

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083022AL\
 Data File : FC061354.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2022 12:21
 Operator : YP/AJ
 Sample : PB147330BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147330BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 30 13:28:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 2022
 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...	13.077	4722894	33.723 ug/ml
Spiked Amount 50.000		Recovery =	67.45%
Target Compounds			
1) T n-Nonane (C9)	3.413	2460225	16.272 ug/ml
2) T n-Decane (C10)	4.481	3090330	20.366 ug/ml
4) T n-Dodecane (C12)	6.495	3749026	24.207 ug/ml
6) T n-Tetradecane (C14)	8.287	3950427	25.256 ug/ml
7) T n-Hexadecane (C16)	9.885	4338967	27.702 ug/ml
8) T n-Octadecane (C18)	11.325	4774069	30.260 ug/ml
10) T n-Eicosane (C20)	12.632	4695257	30.203 ug/ml
11) T n-Heneicosane (C21)	13.243	4674638	29.886 ug/ml
13) T n-Docosane (C22)	13.828	4609450	29.704 ug/ml
14) T n-Tetracosane (C24)	14.928	4492651	29.041 ug/ml
15) T n-Hexacosane (C26)	15.946	4295383	28.540 ug/ml
16) T n-Octacosane (C28)	16.894	4134773	27.993 ug/ml
17) T n-Tricontane (C30)	17.780	4030252	29.180 ug/ml
18) T n-Dotriacontane (C32)	18.610	3946079	35.950 ug/ml
19) T n-Tetratriacontane (C34)	19.394	3872776	50.174 ug/ml
20) T n-Hexatriacontane (C36)	20.130	3755589	66.520 ug/mlm
21) T n-Octatriacontane (C38)	20.876	3701281	79.784 ug/ml
22) T n-Tetracontane (C40)	21.806	3638100	86.738 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB147330BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

