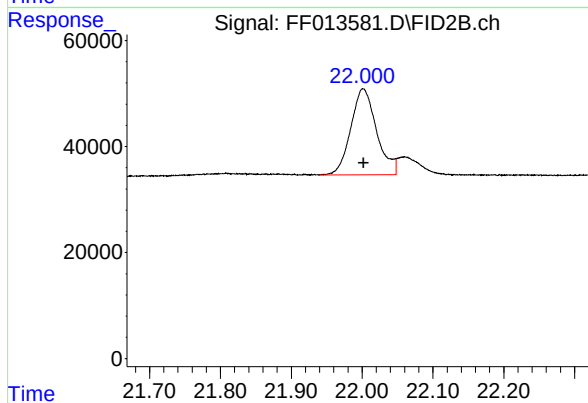
#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: -0.003 min
Response: 471592
Conc: 3.78 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 421000
Conc: 3.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.002 min
Response: 412633
Conc: 3.59 ug/ml m