

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090523AL\
 Data File : FC064507.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2023 23:58
 Operator : YP/AJ
 Sample : 04255-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTE-DOVERMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 06 04:15:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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...	12.941	8372707	54.913 ug/mlm
Spiked Amount 50.000		Recovery =	109.83%
Target Compounds			
1) T n-Nonane (C9)	3.308	27274377	154.532 ug/ml
2) T n-Decane (C10)	4.391	86621416	493.791 ug/ml
4) T n-Dodecane (C12)	6.444	178144442	999.442 ug/mlm
6) T n-Tetradecane (C14)	8.269f	213939737	1226.327 ug/mlm
7) T n-Hexadecane (C16)	9.870f	228053728	1319.643 ug/mlm
8) T n-Octadecane (C18)	11.297f	152111567	868.829 ug/mlm
10) T n-Eicosane (C20)	12.580f	101339937	599.078 ug/mlm
11) T n-Heneicosane (C21)	13.177f	71887597	430.712 ug/mlm
13) T n-Docosane (C22)	13.746	50821651	311.577 ug/mlm
14) T n-Tetracosane (C24)	14.816	19045307	119.595 ug/mlm
15) T n-Hexacosane (C26)	15.819	6658212	43.096 ug/mlm
16) T n-Octacosane (C28)	16.761	4313476	29.135 ug/mlm
17) T n-Tricontane (C30)	17.644	3719332	25.463 ug/ml
18) T n-Dotriacontane (C32)	18.473	3550523	25.135 ug/ml
19) T n-Tetratriacontane (C34)	19.253	3485392	26.086 ug/ml
20) T n-Hexatriacontane (C36)	19.990	3310965	25.875 ug/ml
21) T n-Octatriacontane (C38)	20.714	3293063	26.817 ug/ml
22) T n-Tetracontane (C40)	21.595	3211004	27.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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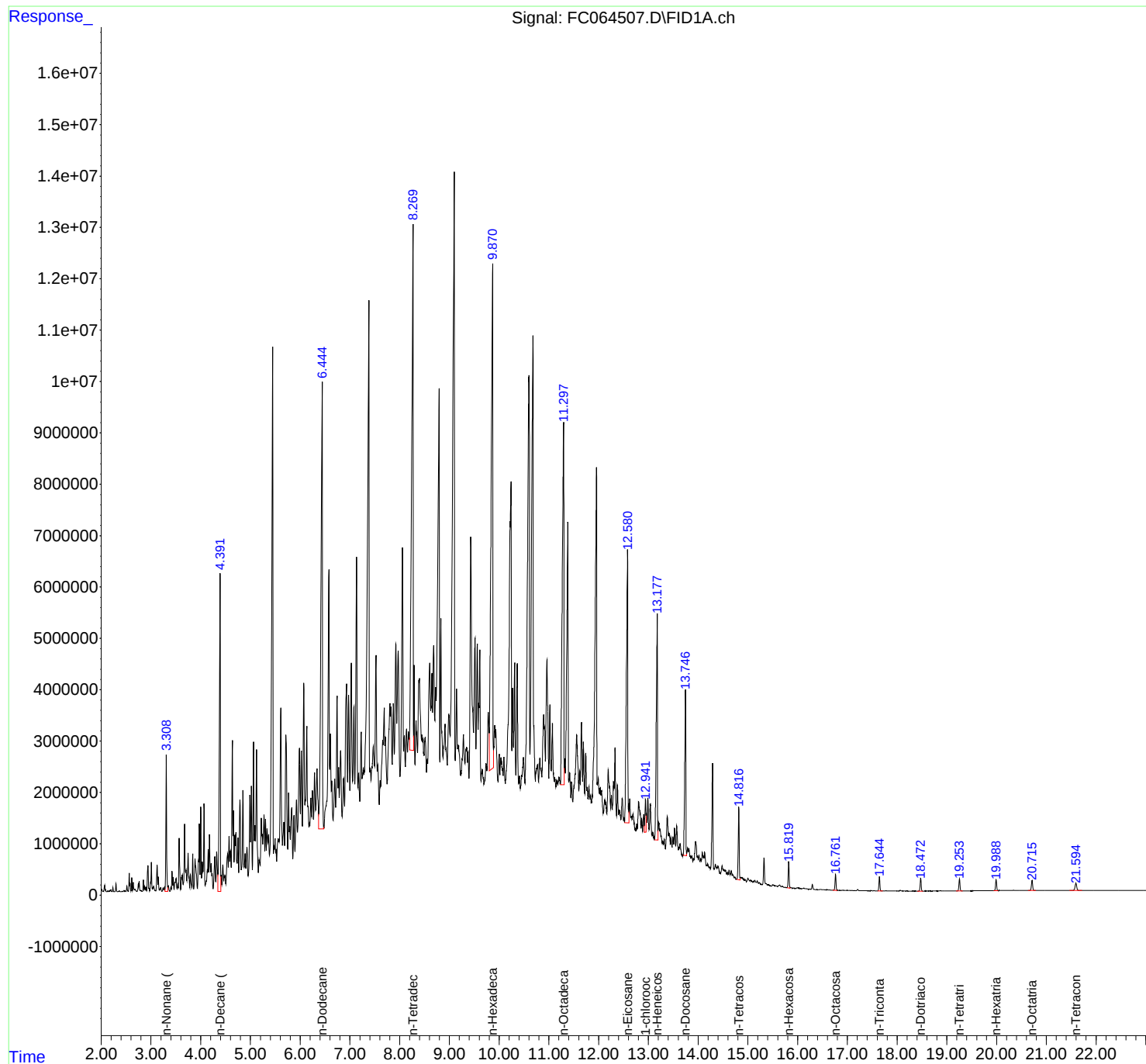
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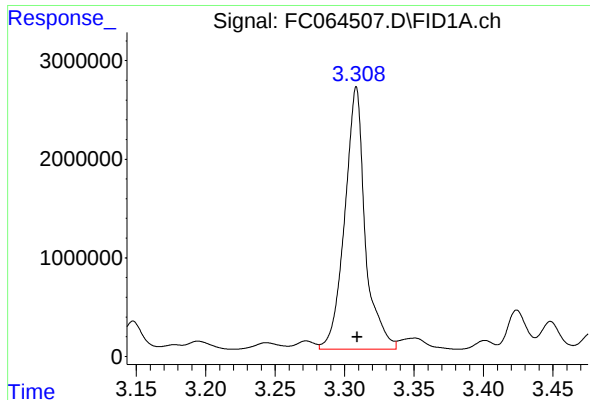
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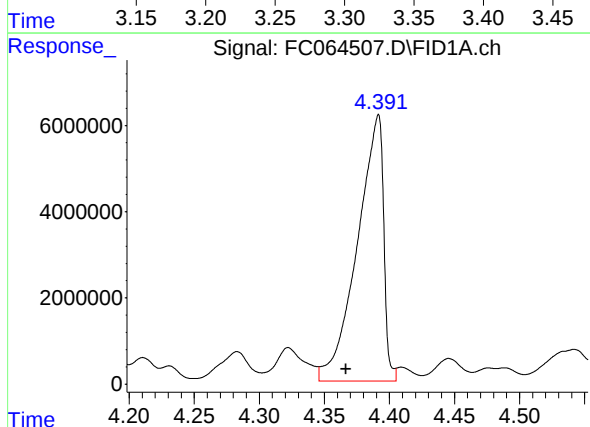
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: 0.000 min
Response: 27274377
Conc: 154.53 ug/ml

