

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013180.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 16:11
 Operator : YP\AJ
 Sample : 03572-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 23:04:43 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...	13.334	5145221	49.099 ug/ml
Spiked Amount 50.000		Recovery =	98.20%
Target Compounds			
1) T n-Nonane (C9)	3.286	262808	2.460 ug/ml
2) T n-Decane (C10)	4.540	256391	2.392 ug/ml
4) T n-Dodecane (C12)	6.702	265203	2.451 ug/ml
6) T n-Tetradecane (C14)	8.527	271643	2.517 ug/ml
7) T n-Hexadecane (C16)	10.134	271699	2.506 ug/ml
8) T n-Octadecane (C18)	11.577	289714	2.646 ug/ml
10) T n-Eicosane (C20)	12.886	287504	2.620 ug/ml
11) T n-Heneicosane (C21)	13.498	278060	2.531 ug/ml
13) T n-Docosane (C22)	14.084	308626	2.811 ug/ml
14) T n-Tetracosane (C24)	15.186	357064	3.250 ug/ml
15) T n-Hexacosane (C26)	16.207	397282	3.635 ug/ml
16) T n-Octacosane (C28)	17.156	445750	4.128 ug/ml
17) T n-Tricontane (C30)	18.040	500392	4.576 ug/mlm
18) T n-Dotriacontane (C32)	18.874	492009	4.356 ug/ml
19) T n-Tetratriacontane (C34)	19.656	381522	3.592 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	318280	3.020 ug/mlm
21) T n-Octatriacontane (C38)	21.125	268913	2.663 ug/ml
22) T n-Tetracontane (C40)	22.019	257532	2.591 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

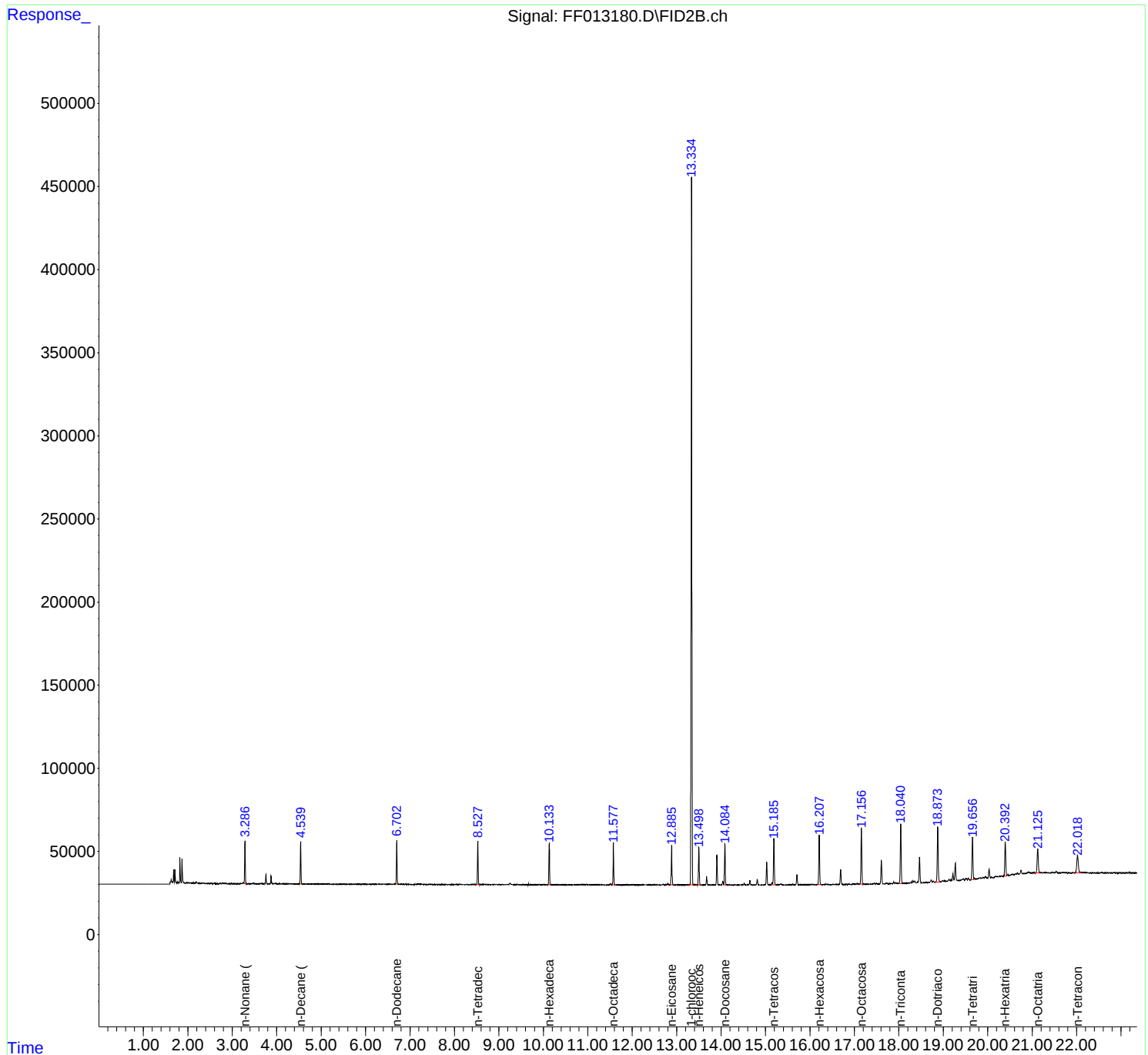
Instrument :
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LOD-MDL-SOIL-01-QT3-2023

