

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052467.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 12:21
 Operator : DD\AJ
 Sample : M1458-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 18 03:35:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	13.005	3121538	28.941 ug/ml
Spiked Amount 50.000		Recovery =	57.88%
Target Compounds			
1) T n-Nonane (C9)	3.329	355667	3.062 ug/ml
2) T n-Decane (C10)	4.394	459432	3.921 ug/ml
4) T n-Dodecane (C12)	6.411	542971	4.522 ug/ml
6) T n-Tetradecane (C14)	8.206	563641	4.660 ug/ml
7) T n-Hexadecane (C16)	9.807	574566	4.777 ug/ml
8) T n-Octadecane (C18)	11.248	603184	4.781 ug/ml
10) T n-Eicosane (C20)	12.558	604362	4.733 ug/ml
11) T n-Heneicosane (C21)	13.169	605895	4.767 ug/ml
13) T n-Docosane (C22)	13.755	606953	4.791 ug/ml
14) T n-Tetracosane (C24)	14.857	596623	4.776 ug/ml
15) T n-Hexacosane (C26)	15.878	575532	4.780 ug/ml
16) T n-Octacosane (C28)	16.827	554802	4.812 ug/ml
17) T n-Tricontane (C30)	17.714	521043	4.782 ug/ml
18) T n-Dotriacontane (C32)	18.545	522622	5.209 ug/ml
19) T n-Tetratriacontane (C34)	19.327	479177	5.213 ug/ml
20) T n-Hexatriacontane (C36)	20.066	516210	5.661 ug/mlm
21) T n-Octatriacontane (C38)	20.798	409548	5.018 ug/mlm
22) T n-Tetracontane (C40)	21.704	442318	5.135 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M1458-01
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ALS Vial : 6 Sample Multiplier: 1

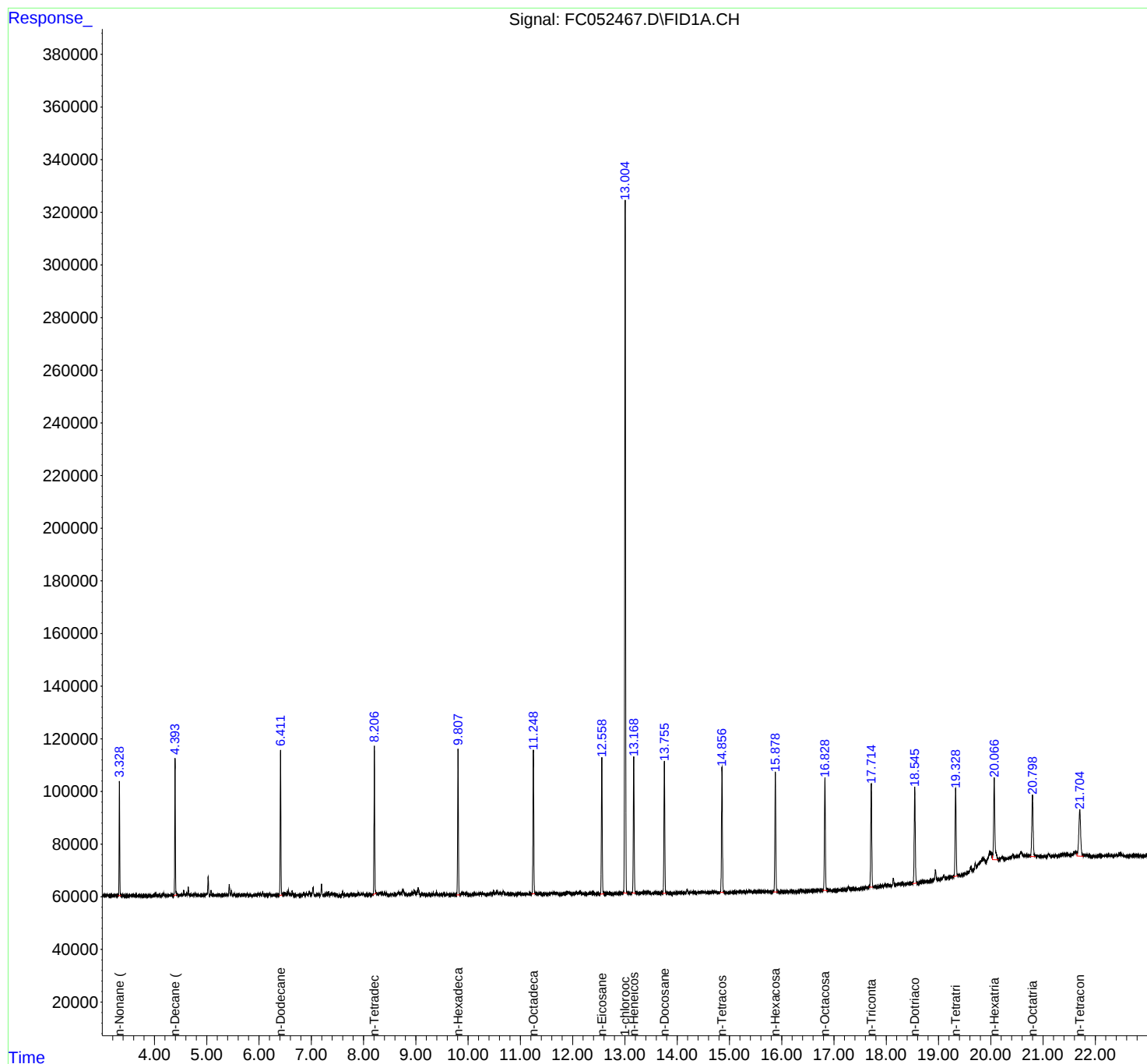
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LOD-MDL-SOIL-01-QT1-2021

