

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101422AL\
 Data File : FC061811.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2022 20:29
 Operator : YP/AJ
 Sample : PB148344BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB148344BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2022
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: autoint1.e
 Quant Time: Oct 15 16:15:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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...	13.026	3783831	27.698 ug/ml
Spiked Amount 50.000		Recovery =	55.40%
Target Compounds			
1) T n-Nonane (C9)	3.343	3078695	20.625 ug/ml
2) T n-Decane (C10)	4.411	3847052	25.504 ug/ml
4) T n-Dodecane (C12)	6.429	4597431	30.234 ug/ml
6) T n-Tetradecane (C14)	8.227	4959055	32.527 ug/ml
7) T n-Hexadecane (C16)	9.829	5315927	34.379 ug/ml
8) T n-Octadecane (C18)	11.272	5642059	35.790 ug/ml
10) T n-Eicosane (C20)	12.582	5520015	34.640 ug/ml
11) T n-Heneicosane (C21)	13.194	5458874	34.025 ug/ml
13) T n-Docosane (C22)	13.780	5343811	33.261 ug/ml
14) T n-Tetracosane (C24)	14.884	5147597	32.134 ug/ml
15) T n-Hexacosane (C26)	15.904	4895425	30.881 ug/ml
16) T n-Octacosane (C28)	16.854	4675403	30.164 ug/ml
17) T n-Tricontane (C30)	17.742	4556808	29.611 ug/ml
18) T n-Dotriacontane (C32)	18.575	4491815	29.707 ug/ml
19) T n-Tetratriacontane (C34)	19.358	4473977	31.553 ug/ml
20) T n-Hexatriacontane (C36)	20.097	4202118	30.438 ug/ml
21) T n-Octatriacontane (C38)	20.836	4158181	32.108 ug/mlm
22) T n-Tetracontane (C40)	21.752	4177854	34.187 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB148344BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