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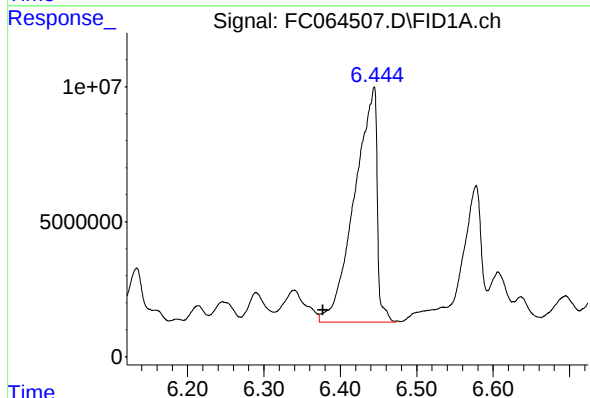
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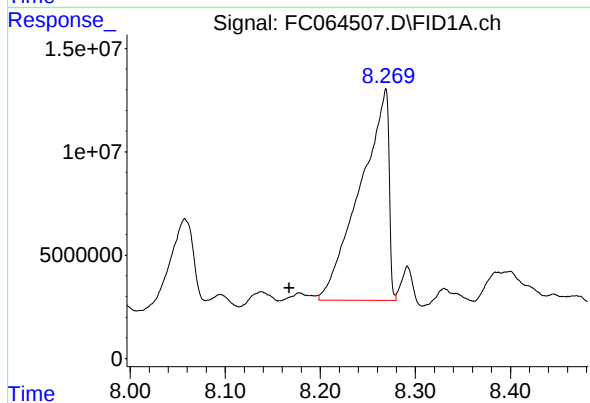
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: 0.025 min
Response: 86621416
Conc: 493.79 ug/ml



