

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082422AL\
 Data File : FC061277.D
 Signal(s) : FID1A.ch
 Acq On : 24 Aug 2022 21:03
 Operator : YP/AJ
 Sample : N4296-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 25 02:33:25 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...	13.098	7978353	56.968 ug/mlm
Spiked Amount 50.000		Recovery =	113.94%
Target Compounds			
1) T n-Nonane (C9)	3.399	3390962	22.429 ug/mlm
2) T n-Decane (C10)	4.472	6435491	42.412 ug/mlm
4) T n-Dodecane (C12)	6.508	28215438	182.185 ug/mlm
6) T n-Tetradecane (C14)	8.332f	57580866	368.127 ug/mlm
7) T n-Hexadecane (C16)	9.934f	54658401	348.960 ug/mlm
8) T n-Octadecane (C18)	11.372f	47252324	299.507 ug/mlm
10) T n-Eicosane (C20)	12.668f	32720917	210.479 ug/mlm
11) T n-Heneicosane (C21)	13.271	23476878	150.091 ug/mlm
13) T n-Docosane (C22)	13.849	18803310	121.171 ug/mlm
14) T n-Tetracosane (C24)	14.934	10024475	64.799 ug/mlm
15) T n-Hexacosane (C26)	15.946	6793469	45.138 ug/mlm
16) T n-Octacosane (C28)	16.891	5972442	40.435 ug/ml
17) T n-Tricontane (C30)	17.777	5561623	40.267 ug/ml
18) T n-Dotriacontane (C32)	18.607	5374414	48.963 ug/mlm
19) T n-Tetratriacontane (C34)	19.389	5328187	69.029 ug/ml
20) T n-Hexatriacontane (C36)	20.126	5017672	88.874 ug/mlm
21) T n-Octatriacontane (C38)	20.872	4991168	107.588 ug/mlm
22) T n-Tetracontane (C40)	21.801	4969241	118.474 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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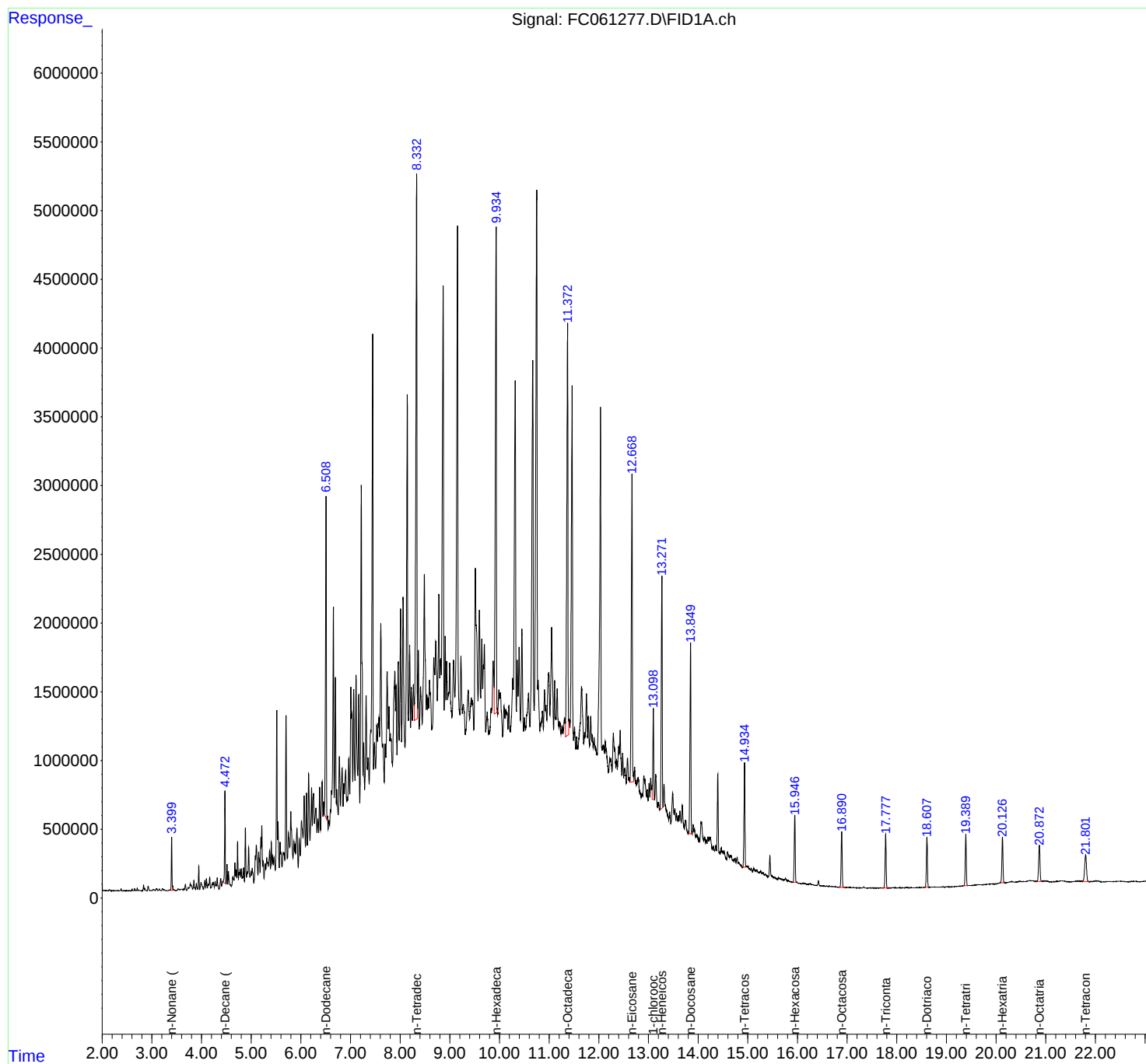
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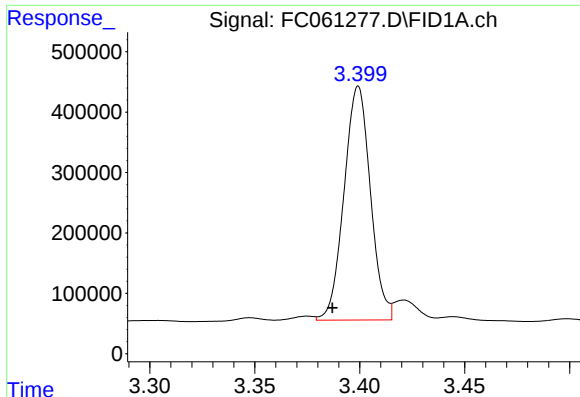
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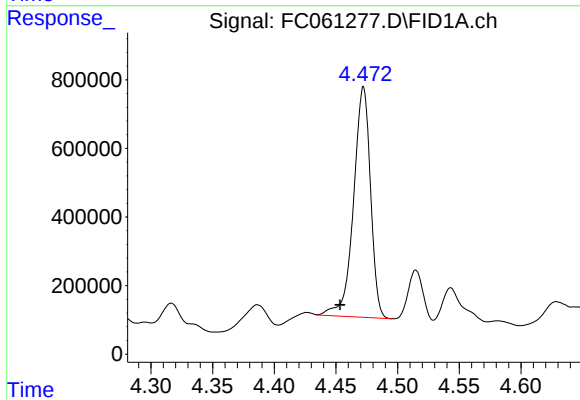
#1 n-Nonane (C9)