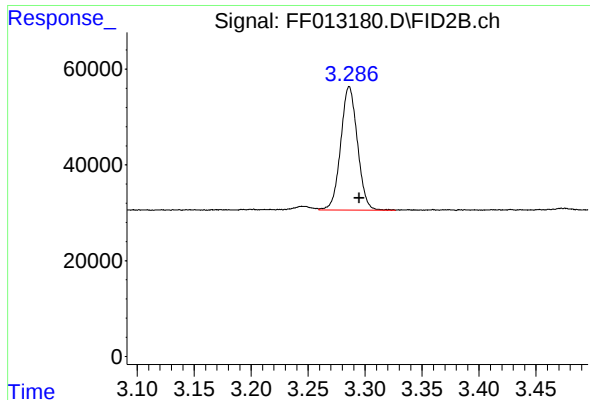
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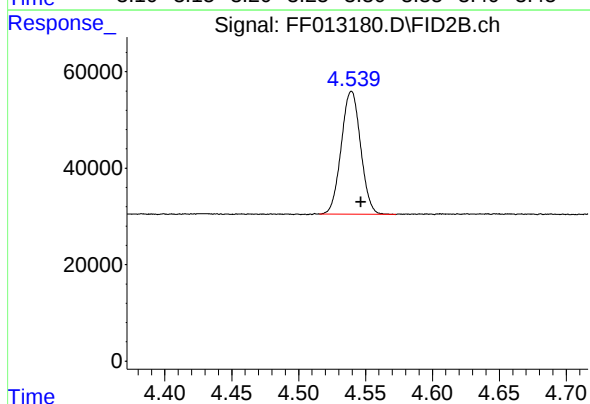
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.009 min
Response: 262808
Conc: 2.46 ug/ml