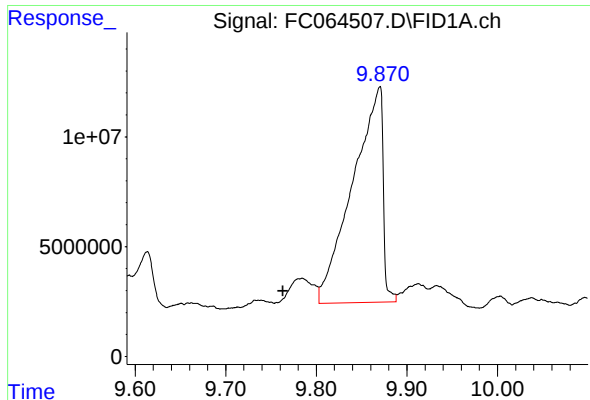
#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: 0.067 min
Response: 178144442
Conc: 999.44 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.269 min
Delta R.T.: 0.102 min
Response: 213939737
Conc: 1226.33 ug/ml m



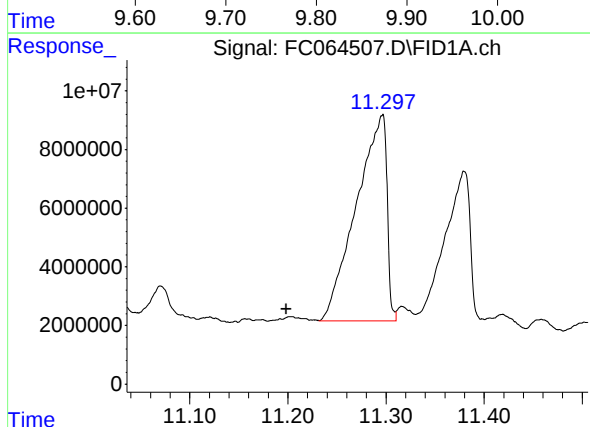
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: 0.107 min
Response: 228053728
Conc: 1319.64 ug/ml

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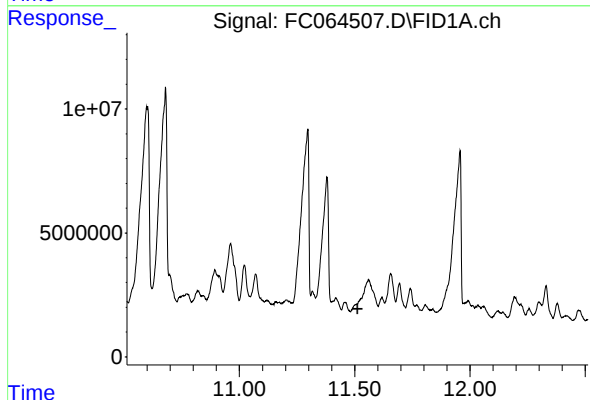
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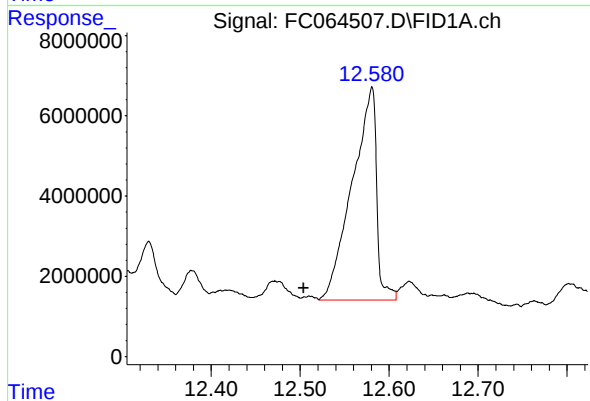
#8 n-Octadecane (C18)

