

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051923AL\
 Data File : FC063654.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2023 00:37
 Operator : YP/AJ
 Sample : 02837-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTE-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/22/2023
 Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e
 Quant Time: May 20 04:31:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 2023
 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...	13.010	6834625	52.194 ug/mlm
Spiked Amount 50.000		Recovery =	104.39%
Target Compounds			
1) T n-Nonane (C9)	3.303	6654512	41.564 ug/ml
2) T n-Decane (C10)	4.372	11443254	70.718 ug/mlm
4) T n-Dodecane (C12)	6.417	10108853	62.099 ug/mlm
6) T n-Tetradecane (C14)	8.228f	12823287	81.195 ug/mlm
7) T n-Hexadecane (C16)	9.794	14664897	91.412 ug/mlm
8) T n-Octadecane (C18)	11.279f	13934422	87.004 ug/mlm
10) T n-Eicosane (C20)	12.577f	12922885	85.179 ug/mlm
11) T n-Heneicosane (C21)	13.178	7387293	50.409 ug/mlm
13) T n-Docosane (C22)	13.751	8279441	57.376 ug/mlm
14) T n-Tetracosane (C24)	14.834	6714845	47.736 ug/mlm
15) T n-Hexacosane (C26)	15.840	6519976	47.741 ug/mlm
16) T n-Octacosane (C28)	16.784	6540487	49.449 ug/ml
17) T n-Tricontane (C30)	17.667	6454952	48.006 ug/ml
18) T n-Dotriacontane (C32)	18.496	6369641	47.705 ug/ml
19) T n-Tetratriacontane (C34)	19.275	6378653	49.139 ug/ml
20) T n-Hexatriacontane (C36)	20.012	6180652	49.909 ug/ml
21) T n-Octatriacontane (C38)	20.739	6255821	50.064 ug/ml
22) T n-Tetracontane (C40)	21.628	6243298	50.787 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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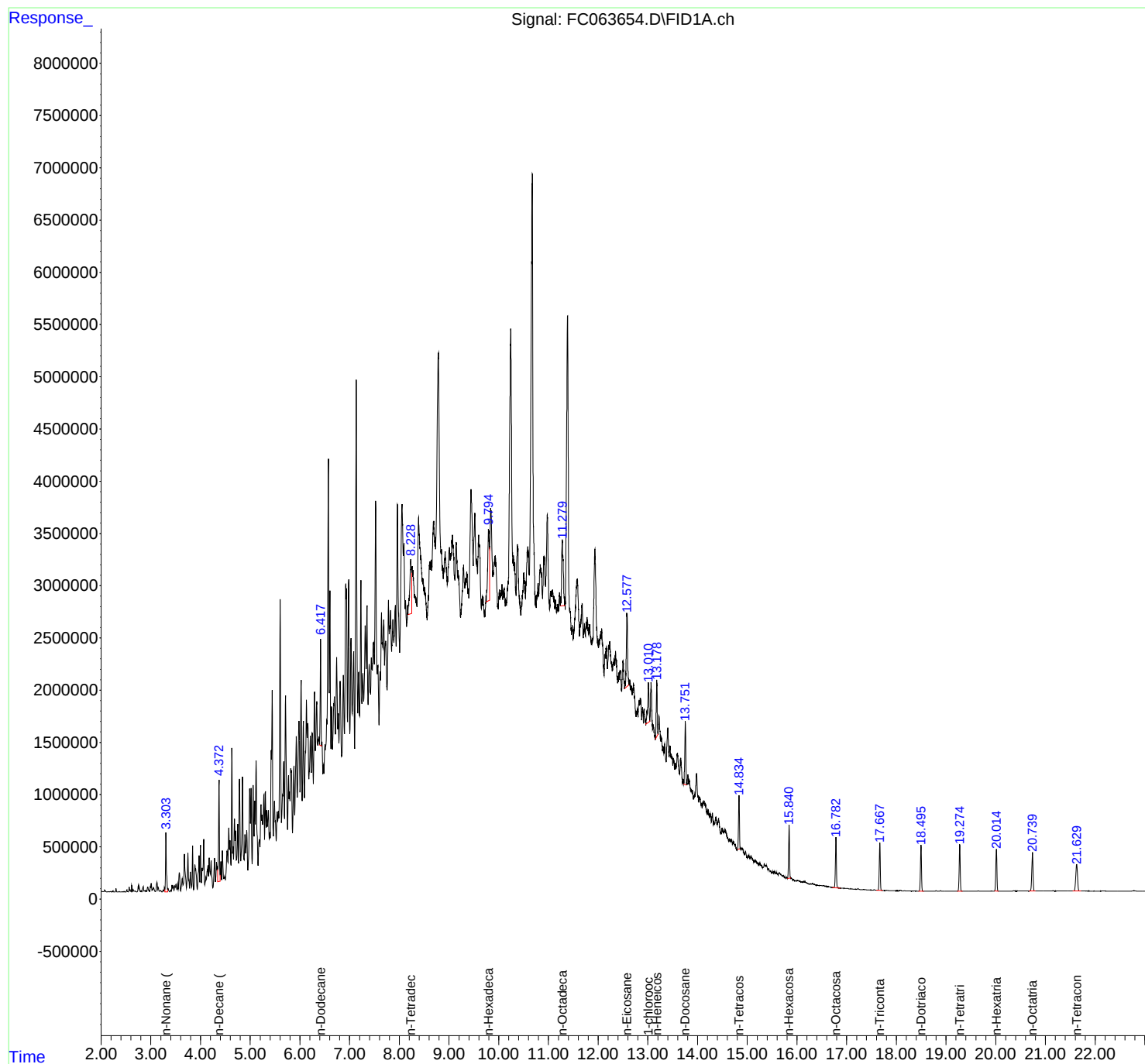
Response via : Initial Calibration