Instrument : FID_F
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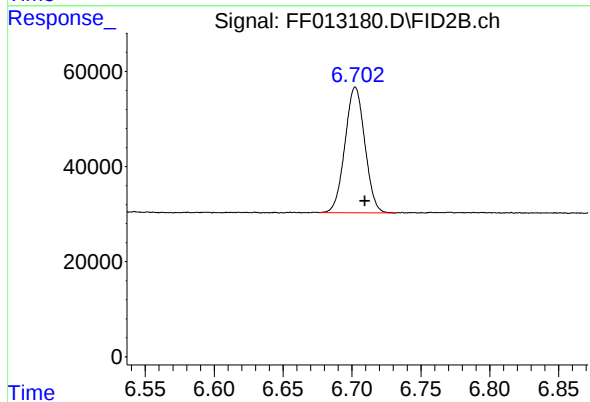
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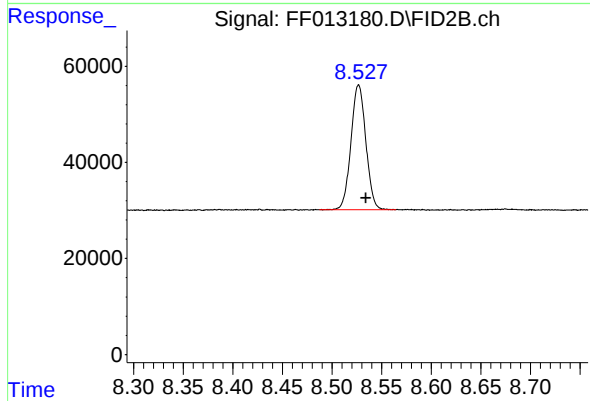
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.007 min
Response: 256391
Conc: 2.39 ug/ml



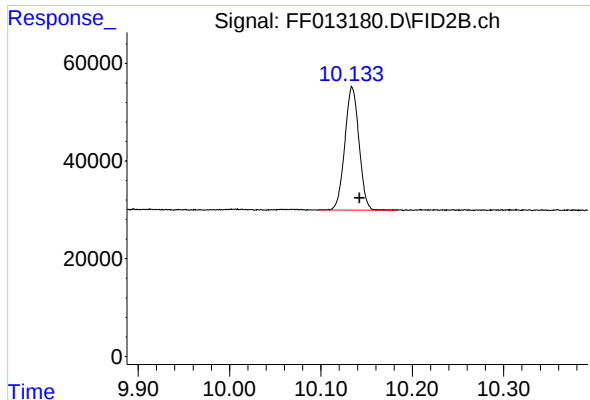
#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 265203
Conc: 2.45 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.007 min
Response: 271643
Conc: 2.52 ug/ml



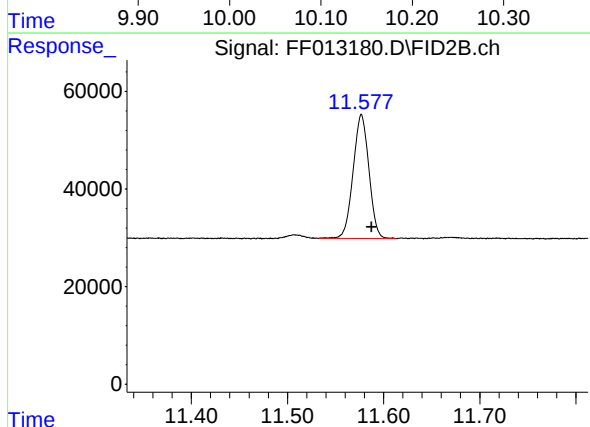
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.008 min
Response: 271699
Conc: 2.51 ug/ml