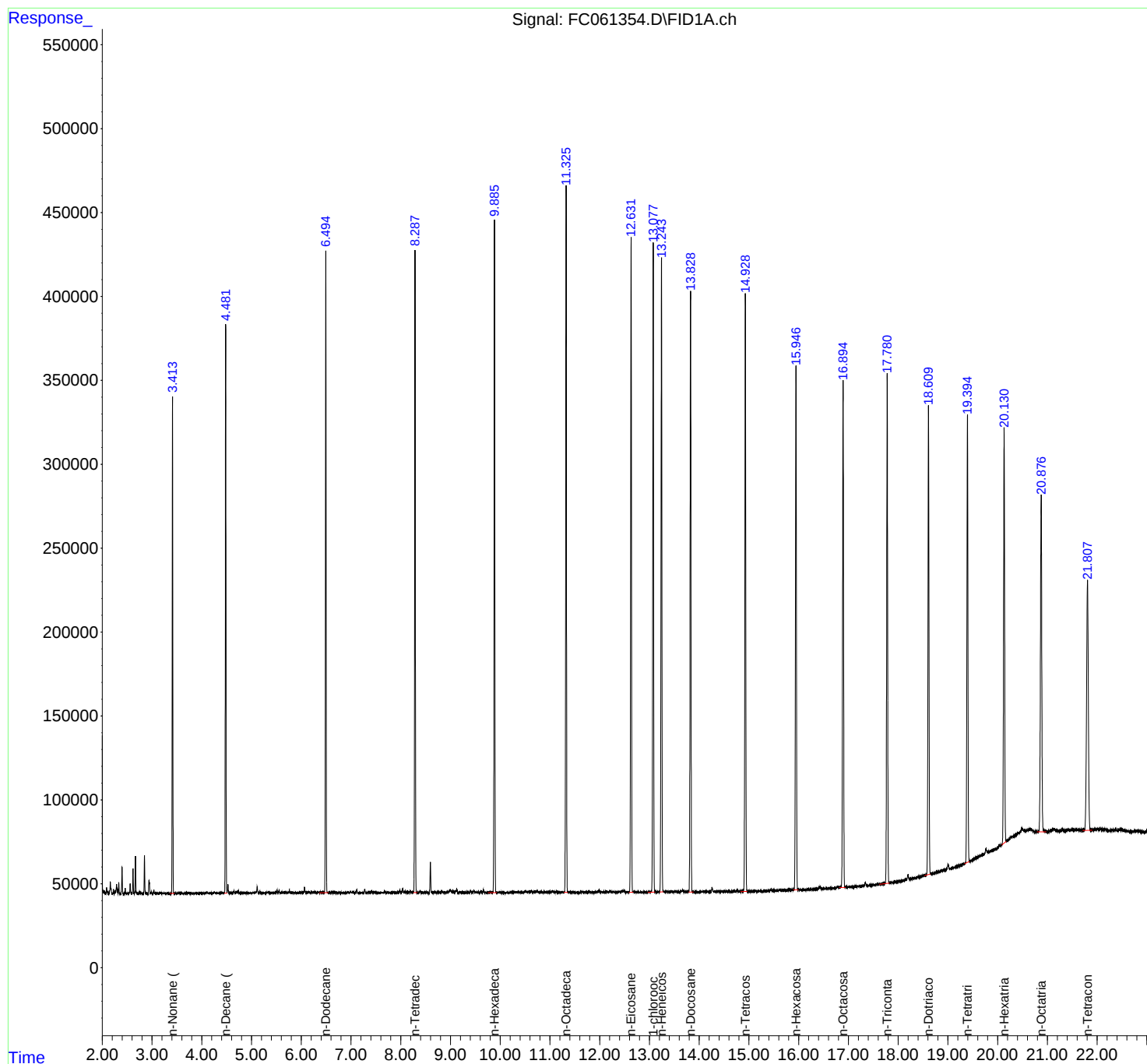
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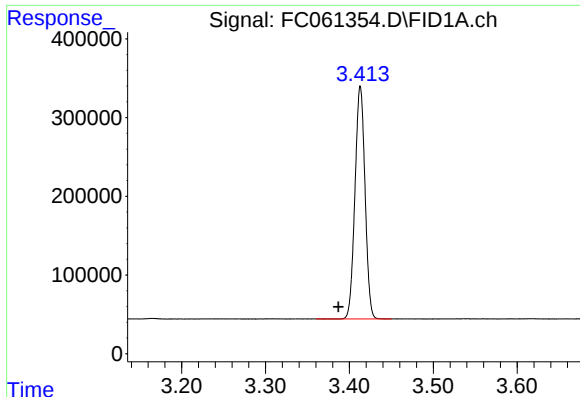
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#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: 0.026 min
Response: 2460225
Conc: 16.27 ug/ml

Instrument :

FID_C

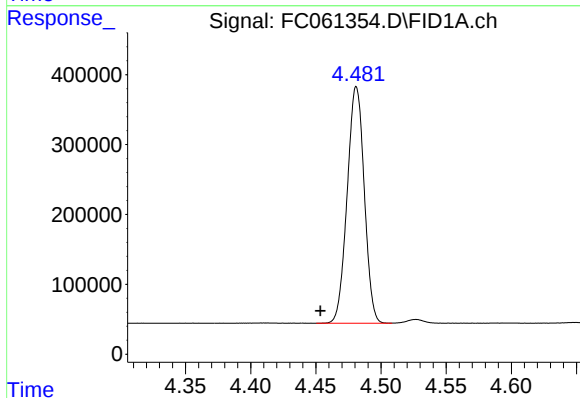
ClientSampleId :

