

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091323AL\
 Data File : FC064561.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2023 20:24
 Operator : YP/AJ
 Sample : 04392-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :Ankita Jodhani 09/14/2023

Integration File: autoint1.e
 Quant Time: Sep 14 02:26:21 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...	12.940	35345662	231.817 ug/ml
Spiked Amount 50.000		Recovery =	463.63%
Target Compounds			
1) T n-Nonane (C9)	3.303	25906579	146.782 ug/ml
2) T n-Decane (C10)	4.390	93528914	533.168 ug/ml
4) T n-Dodecane (C12)	6.464	285058837	1599.263 ug/mlm
6) T n-Tetradecane (C14)	8.293f	350144487	2007.069 ug/mlm
7) T n-Hexadecane (C16)	9.900f	403122709	2332.688 ug/mlm
8) T n-Octadecane (C18)	11.326f	267686238	1528.968 ug/mlm
10) T n-Eicosane (C20)	12.596f	162146535	958.540 ug/mlm
11) T n-Heneicosane (C21)	13.184f	108617307	650.776 ug/mlm
13) T n-Docosane (C22)	13.750f	71482940	438.247 ug/mlm
14) T n-Tetracosane (C24)	14.816	25065387	157.398 ug/mlm
15) T n-Hexacosane (C26)	15.816	9579868	62.006 ug/mlm
16) T n-Octacosane (C28)	16.758	6559736	44.308 ug/mlm
17) T n-Tricontane (C30)	17.642	5993012	41.029 ug/ml
18) T n-Dotriacontane (C32)	18.468	5637604	39.910 ug/ml
19) T n-Tetratriacontane (C34)	19.250	5521788	41.326 ug/ml
20) T n-Hexatriacontane (C36)	19.986	5310347	41.500 ug/ml
21) T n-Octatriacontane (C38)	20.706	5333438	43.433 ug/ml
22) T n-Tetracontane (C40)	21.587	5266991	45.354 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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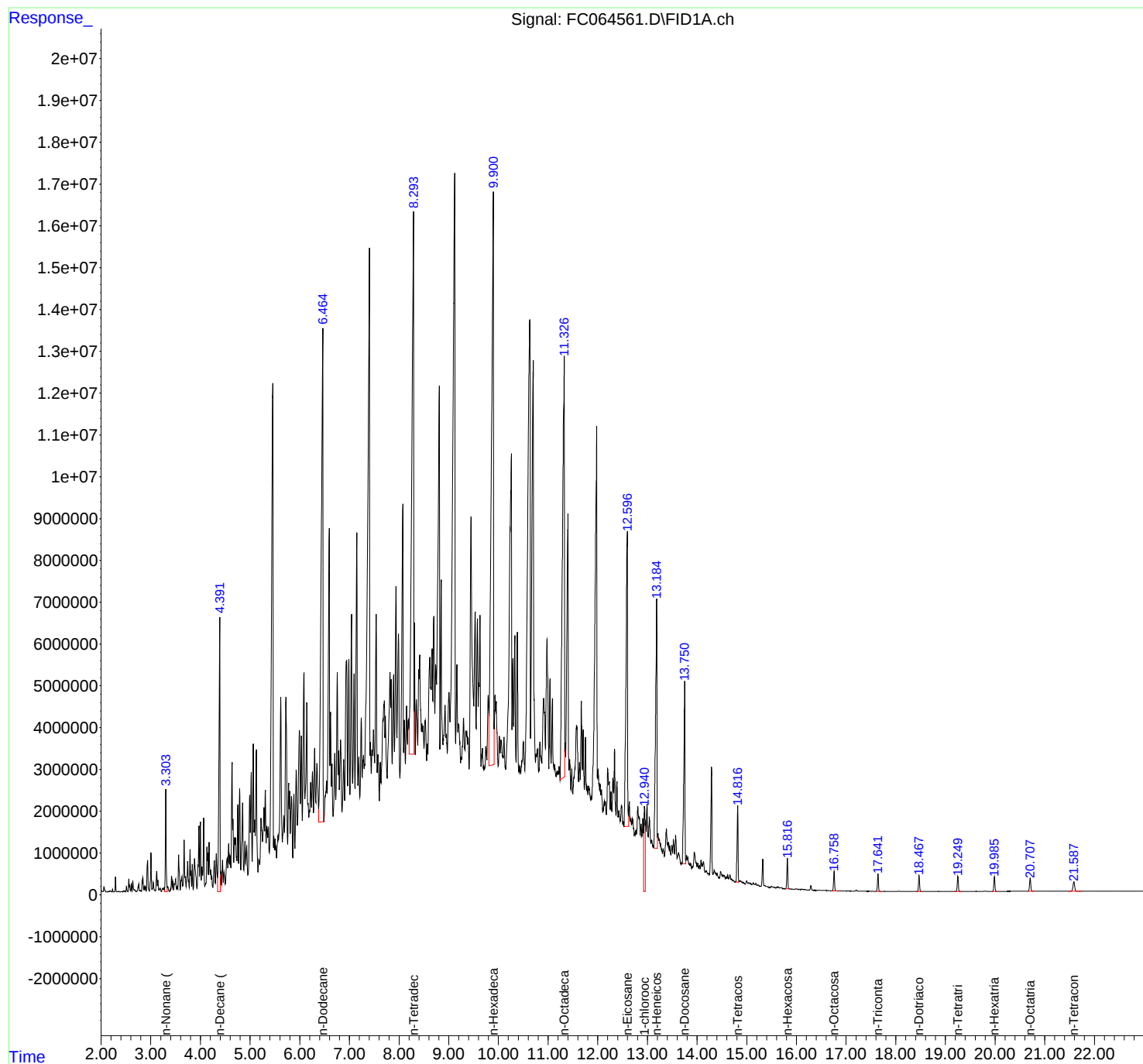
Response via : Initial Calibration