R.T.: 3.399 min
Delta R.T.: 0.012 min
Response: 3390962
Conc: 22.43 ug/ml

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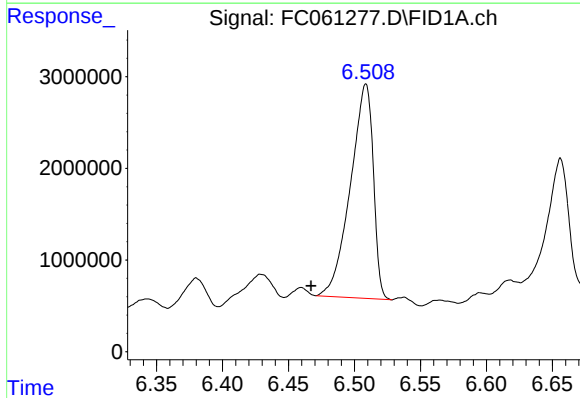
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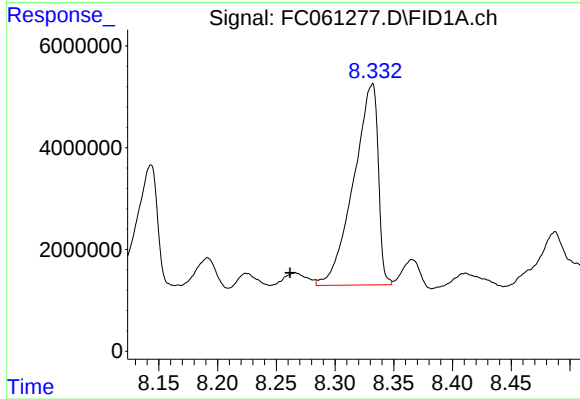
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.018 min
Response: 6435491
Conc: 42.41 ug/ml m



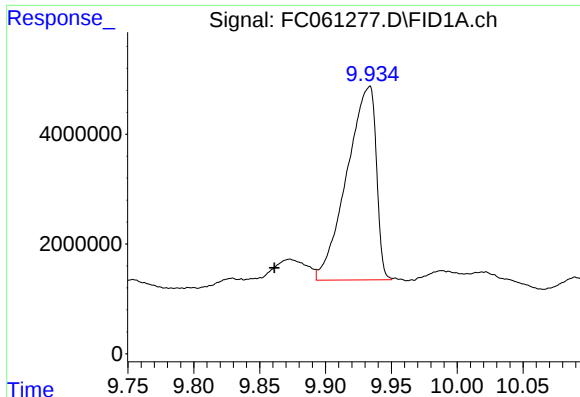
#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: 0.041 min
Response: 28215438
Conc: 182.18 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: 0.070 min
Response: 57580866
Conc: 368.13 ug/ml m



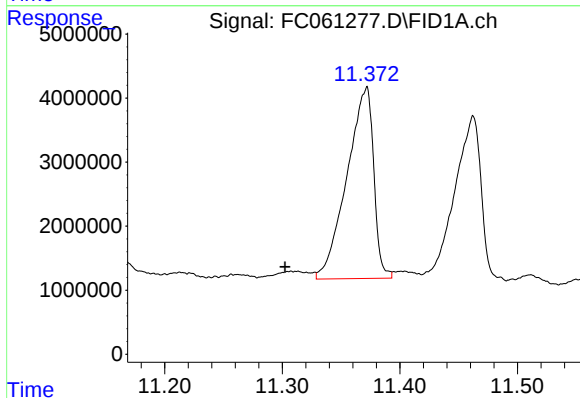
#7 n-Hexadecane (C16)

R.T.: 9.934 min
Delta R.T.: 0.072 min
Response: 54658401
Conc: 348.96 ug/ml

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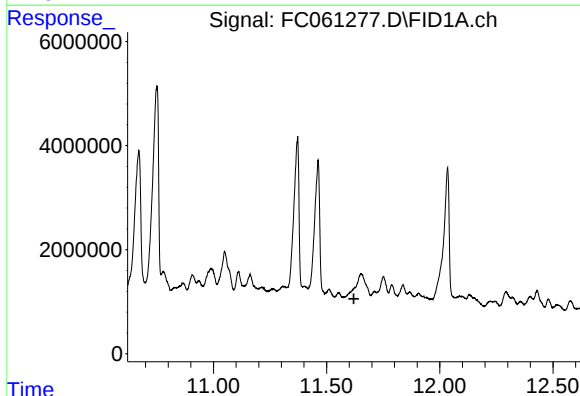
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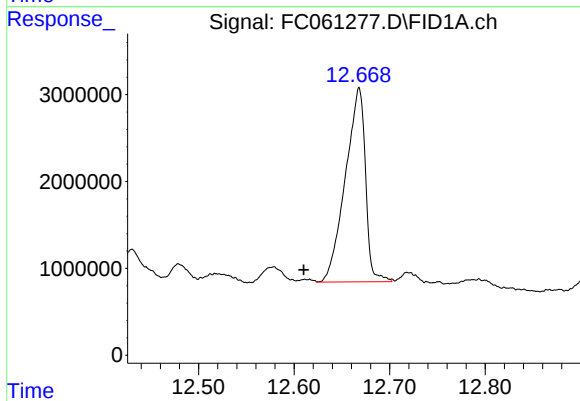
#8 n-Octadecane (C18)