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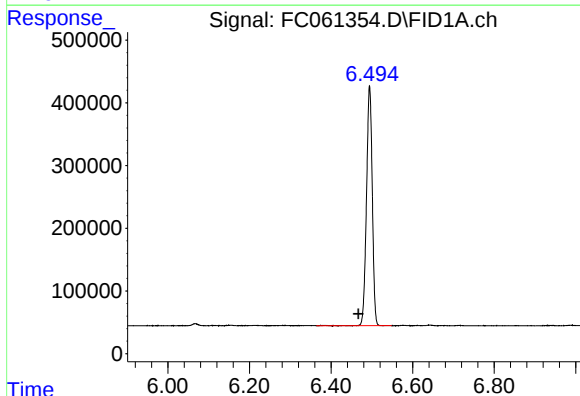
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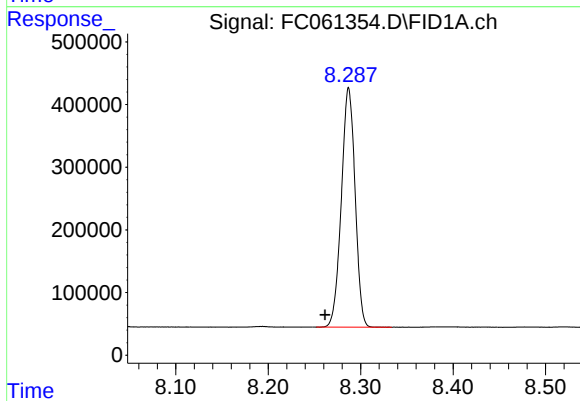
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.028 min
Response: 3090330
Conc: 20.37 ug/ml



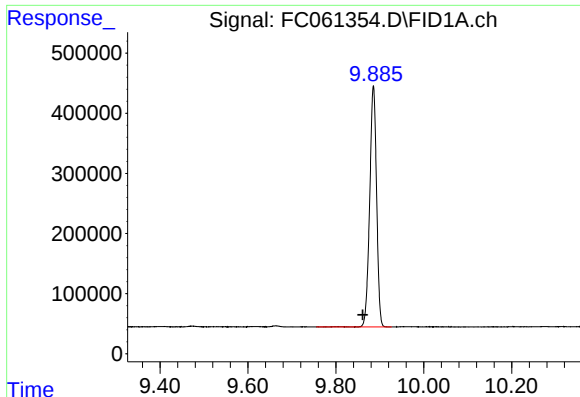
#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.027 min
Response: 3749026
Conc: 24.21 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: 0.025 min
Response: 3950427
Conc: 25.26 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.024 min
Response: 4338967
Conc: 27.70 ug/ml

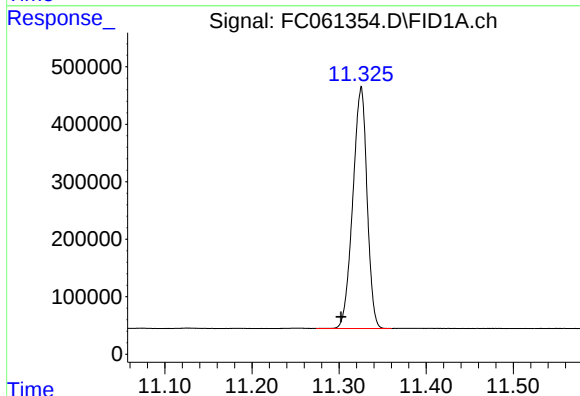
Instrument :