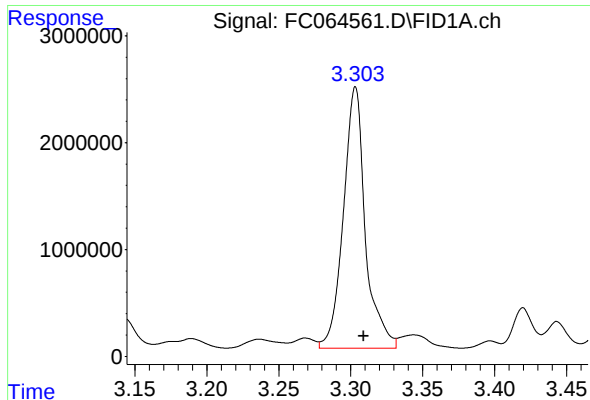
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





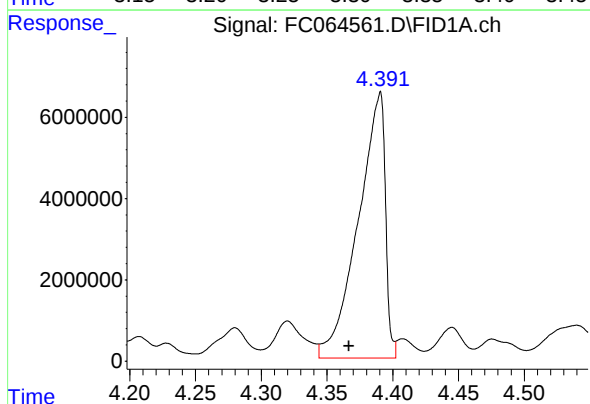
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.006 min
Response: 25906579
Conc: 146.78 ug/ml