R.T.: 11.372 min
Delta R.T.: 0.070 min
Response: 47252324
Conc: 299.51 ug/ml m



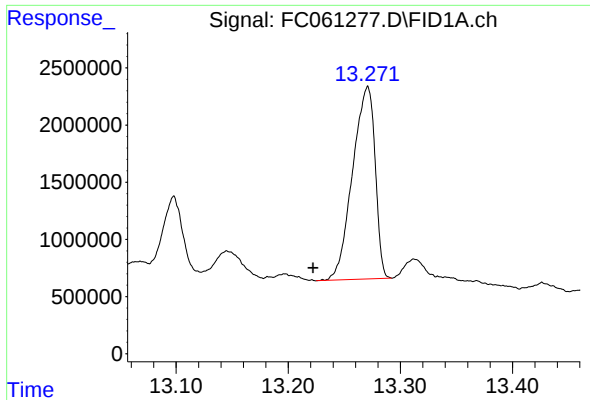
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.058 min
Response: 32720917
Conc: 210.48 ug/ml m



#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.049 min
Response: 23476878
Conc: 150.09 ug/ml

Instrument :

FID_C

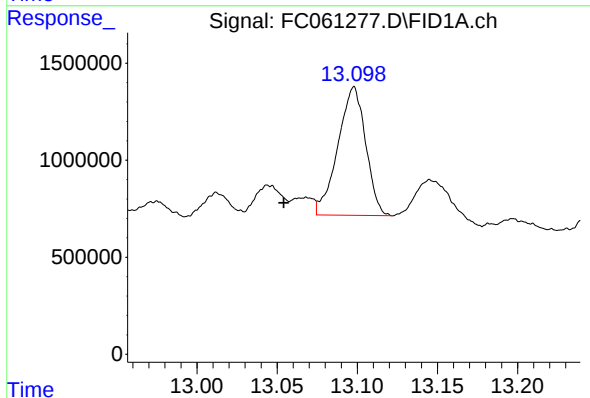
ClientSampleId :

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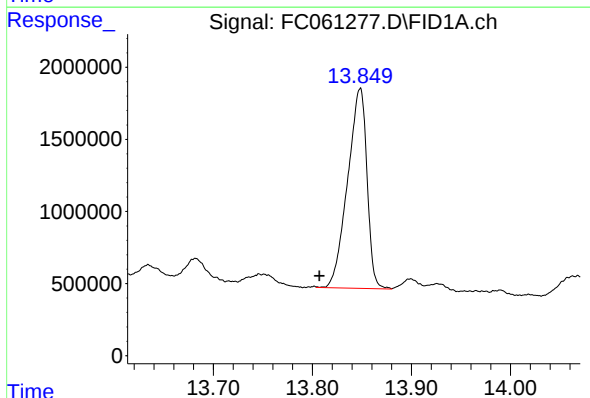
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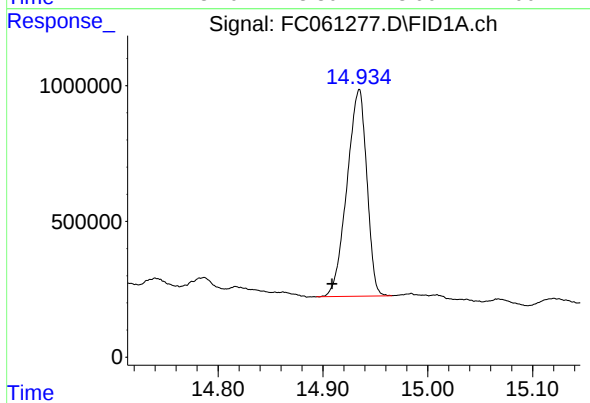
#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min
Delta R.T.: 0.044 min
Response: 7978353
Conc: 56.97 ug/ml m