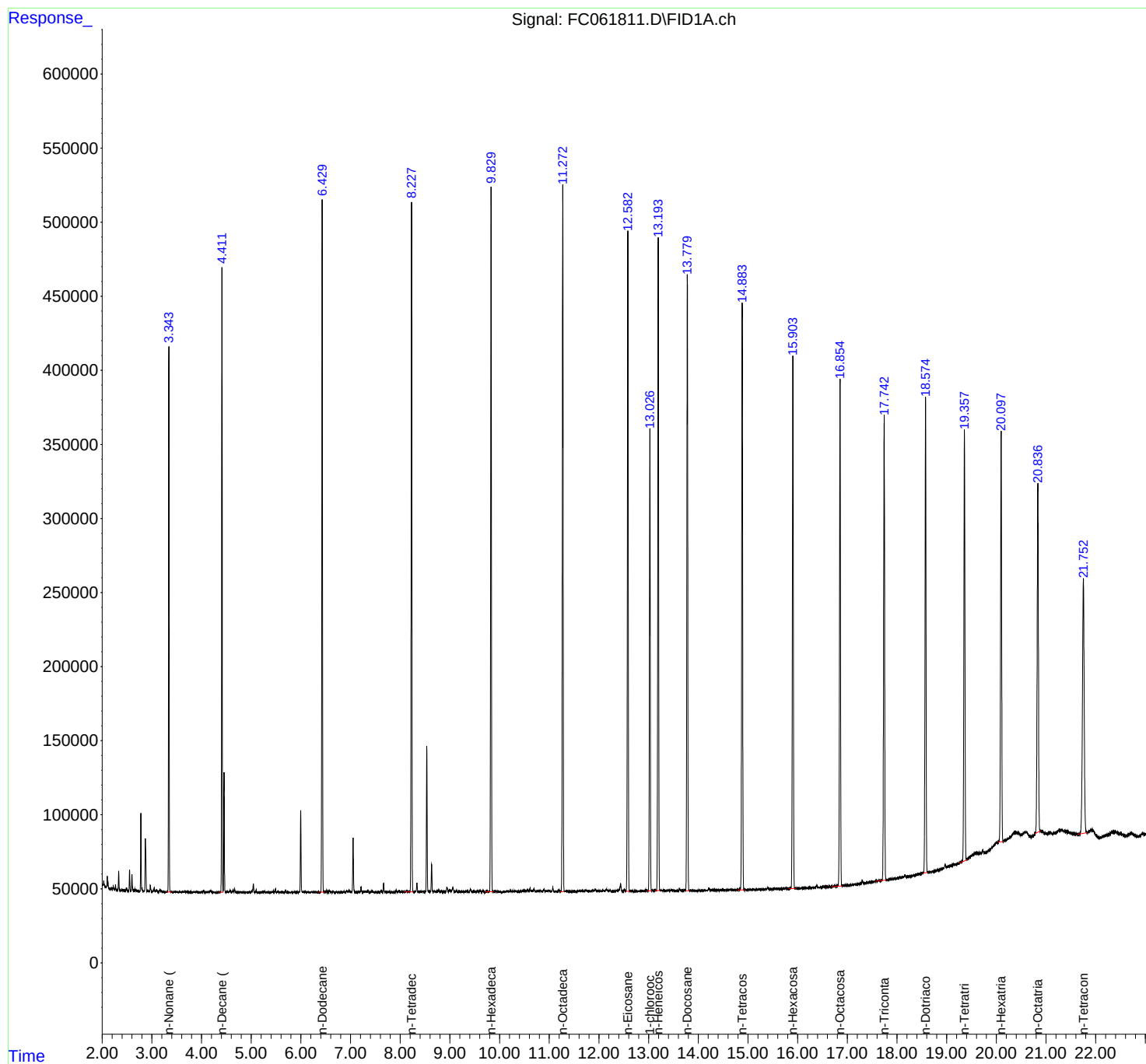
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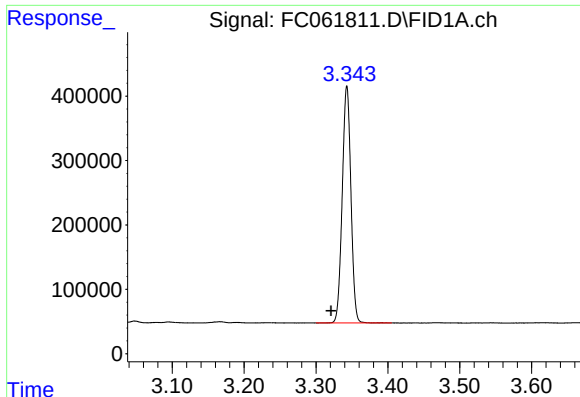
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#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: 0.022 min
Response: 3078695
Conc: 20.63 ug/ml

Instrument :

FID_C

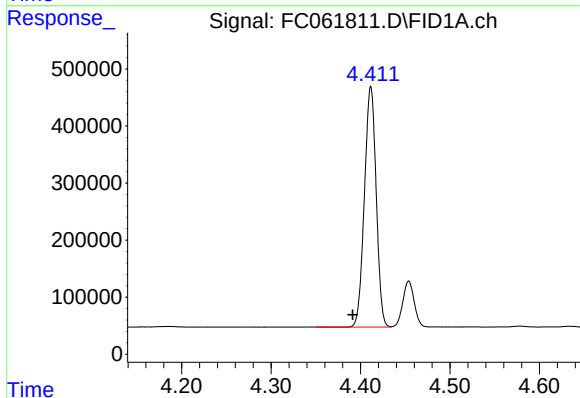
ClientSampleId :