Instrument :
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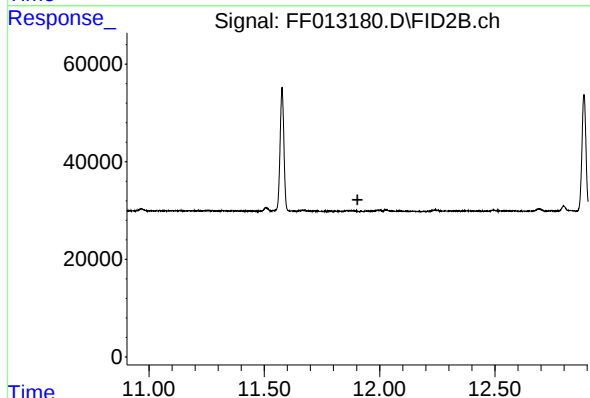
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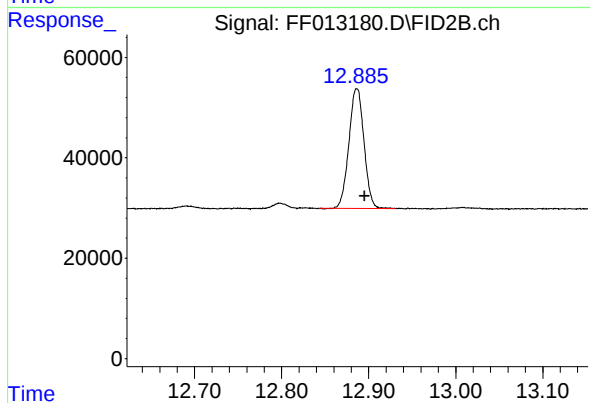
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.011 min
Response: 289714
Conc: 2.65 ug/ml



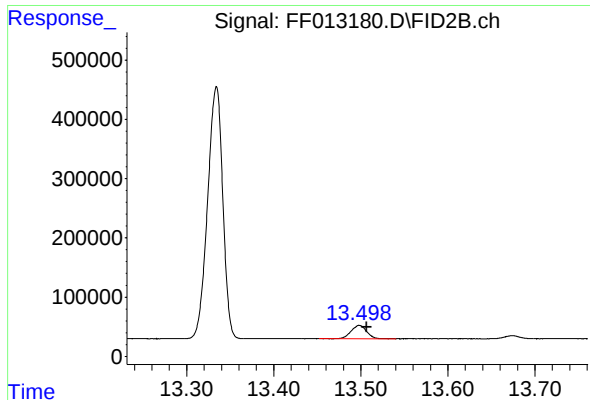
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.009 min
Response: 287504
Conc: 2.62 ug/ml



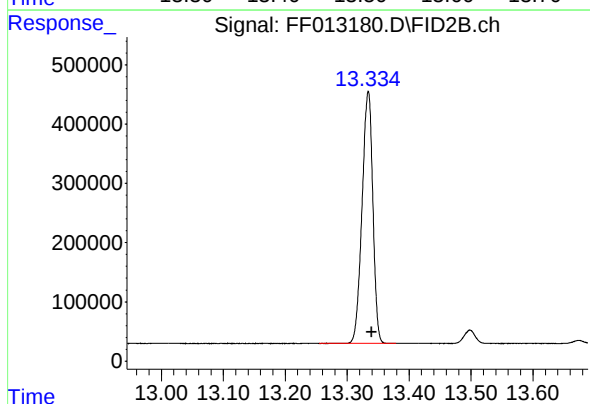
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.008 min
Response: 278060
Conc: 2.53 ug/ml

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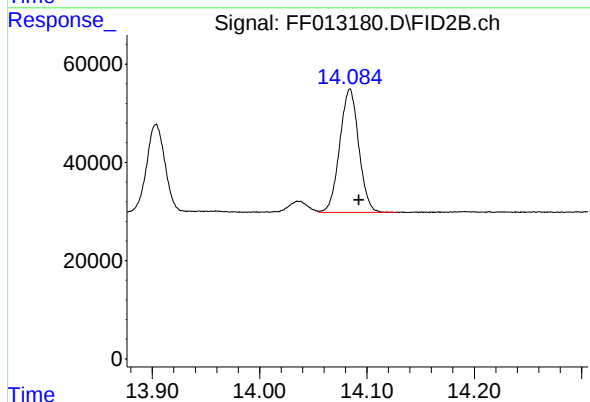
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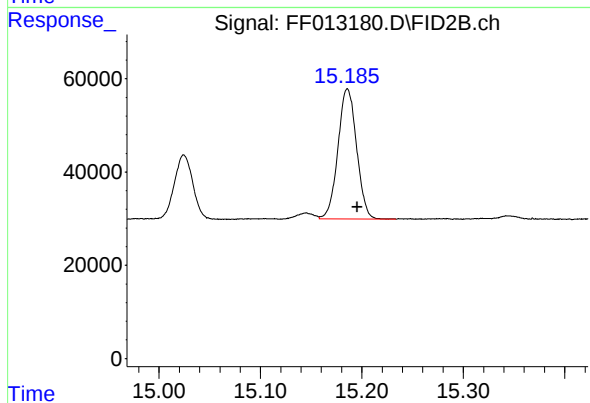
#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.005 min
Response: 5145221
Conc: 49.10 ug/ml