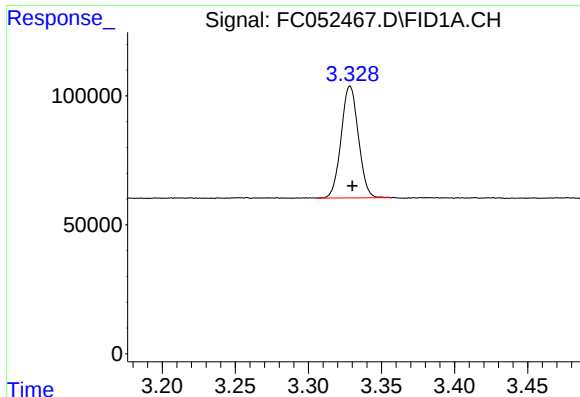
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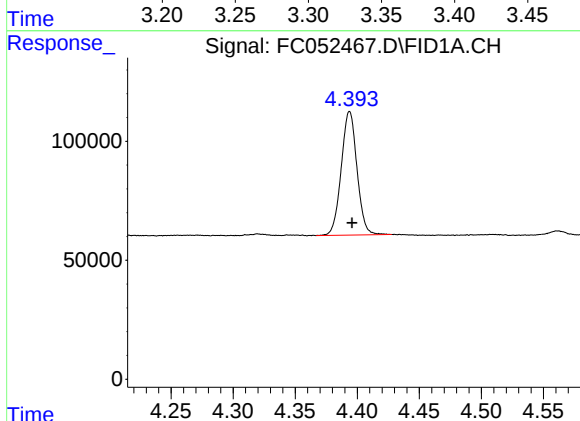
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.001 min
Response: 355667
Conc: 3.06 ug/ml