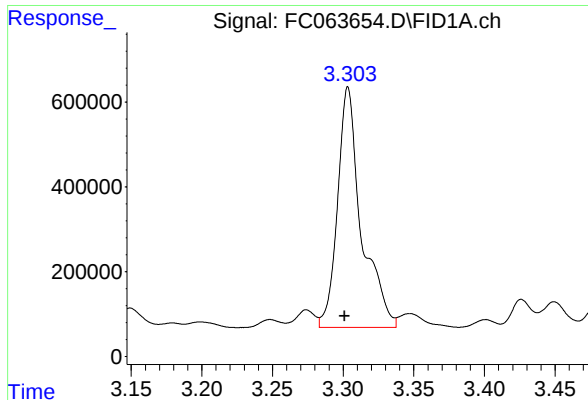
Integrator: ChemStation

Volume Inj. : 1 ul

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Signal Info : 20M x 0.18mm x 0.18um





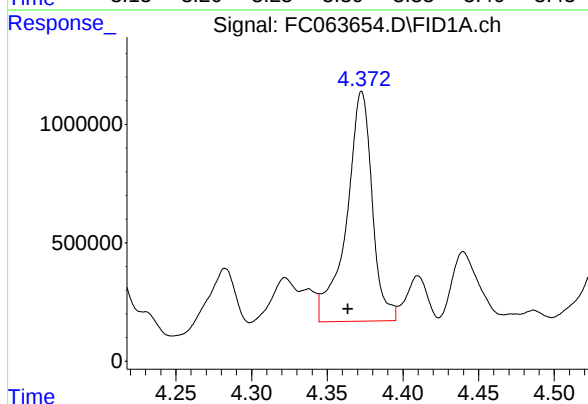
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 6654512
Conc: 41.56 ug/ml

Instrument :
FID_C
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WASTE-1MS