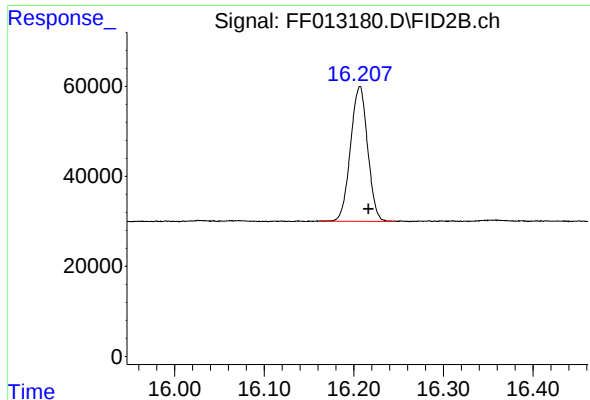
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.008 min
Response: 308626
Conc: 2.81 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 357064
Conc: 3.25 ug/ml



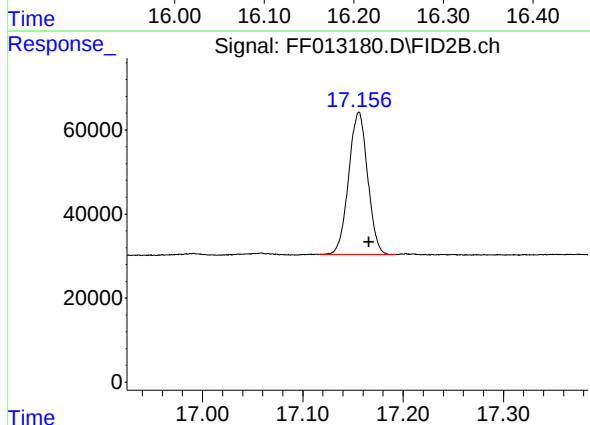
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.010 min
Response: 397282
Conc: 3.64 ug/ml

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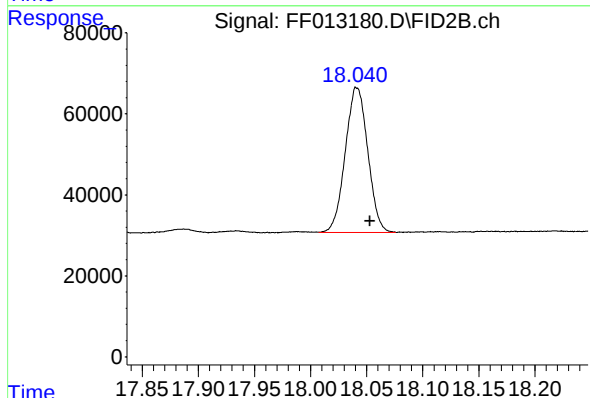
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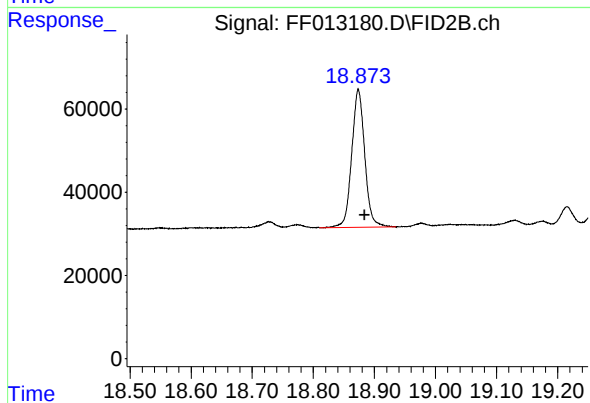
#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: -0.010 min
Response: 445750
Conc: 4.13 ug/ml