Instrument :
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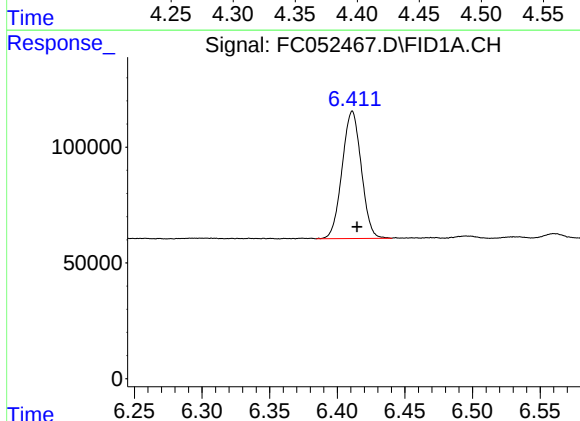
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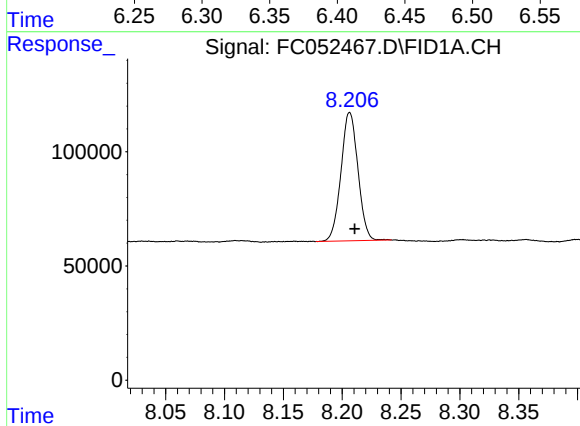
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 459432
Conc: 3.92 ug/ml



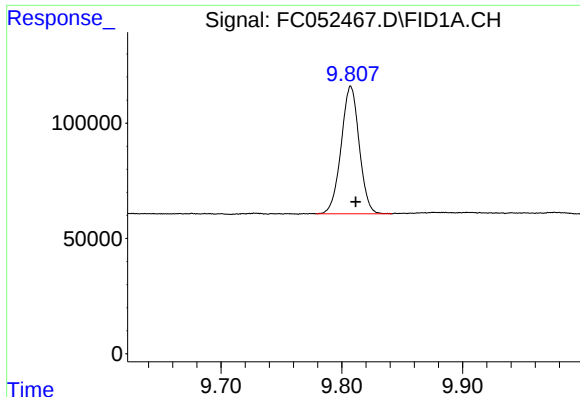
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 542971
Conc: 4.52 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 563641
Conc: 4.66 ug/ml



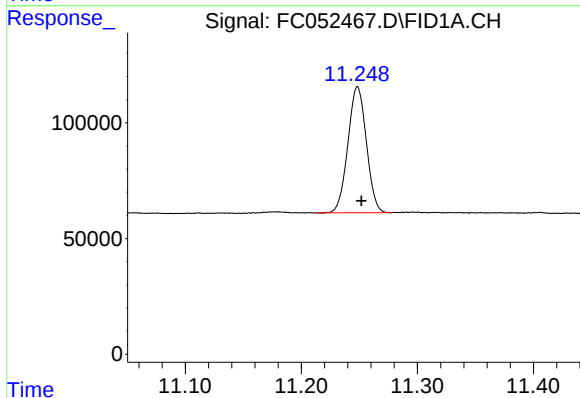
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.004 min
Response: 574566
Conc: 4.78 ug/ml