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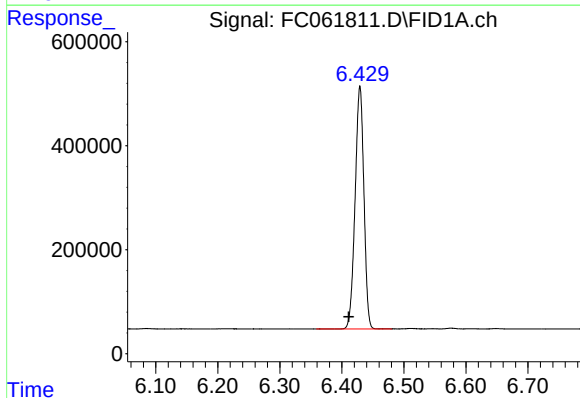
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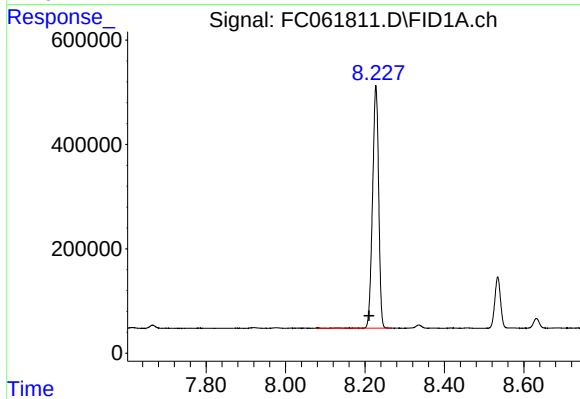
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: 0.020 min
Response: 3847052
Conc: 25.50 ug/ml



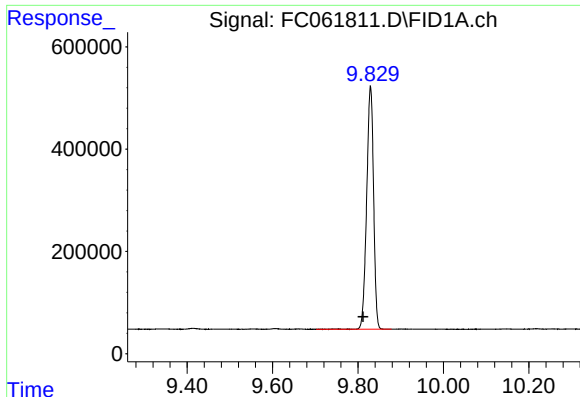
#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: 0.018 min
Response: 4597431
Conc: 30.23 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: 0.018 min
Response: 4959055
Conc: 32.53 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: 0.017 min
Response: 5315927
Conc: 34.38 ug/ml

Instrument :

FID_C

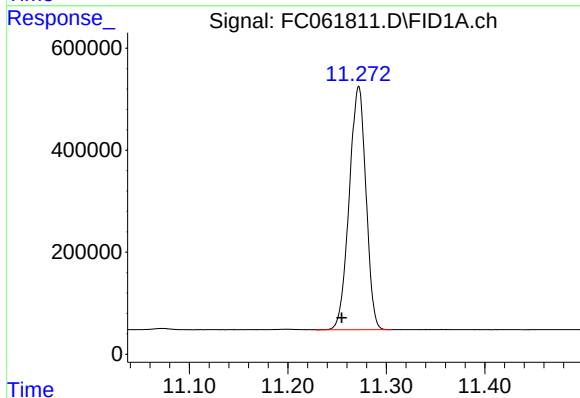
ClientSampleId :