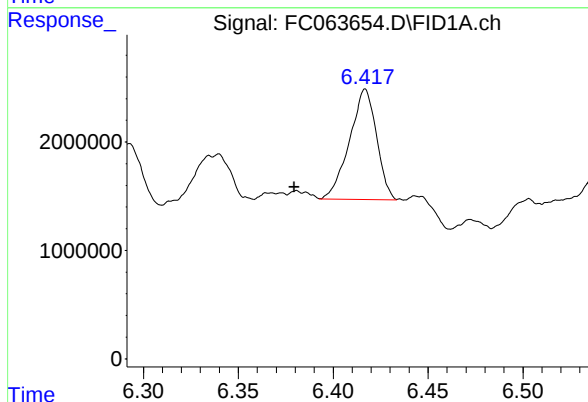
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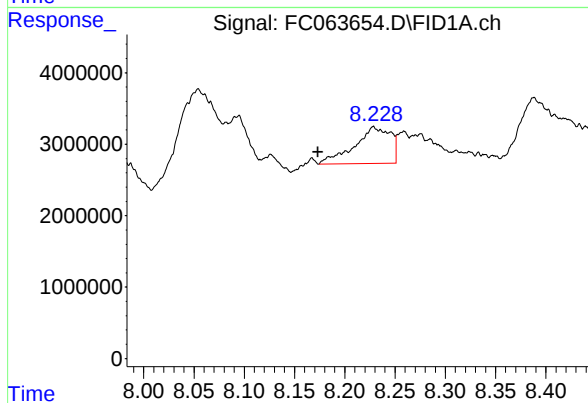
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: 0.009 min
Response: 11443254
Conc: 70.72 ug/ml m



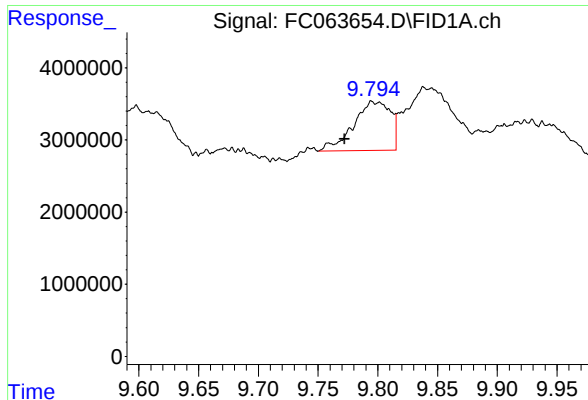
#4 n-Dodecane (C12)

R.T.: 6.417 min
Delta R.T.: 0.037 min
Response: 10108853
Conc: 62.10 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.055 min
Response: 12823287
Conc: 81.20 ug/ml m



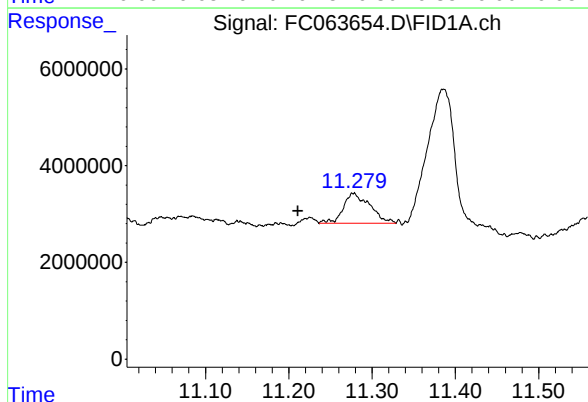
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.022 min
Response: 14664897
Conc: 91.41 ug/ml

