

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
 Data File : FF014206.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 12:28
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 13 04:07:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 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...	13.284	3713180	36.611 ug/ml
Spiked Amount 50.000		Recovery =	73.22%
Target Compounds			
1) T n-Nonane (C9)	3.241	214364	1.646 ug/ml
2) T n-Decane (C10)	4.488	272398	2.056 ug/mlm
4) T n-Dodecane (C12)	6.652	420808	3.167 ug/ml
6) T n-Tetradecane (C14)	8.478	335543	2.597 ug/ml
7) T n-Hexadecane (C16)	10.085	309608	2.365 ug/ml
8) T n-Octadecane (C18)	11.528	337380	2.538 ug/ml
10) T n-Eicosane (C20)	12.837	369190	2.891 ug/ml
11) T n-Heneicosane (C21)	13.449	350783	2.807 ug/ml
13) T n-Docosane (C22)	14.037	367647	2.986 ug/ml
14) T n-Tetracosane (C24)	15.140	382700	3.169 ug/mlm
15) T n-Hexacosane (C26)	16.163	376774	3.237 ug/ml
16) T n-Octacosane (C28)	17.113	389229	3.464 ug/ml
17) T n-Tricontane (C30)	18.001	397212	3.537 ug/ml
18) T n-Dotriacontane (C32)	18.834	381378	3.502 ug/ml
19) T n-Tetratriacontane (C34)	19.619	314290	3.017 ug/ml
20) T n-Hexatriacontane (C36)	20.359	280875	2.833 ug/ml
21) T n-Octatriacontane (C38)	21.085	301029	3.119 ug/ml
22) T n-Tetracontane (C40)	21.967	316340	3.372 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
Data File : FF014206.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 12:28
Operator : YP\AJ
Sample : P2403-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

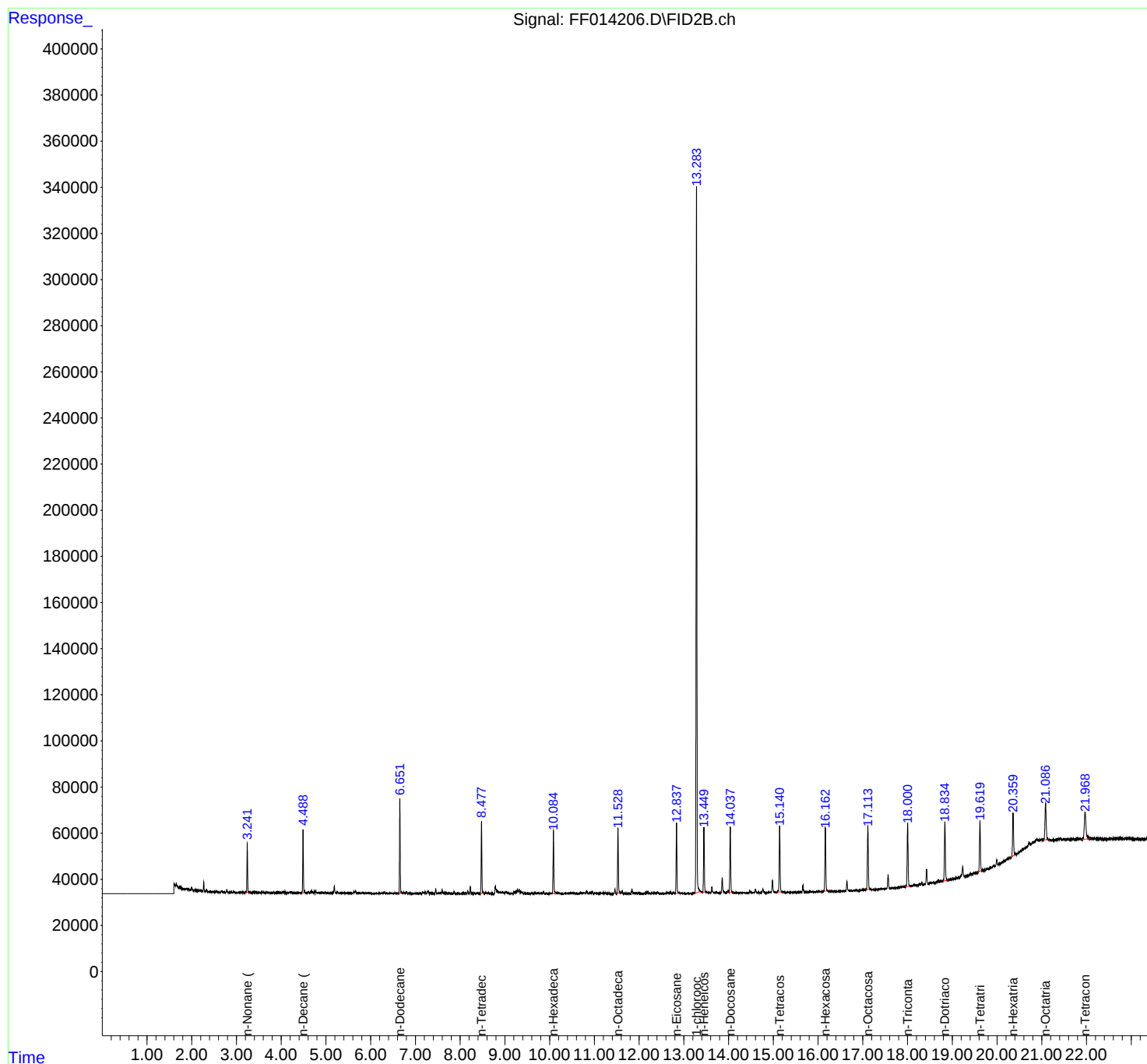
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