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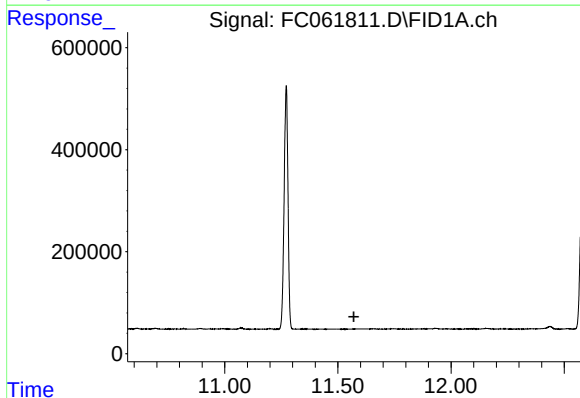
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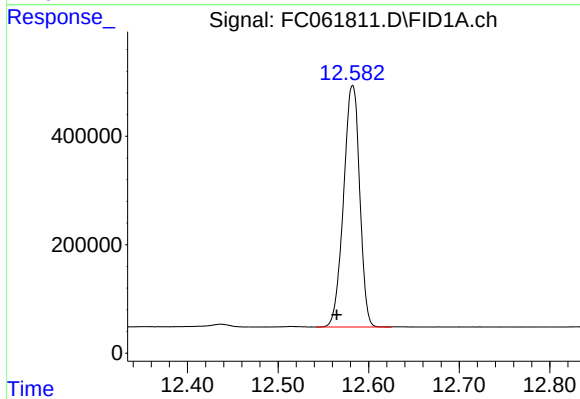
#8 n-Octadecane (C18)

R.T.: 11.272 min
Delta R.T.: 0.017 min
Response: 5642059
Conc: 35.79 ug/ml



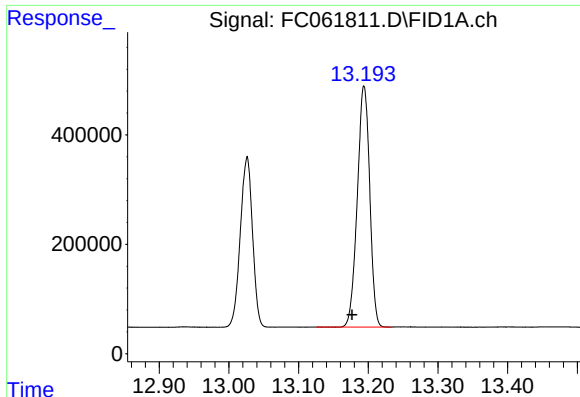
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.571 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: 0.018 min
Response: 5520015
Conc: 34.64 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: 0.017 min
Response: 5458874
Conc: 34.02 ug/ml

Instrument :

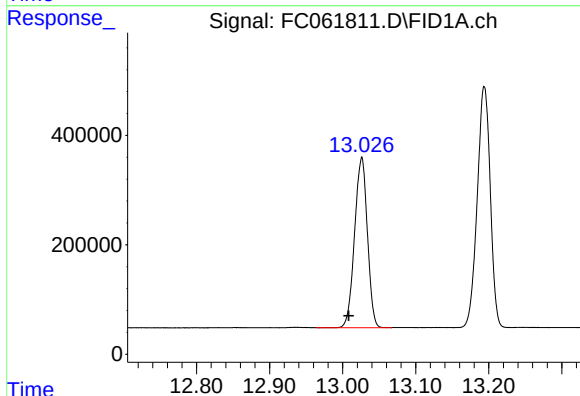
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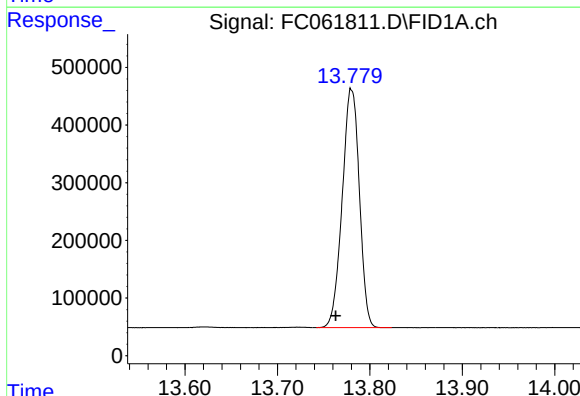
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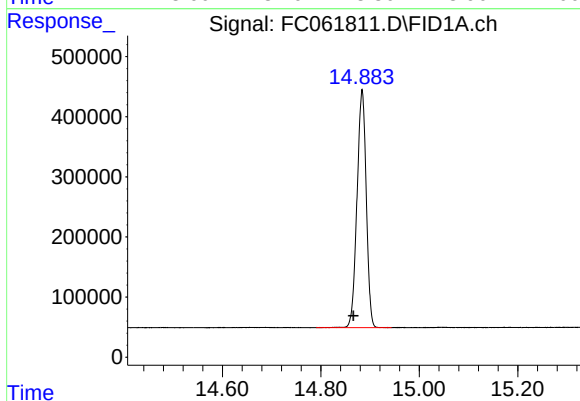
#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: 0.018 min
Response: 3783831
Conc: 27.70 ug/ml