R.T.: 11.297 min
Delta R.T.: 0.098 min
Response: 152111567
Conc: 868.83 ug/ml m



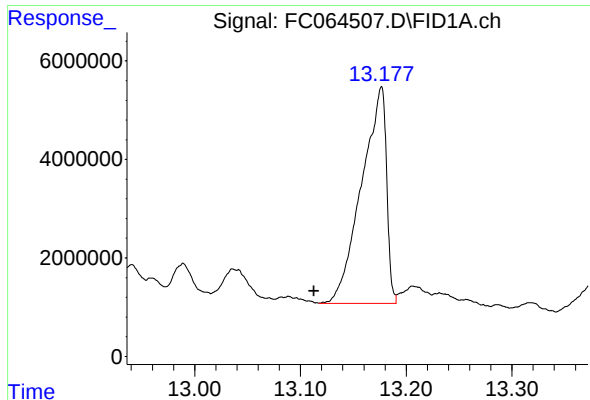
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.512 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.076 min
Response: 101339937
Conc: 599.08 ug/ml m



#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: 0.064 min
Response: 71887597
Conc: 430.71 ug/ml

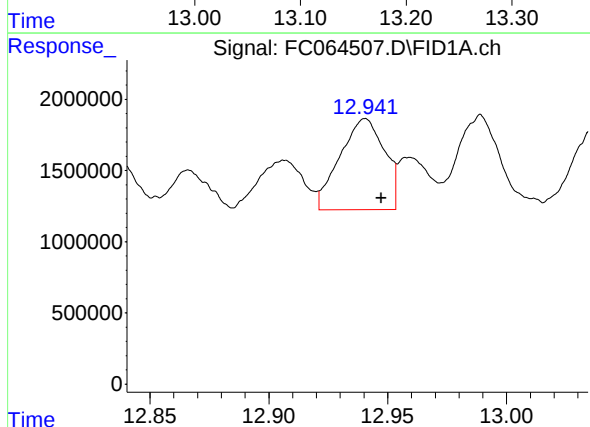
Instrument :

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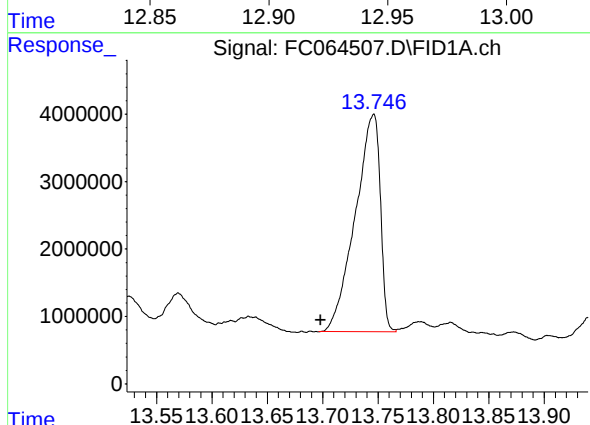
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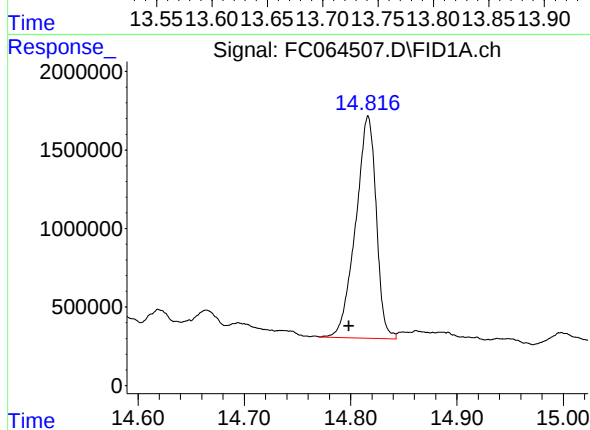
#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.007 min
Response: 8372707
Conc: 54.91 ug/ml m