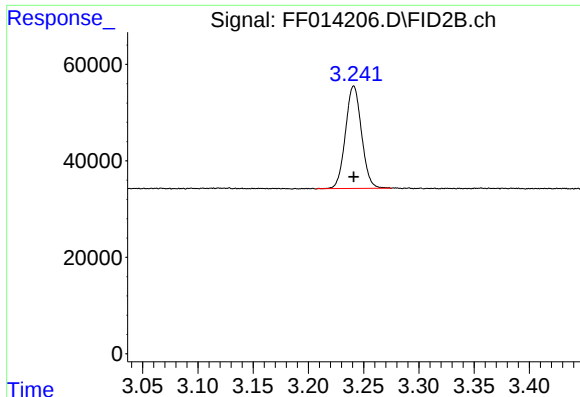
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Signal Info : 20M x 0.18mm x 0.18um





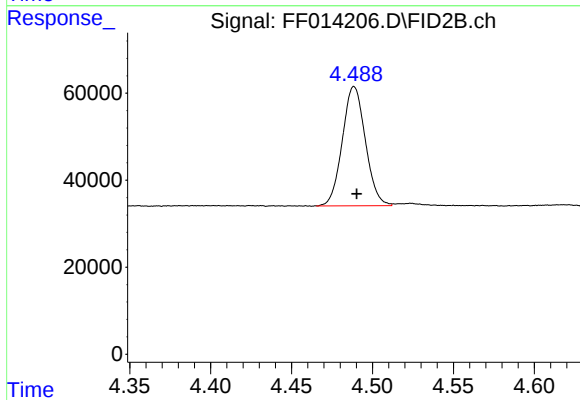
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 214364
Conc: 1.65 ug/ml