Instrument :
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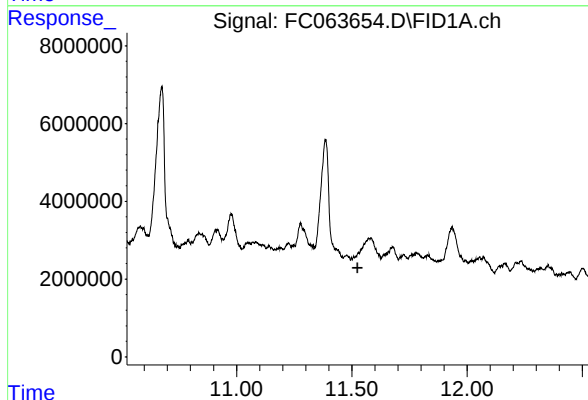
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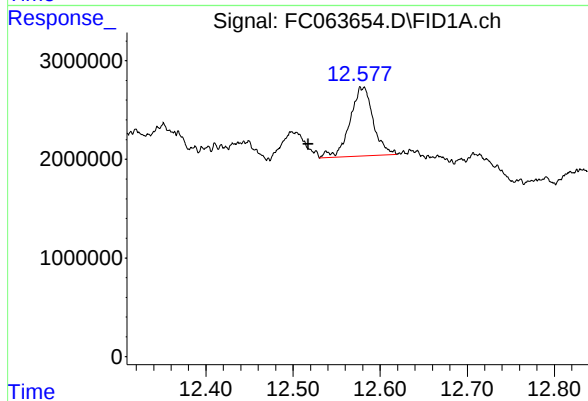
#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: 0.068 min
Response: 13934422
Conc: 87.00 ug/ml m



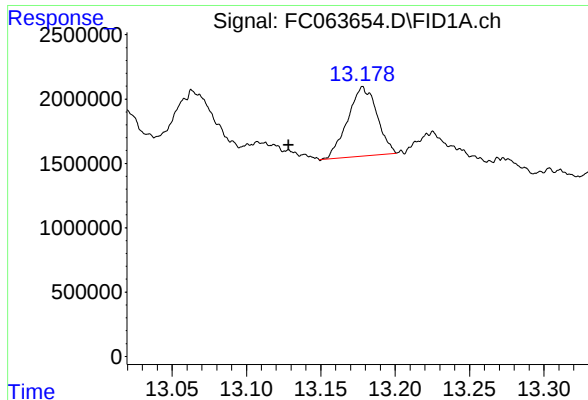
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.524 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: 0.059 min
Response: 12922885
Conc: 85.18 ug/ml m



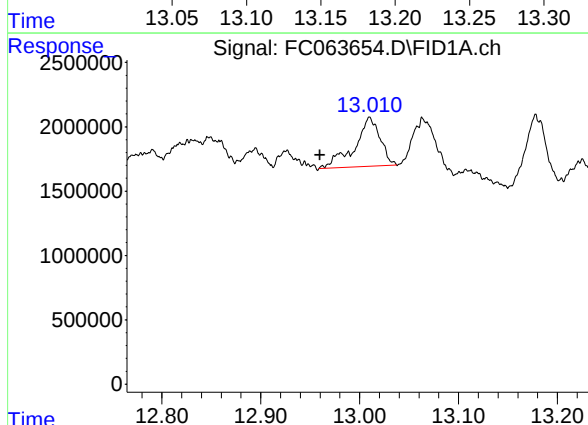
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: 0.050 min
Response: 7387293
Conc: 50.41 ug/ml

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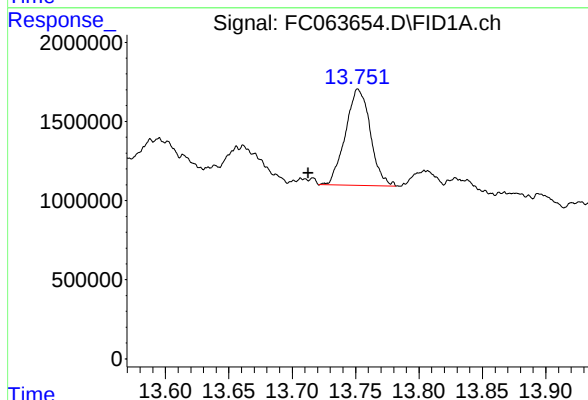
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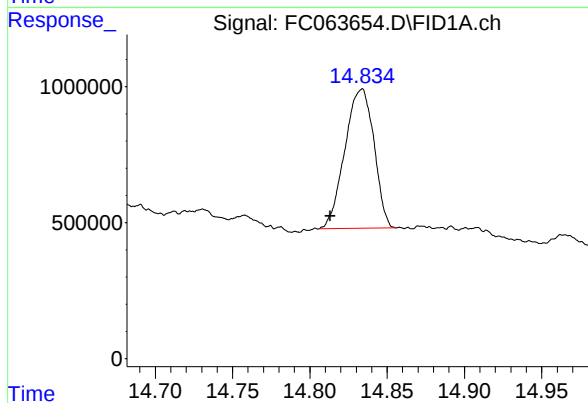
#12 1-chlorooctadecane (SURR)