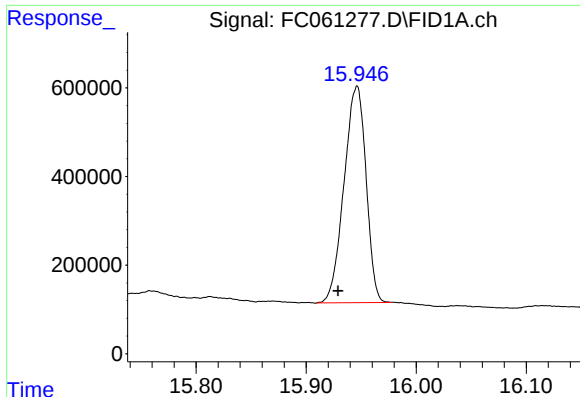
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: 0.042 min
Response: 18803310
Conc: 121.17 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: 0.026 min
Response: 10024475
Conc: 64.80 ug/ml m



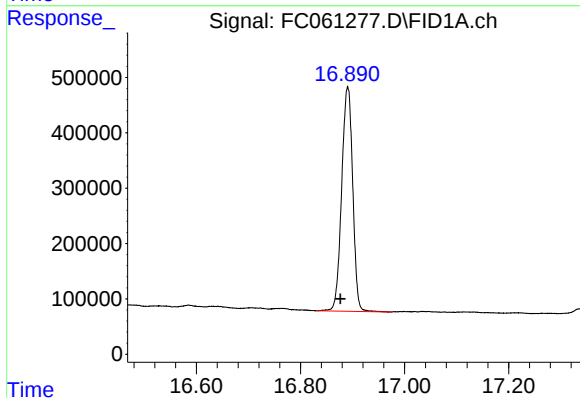
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: 0.017 min
Response: 6793469
Conc: 45.14 ug/ml

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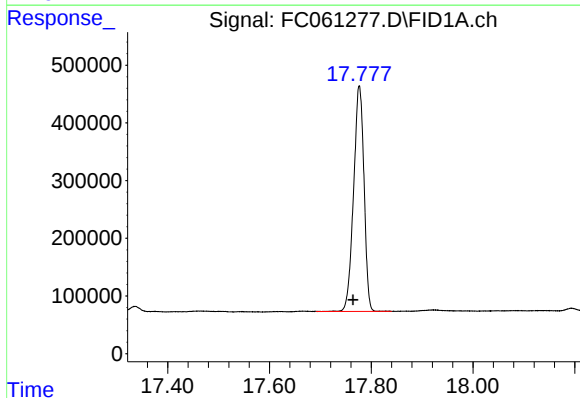
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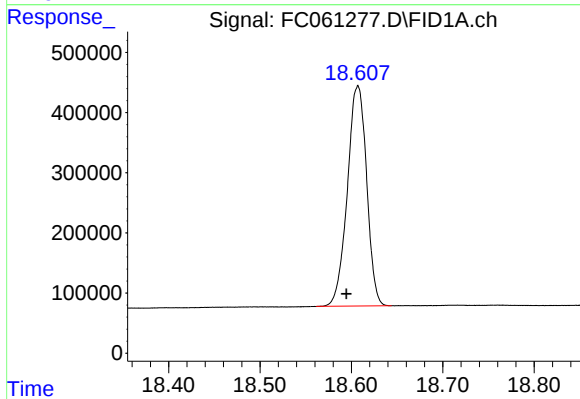
#16 n-Octacosane (C28)