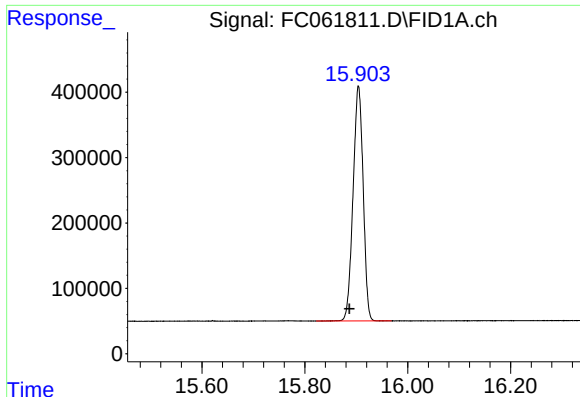
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.017 min
Response: 5343811
Conc: 33.26 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: 0.018 min
Response: 5147597
Conc: 32.13 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.018 min
Response: 4895425
Conc: 30.88 ug/ml

Instrument :

FID_C

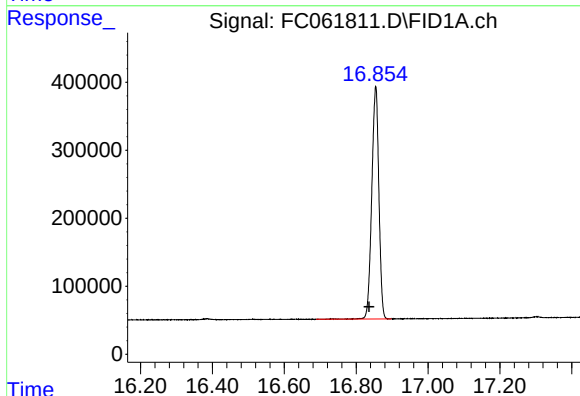
ClientSampleId :

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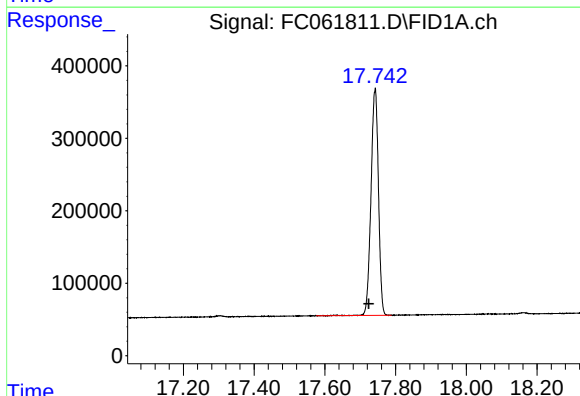
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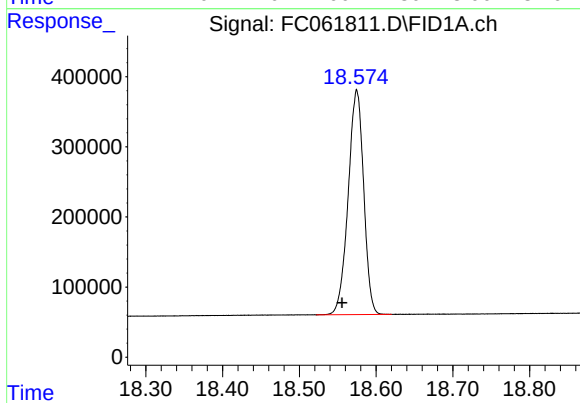
#16 n-Octacosane (C28)