Instrument :
FID_F
ClientSampleId :
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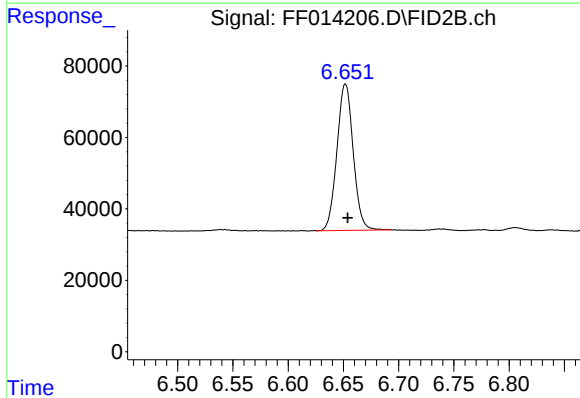
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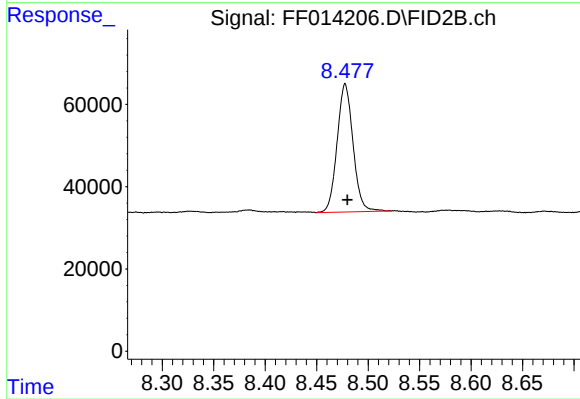
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 272398
Conc: 2.06 ug/ml m



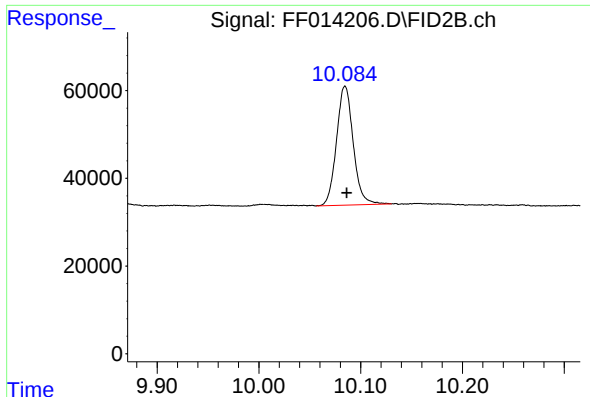
#4 n-Dodecane (C12)

R.T.: 6.652 min
Delta R.T.: -0.002 min
Response: 420808
Conc: 3.17 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 335543
Conc: 2.60 ug/ml



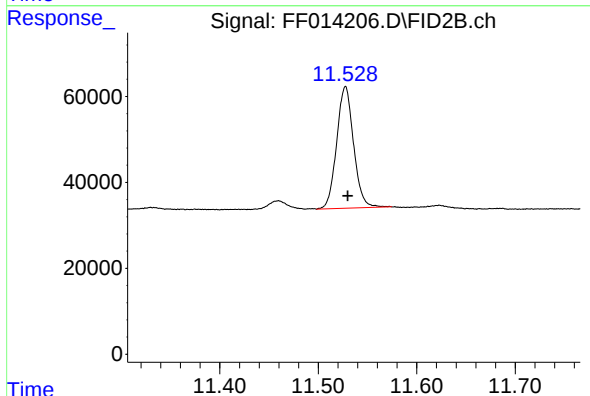
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.002 min
Response: 309608
Conc: 2.37 ug/ml