R.T.: 13.010 min
Delta R.T.: 0.050 min
Response: 6834625
Conc: 52.19 ug/ml m



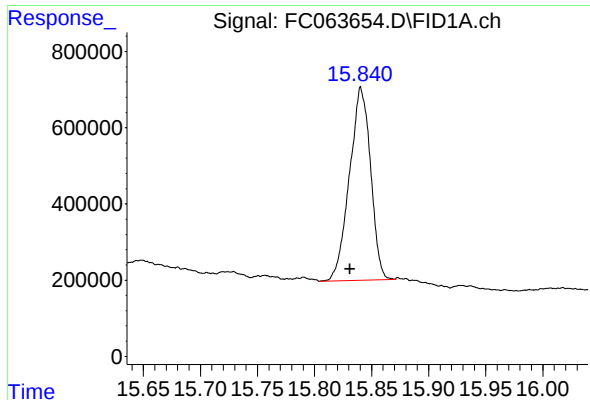
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: 0.038 min
Response: 8279441
Conc: 57.38 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: 0.021 min
Response: 6714845
Conc: 47.74 ug/ml m



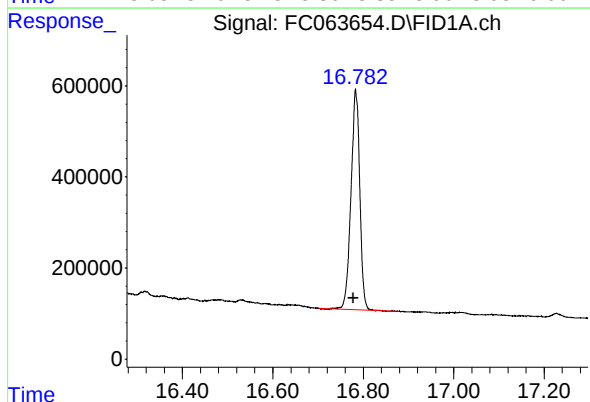
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.009 min
Response: 6519976
Conc: 47.74 ug/ml

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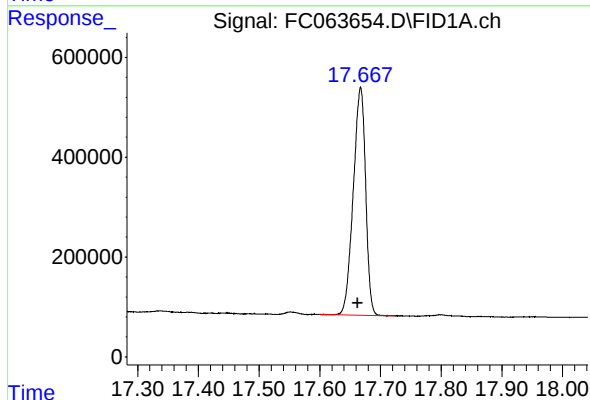
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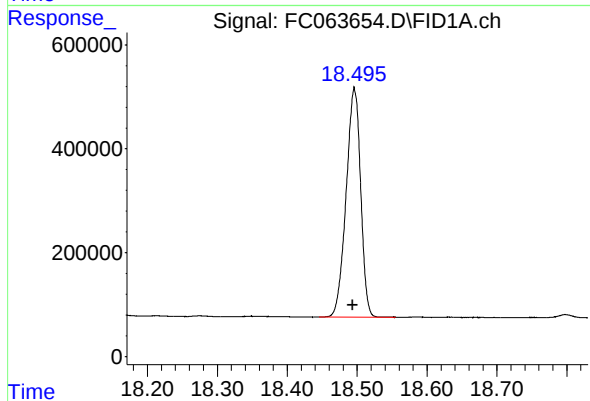
#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: 0.006 min
Response: 6540487
Conc: 49.45 ug/ml