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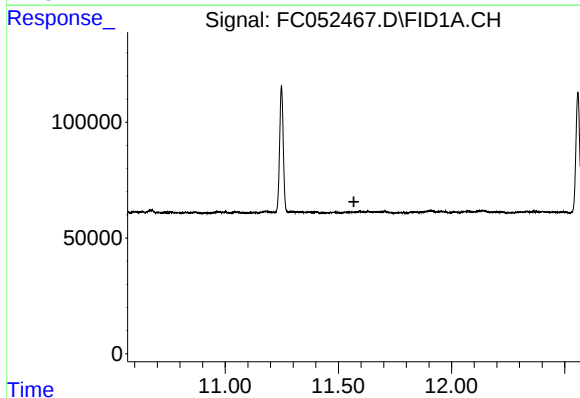
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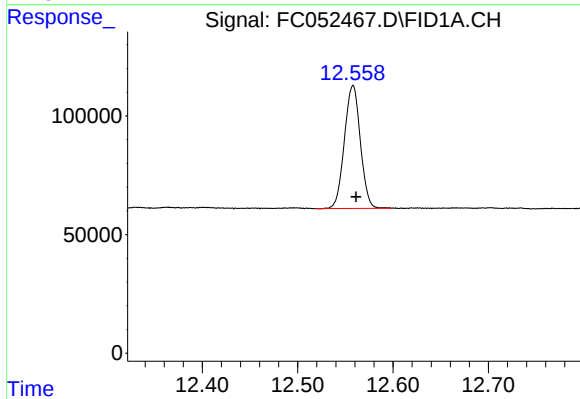
#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: -0.003 min
Response: 603184
Conc: 4.78 ug/ml



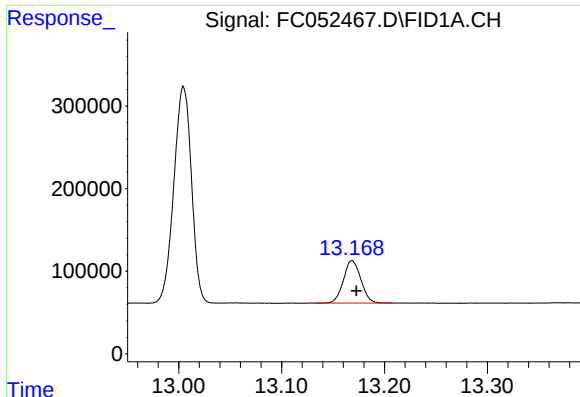
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.568 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 604362
Conc: 4.73 ug/ml



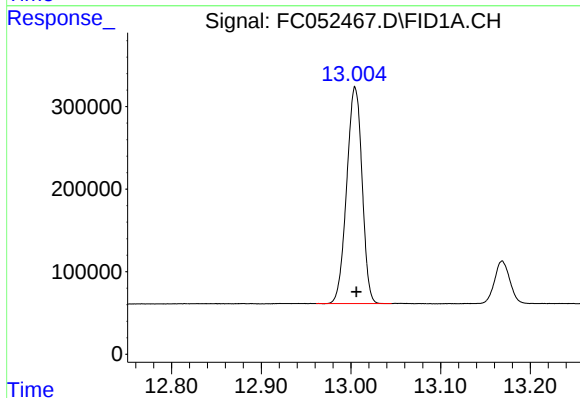
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.004 min
Response: 605895
Conc: 4.77 ug/ml

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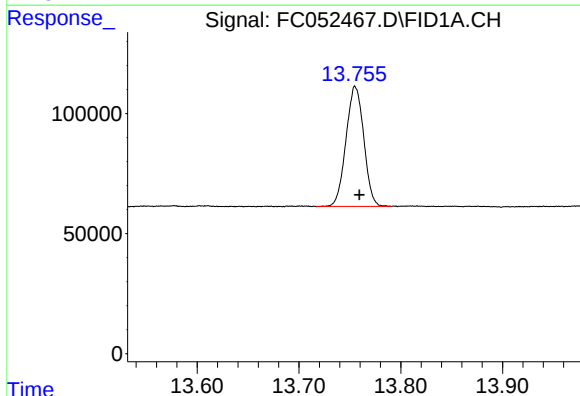
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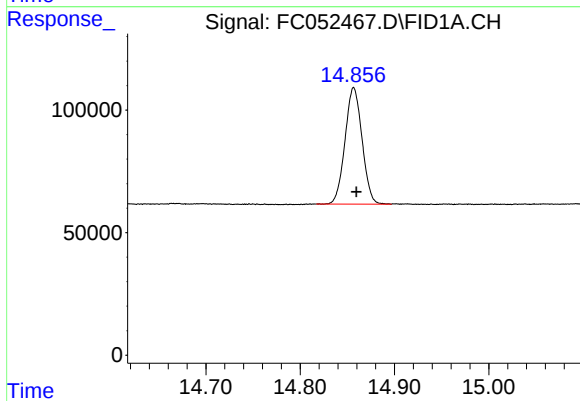
#12 1-chlorooctadecane (SURR)