FID_C

ClientSampleId :
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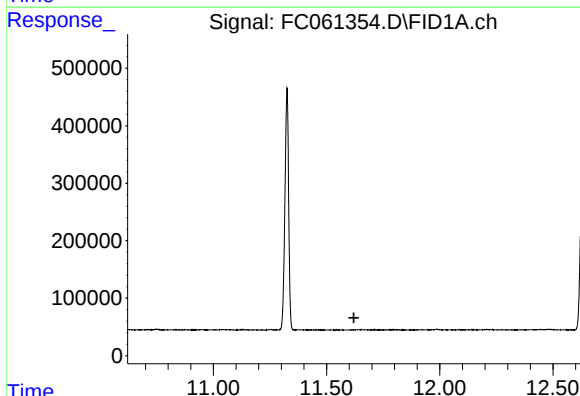
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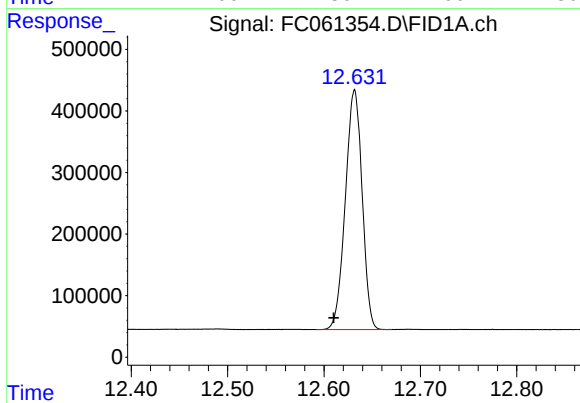
#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: 0.023 min
Response: 4774069
Conc: 30.26 ug/ml



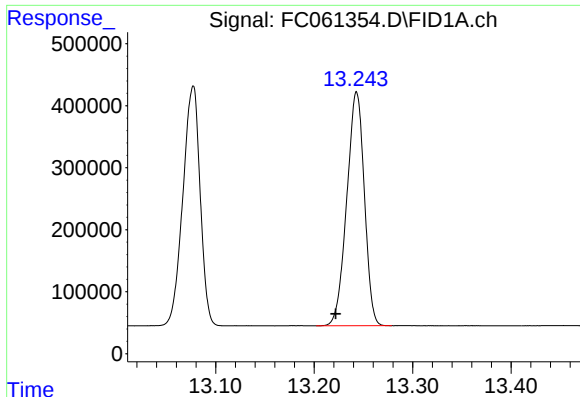
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.621 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.022 min
Response: 4695257
Conc: 30.20 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: 0.021 min
Response: 4674638
Conc: 29.89 ug/ml

Instrument :

FID_C

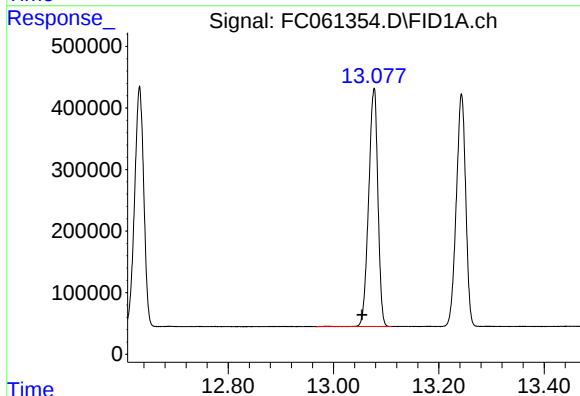
ClientSampleId :

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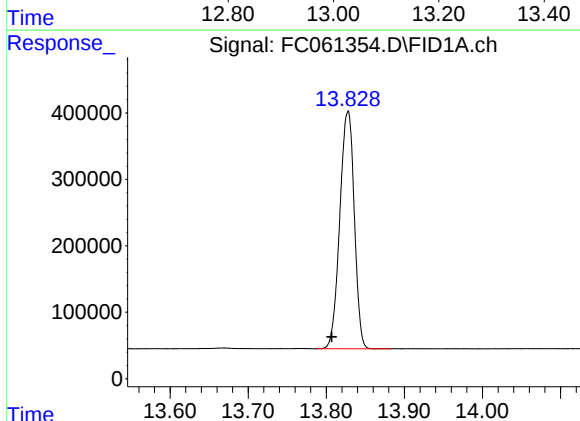
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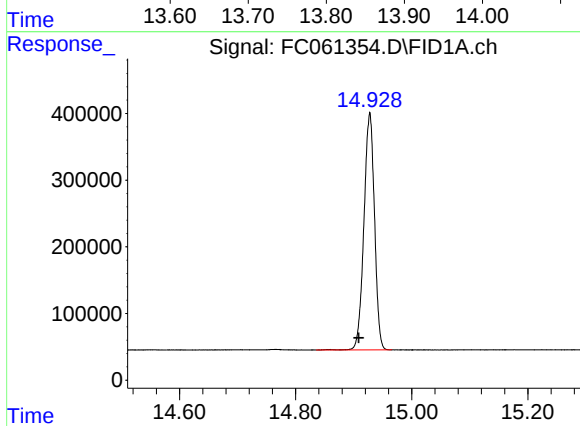
#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: 0.022 min
Response: 4722894
Conc: 33.72 ug/ml