R.T.: 16.891 min
Delta R.T.: 0.014 min
Response: 5972442
Conc: 40.43 ug/ml



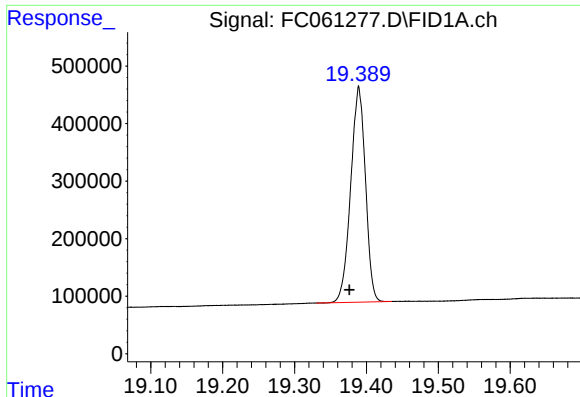
#17 n-Tricontane (C30)

R.T.: 17.777 min
Delta R.T.: 0.013 min
Response: 5561623
Conc: 40.27 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: 0.012 min
Response: 5374414
Conc: 48.96 ug/ml m



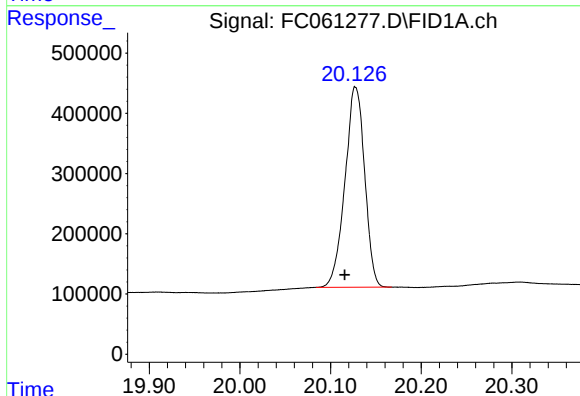
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: 0.013 min
Response: 5328187
Conc: 69.03 ug/ml

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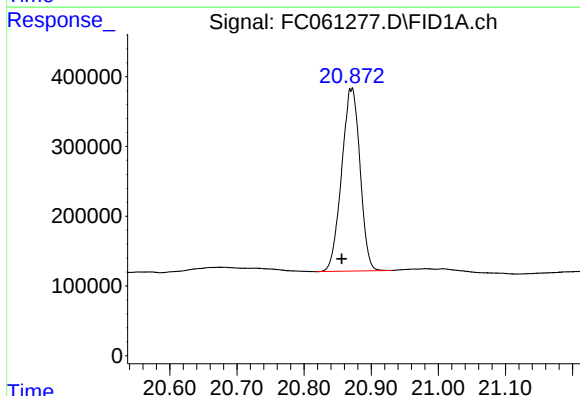
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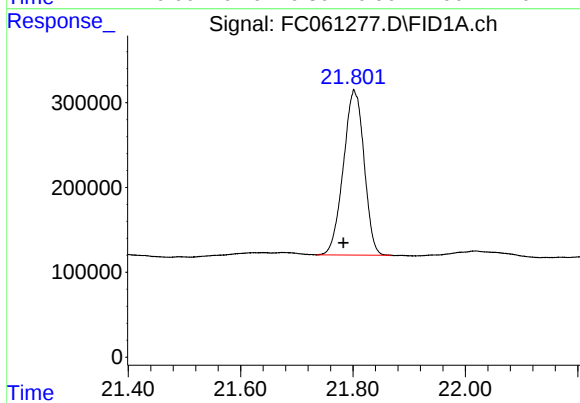
#20 n-Hexatriacontane (C36)

R.T.: 20.126 min
Delta R.T.: 0.011 min
Response: 5017672
Conc: 88.87 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.872 min
Delta R.T.: 0.016 min
Response: 4991168
Conc: 107.59 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.801 min
Delta R.T.: 0.018 min
Response: 4969241
Conc: 118.47 ug/ml m