Instrument :
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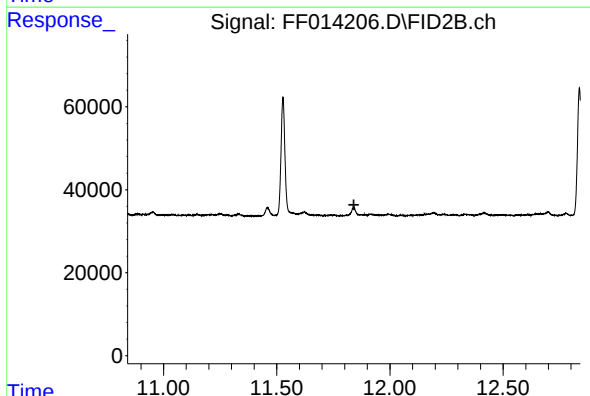
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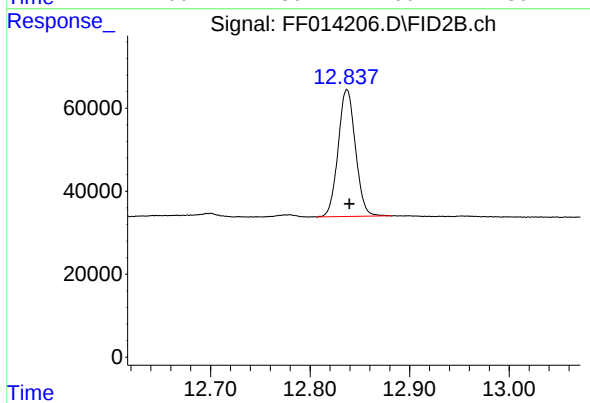
#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 337380
Conc: 2.54 ug/ml



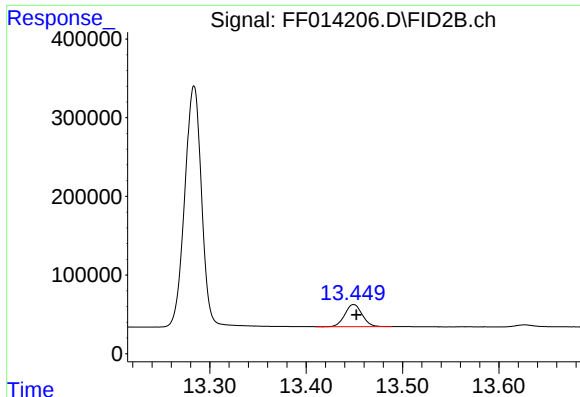
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.841 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.003 min
Response: 369190
Conc: 2.89 ug/ml



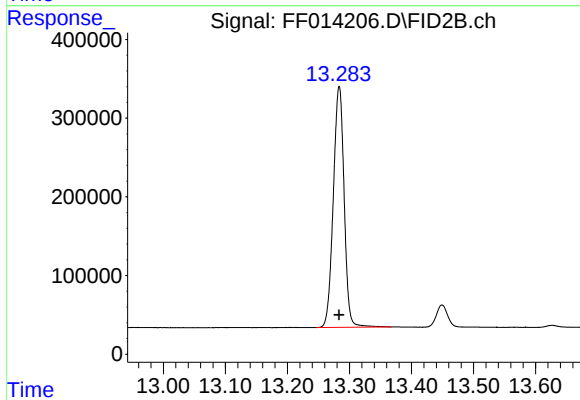
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.003 min
Response: 350783
Conc: 2.81 ug/ml

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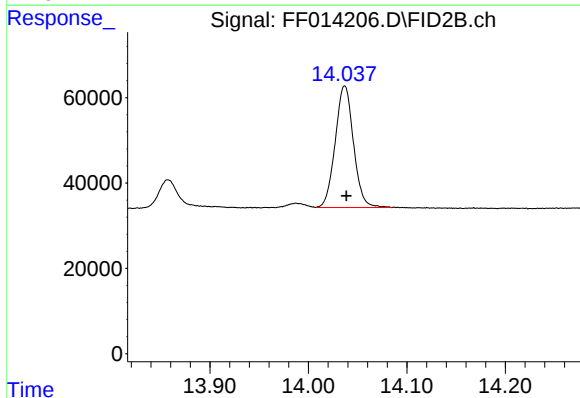
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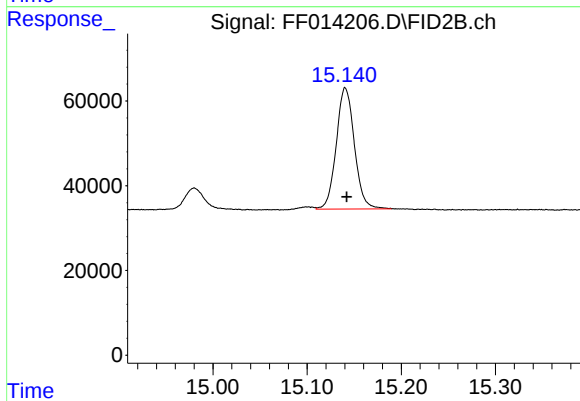
#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: 0.000 min
Response: 3713180
Conc: 36.61 ug/ml