R.T.: 16.854 min
Delta R.T.: 0.018 min
Response: 4675403
Conc: 30.16 ug/ml



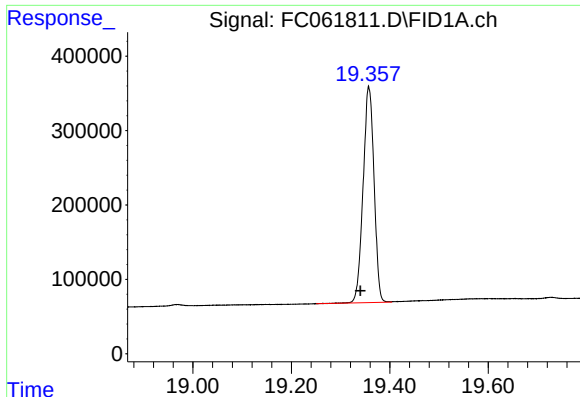
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: 0.018 min
Response: 4556808
Conc: 29.61 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.575 min
Delta R.T.: 0.019 min
Response: 4491815
Conc: 29.71 ug/ml



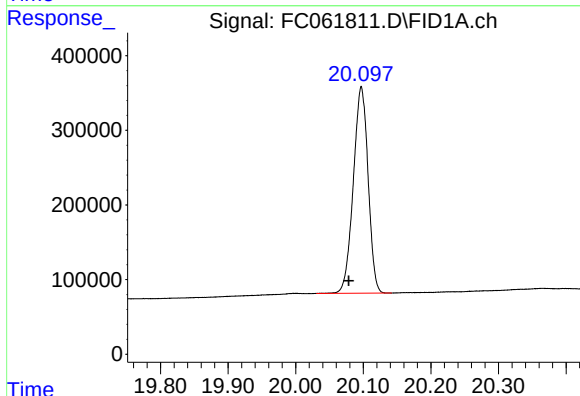
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: 0.018 min
Response: 4473977
Conc: 31.55 ug/ml

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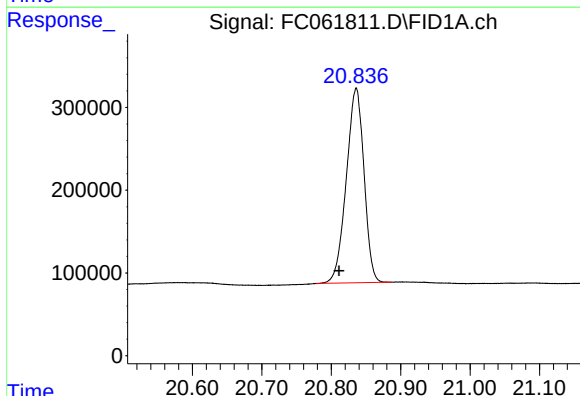
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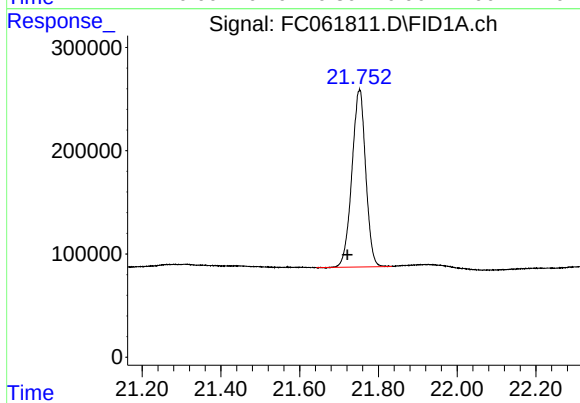
#20 n-Hexatriacontane (C36)

R.T.: 20.097 min
Delta R.T.: 0.019 min
Response: 4202118
Conc: 30.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.836 min
Delta R.T.: 0.024 min
Response: 4158181
Conc: 32.11 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.752 min
Delta R.T.: 0.031 min
Response: 4177854
Conc: 34.19 ug/ml