R.T.: 13.005 min
Delta R.T.: -0.001 min
Response: 3121538
Conc: 28.94 ug/ml



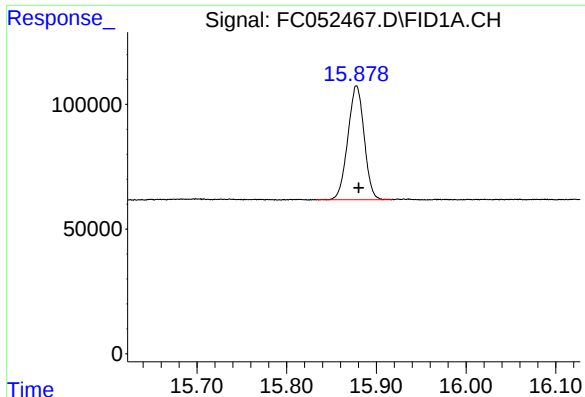
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.004 min
Response: 606953
Conc: 4.79 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.003 min
Response: 596623
Conc: 4.78 ug/ml



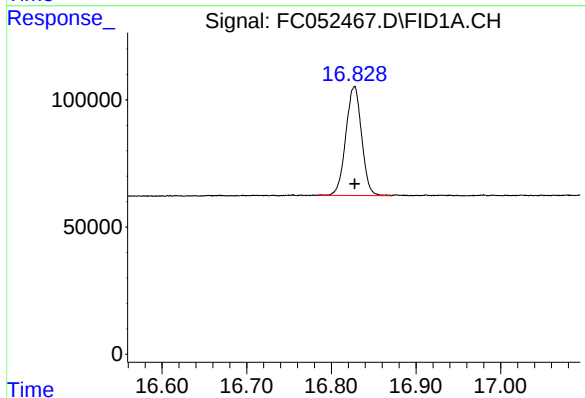
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 575532
Conc: 4.78 ug/ml

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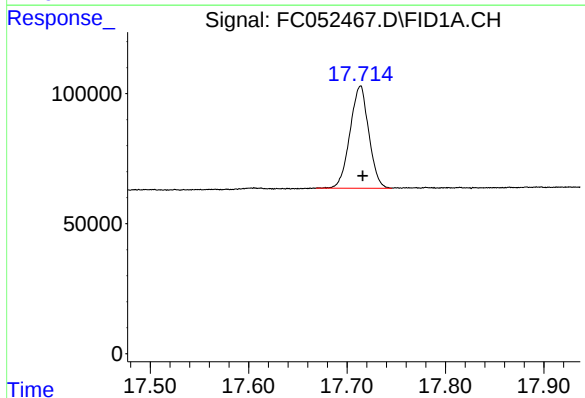
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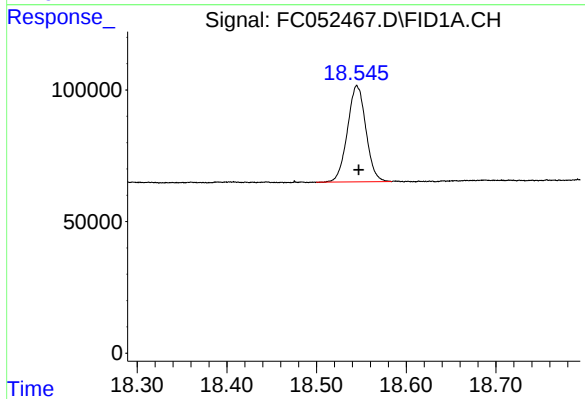
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 554802
Conc: 4.81 ug/ml