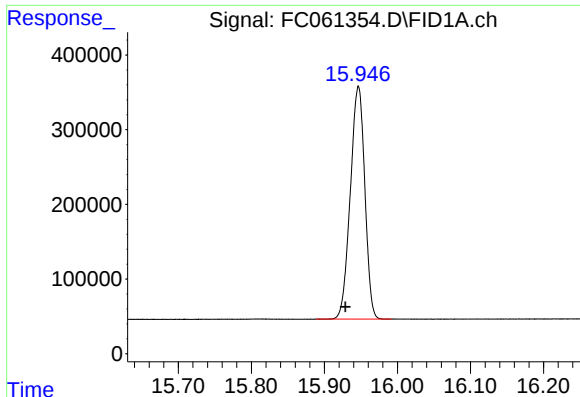
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: 0.021 min
Response: 4609450
Conc: 29.70 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.928 min
Delta R.T.: 0.019 min
Response: 4492651
Conc: 29.04 ug/ml



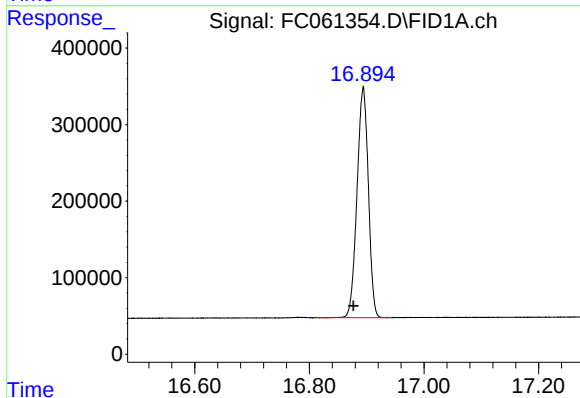
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: 0.017 min
Response: 4295383
Conc: 28.54 ug/ml

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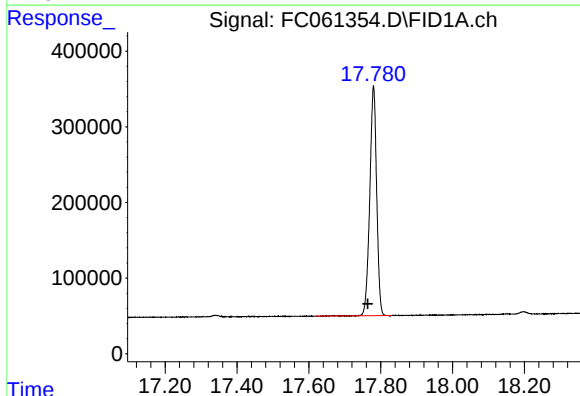
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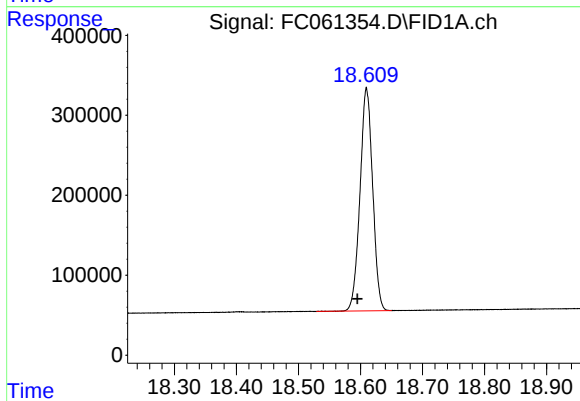
#16 n-Octacosane (C28)