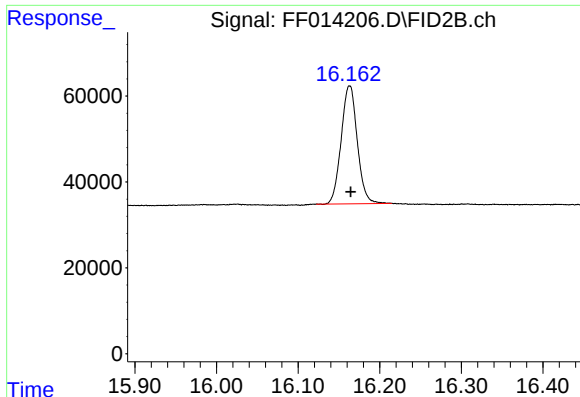
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.002 min
Response: 367647
Conc: 2.99 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.003 min
Response: 382700
Conc: 3.17 ug/ml m



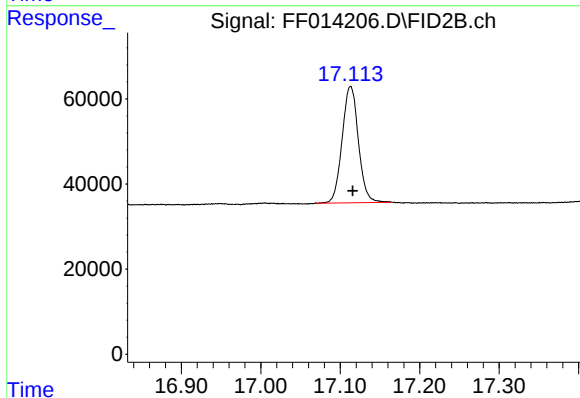
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.001 min
Response: 376774
Conc: 3.24 ug/ml

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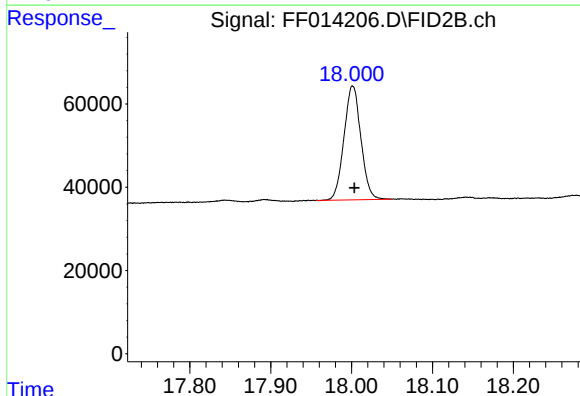
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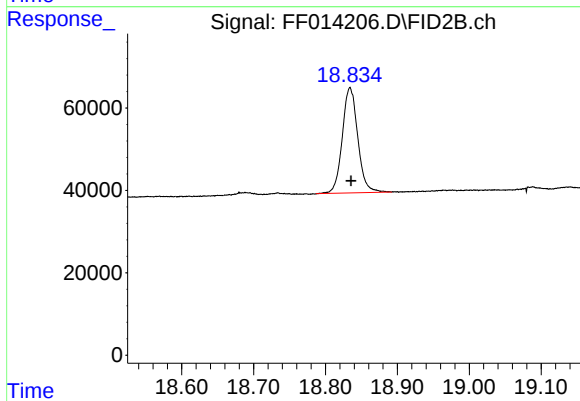
#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.003 min
Response: 389229
Conc: 3.46 ug/ml