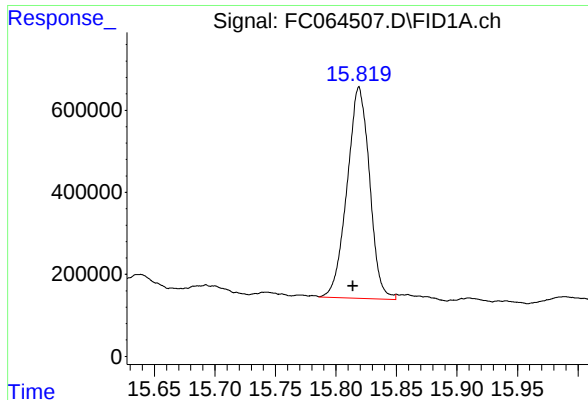
#13 n-Docosane (C22)

R.T.: 13.746 min
Delta R.T.: 0.048 min
Response: 50821651
Conc: 311.58 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: 0.018 min
Response: 19045307
Conc: 119.59 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.005 min
Response: 6658212
Conc: 43.10 ug/ml

Instrument :

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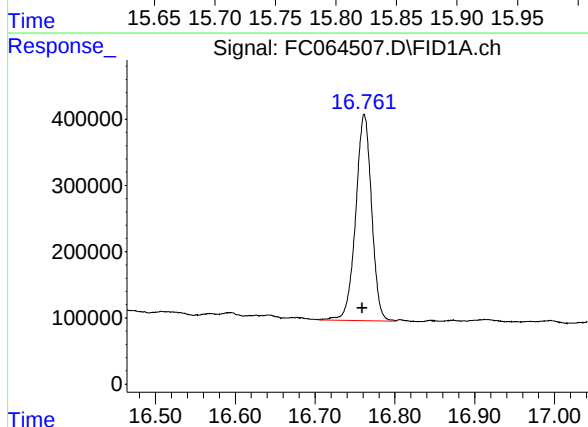
ClientSampleId :

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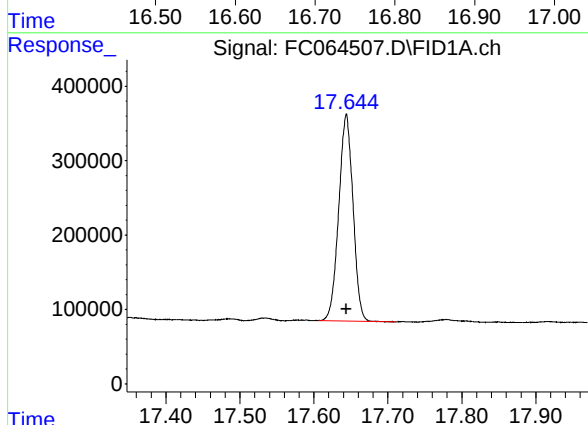
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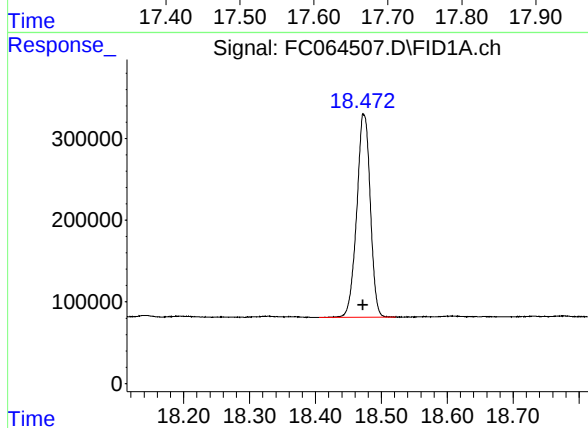
#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.002 min
Response: 4313476
Conc: 29.14 ug/ml m