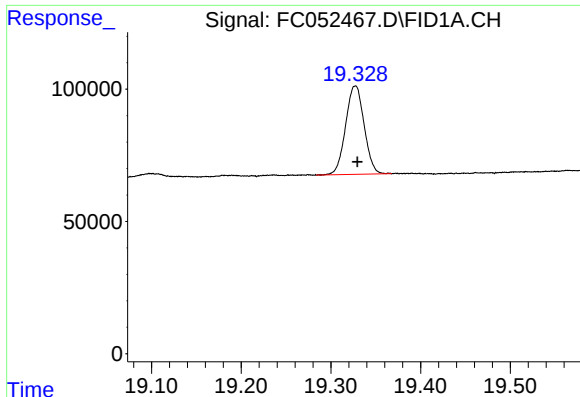
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.002 min
Response: 521043
Conc: 4.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.002 min
Response: 522622
Conc: 5.21 ug/ml



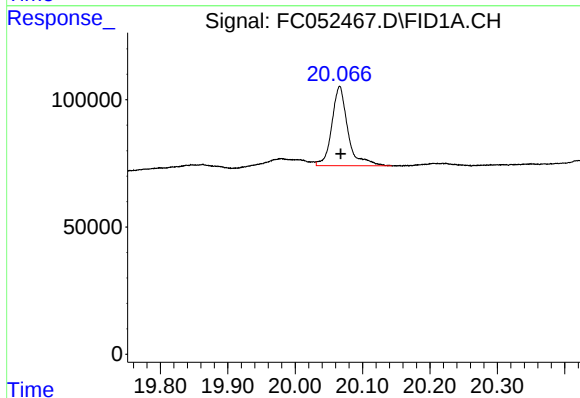
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 479177
Conc: 5.21 ug/ml

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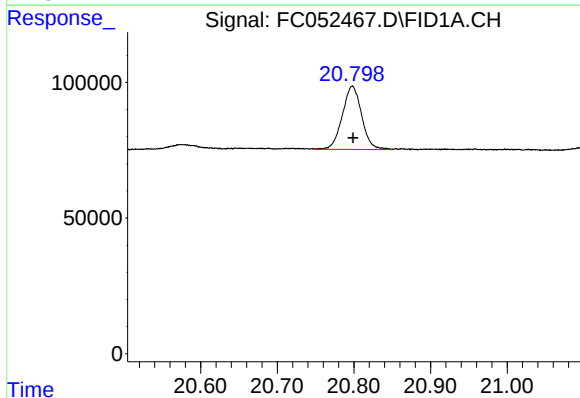
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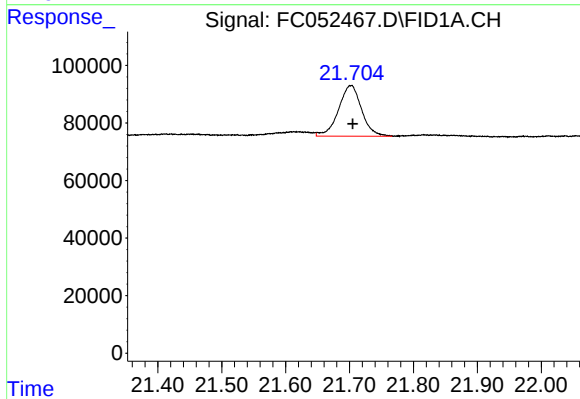
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 516210
Conc: 5.66 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: -0.001 min
Response: 409548
Conc: 5.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.704 min
Delta R.T.: -0.001 min
Response: 442318
Conc: 5.13 ug/ml m