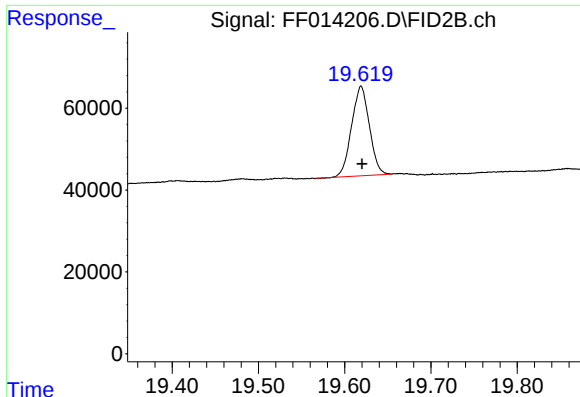
#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.002 min
Response: 397212
Conc: 3.54 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.002 min
Response: 381378
Conc: 3.50 ug/ml



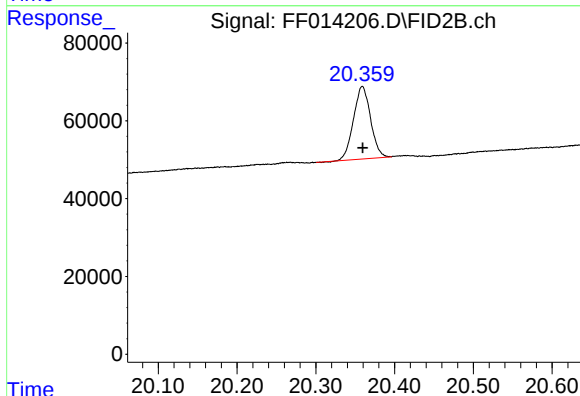
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.001 min
Response: 314290
Conc: 3.02 ug/ml

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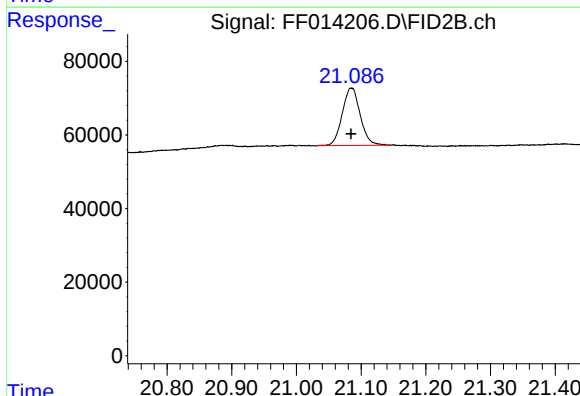
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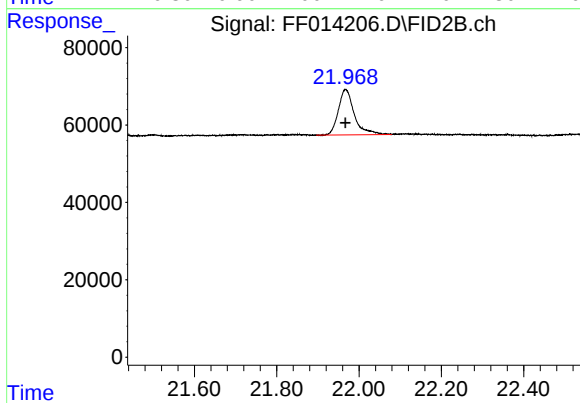
#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 280875
Conc: 2.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: 0.000 min
Response: 301029
Conc: 3.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.000 min
Response: 316340
Conc: 3.37 ug/ml