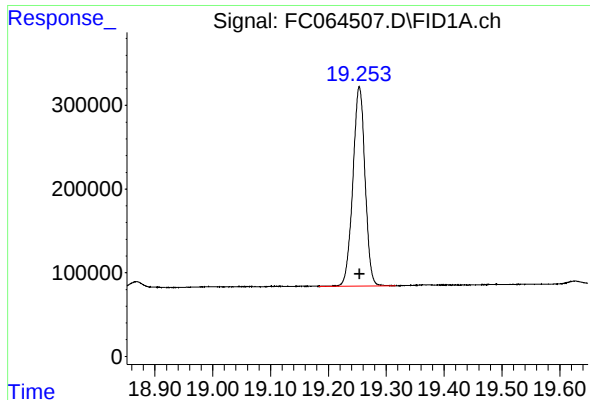
#17 n-Tricontane (C30)

R.T.: 17.644 min
Delta R.T.: 0.000 min
Response: 3719332
Conc: 25.46 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.001 min
Response: 3550523
Conc: 25.14 ug/ml



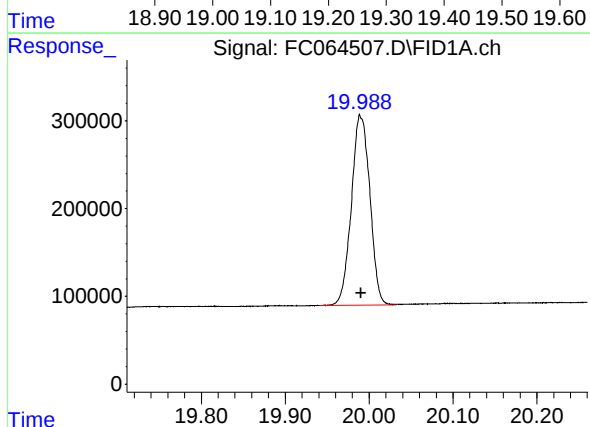
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.000 min
Response: 3485392
Conc: 26.09 ug/ml

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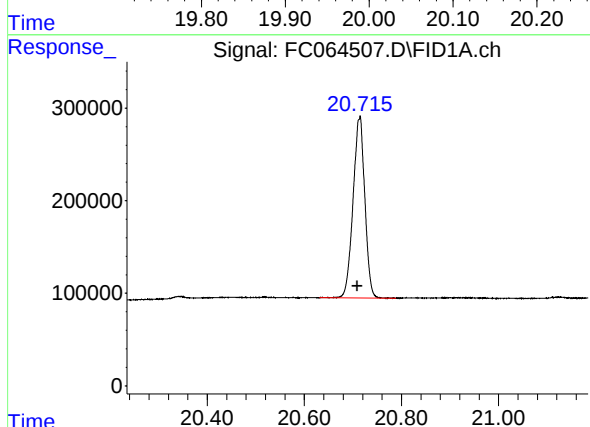
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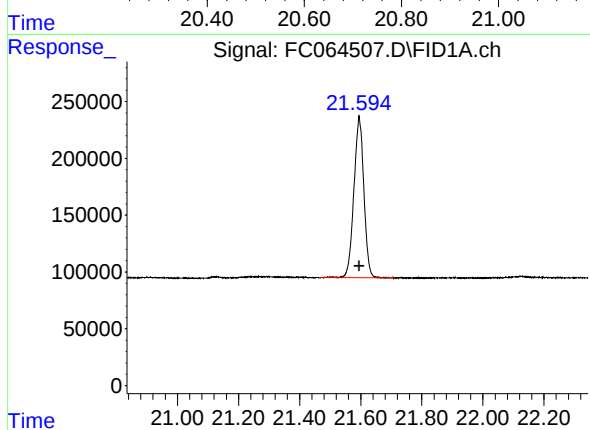
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.000 min
Response: 3310965
Conc: 25.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.005 min
Response: 3293063
Conc: 26.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: 0.000 min
Response: 3211004
Conc: 27.65 ug/ml