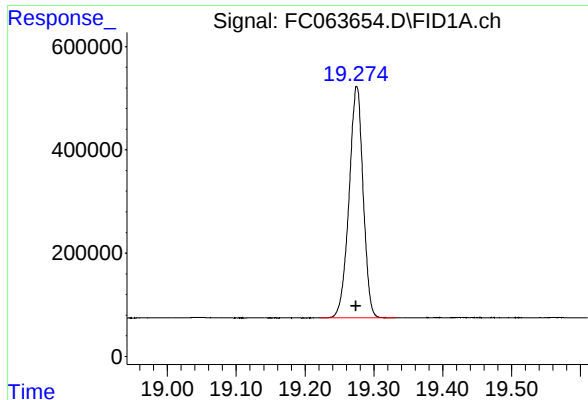
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: 0.005 min
Response: 6454952
Conc: 48.01 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: 0.002 min
Response: 6369641
Conc: 47.70 ug/ml



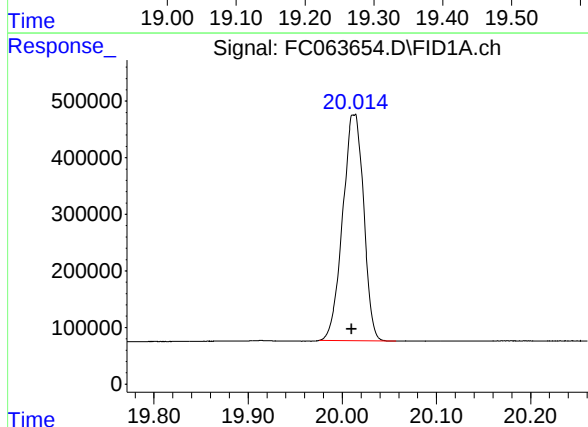
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.001 min
Response: 6378653
Conc: 49.14 ug/ml

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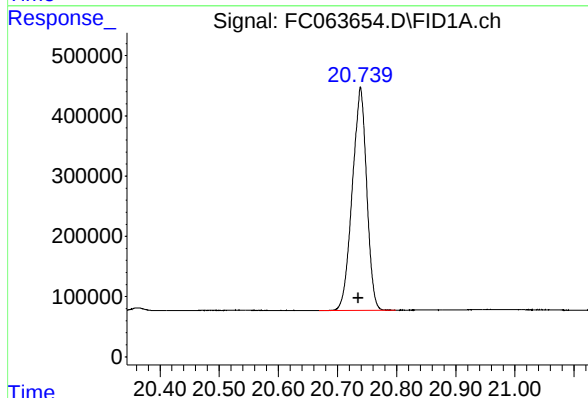
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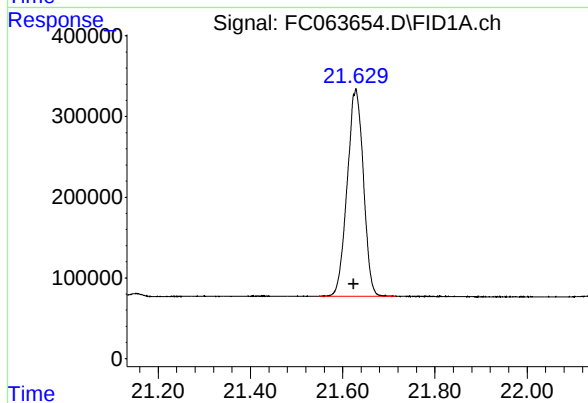
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: 0.002 min
Response: 6180652
Conc: 49.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: 0.004 min
Response: 6255821
Conc: 50.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.628 min
Delta R.T.: 0.004 min
Response: 6243298
Conc: 50.79 ug/ml