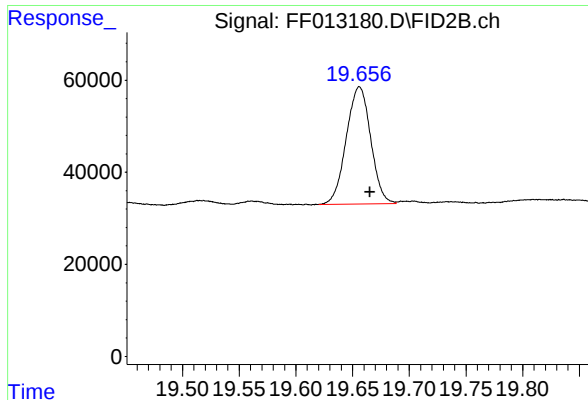
#17 n-Tricontane (C30)

R.T.: 18.040 min
Delta R.T.: -0.013 min
Response: 500392
Conc: 4.58 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.010 min
Response: 492009
Conc: 4.36 ug/ml



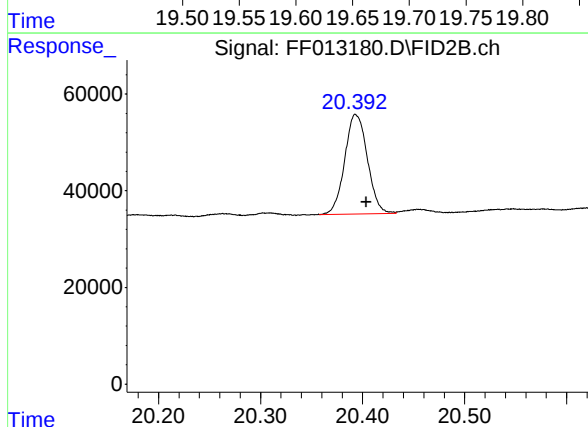
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.010 min
Response: 381522
Conc: 3.59 ug/ml

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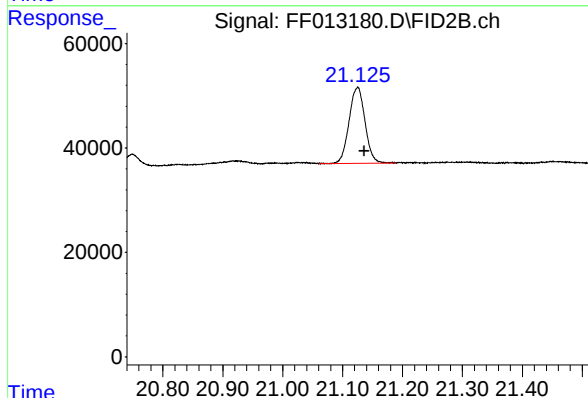
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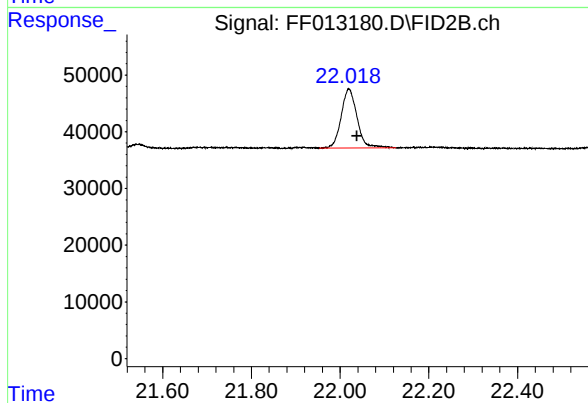
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: -0.012 min
Response: 318280
Conc: 3.02 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: -0.011 min
Response: 268913
Conc: 2.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: -0.019 min
Response: 257532
Conc: 2.59 ug/ml