R.T.: 16.894 min
Delta R.T.: 0.017 min
Response: 4134773
Conc: 27.99 ug/ml



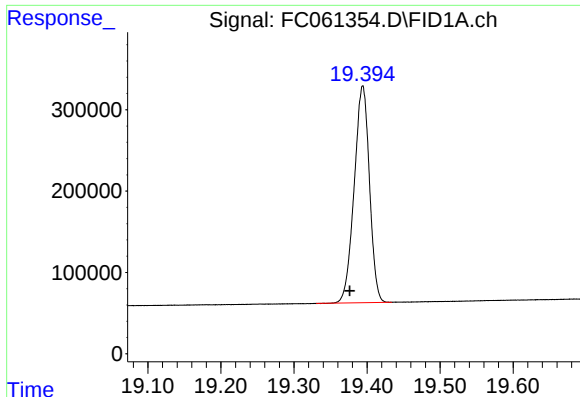
#17 n-Tricontane (C30)

R.T.: 17.780 min
Delta R.T.: 0.016 min
Response: 4030252
Conc: 29.18 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: 0.015 min
Response: 3946079
Conc: 35.95 ug/ml



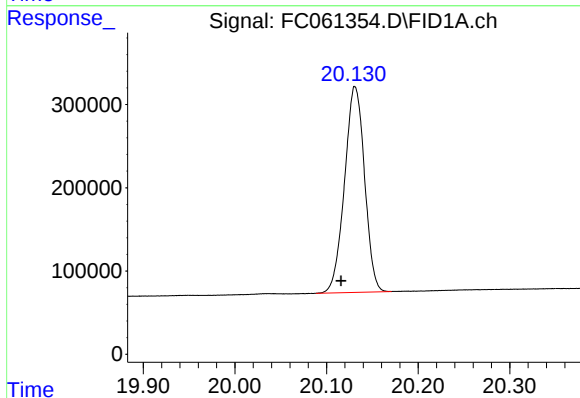
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: 0.018 min
Response: 3872776
Conc: 50.17 ug/ml

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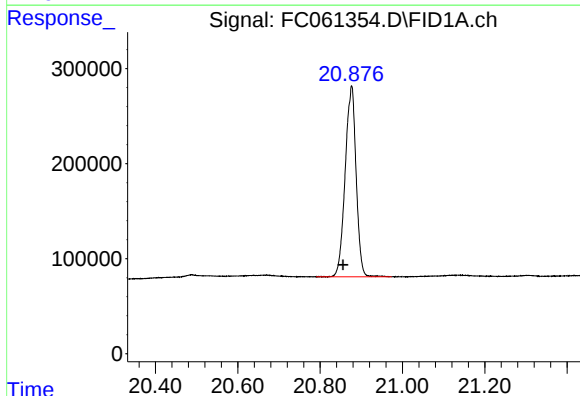
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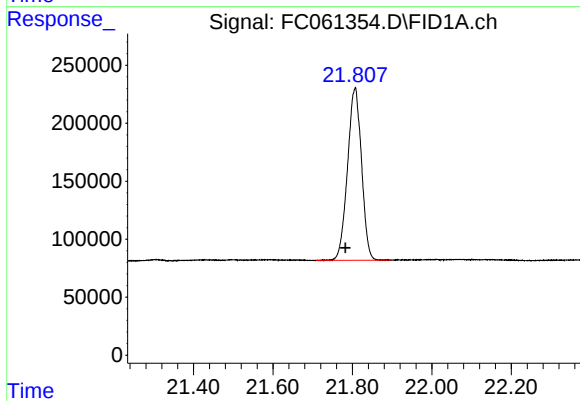
#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: 0.014 min
Response: 3755589
Conc: 66.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.876 min
Delta R.T.: 0.020 min
Response: 3701281
Conc: 79.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.806 min
Delta R.T.: 0.024 min
Response: 3638100
Conc: 86.74 ug/ml