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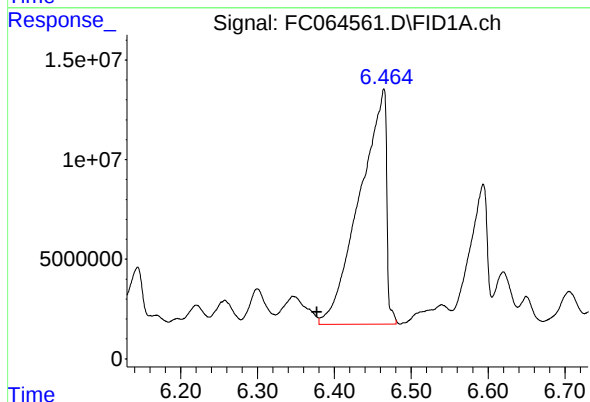
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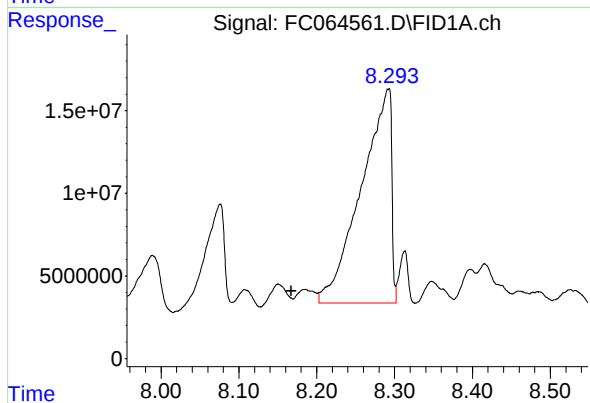
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: 0.023 min
Response: 93528914
Conc: 533.17 ug/ml



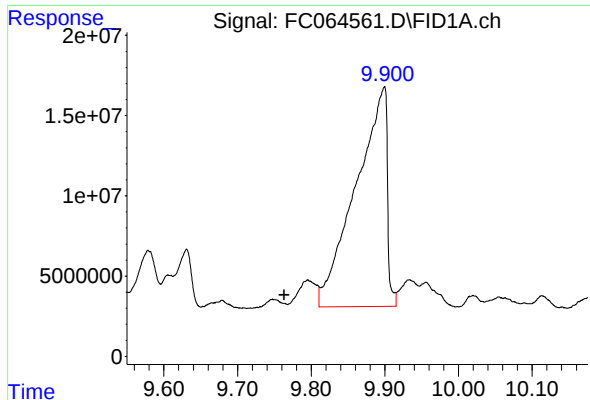
#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: 0.087 min
Response: 285058837
Conc: 1599.26 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.126 min
Response: 350144487
Conc: 2007.07 ug/ml m



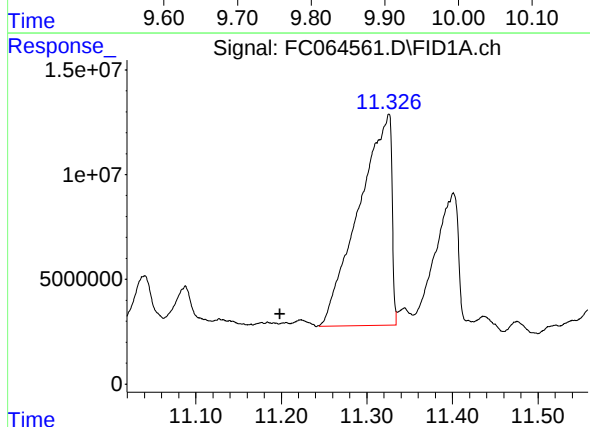
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.136 min
Response: 403122709
Conc: 2332.69 ug/ml

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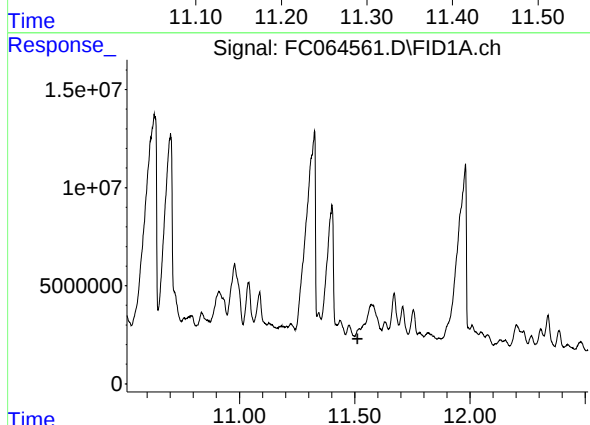
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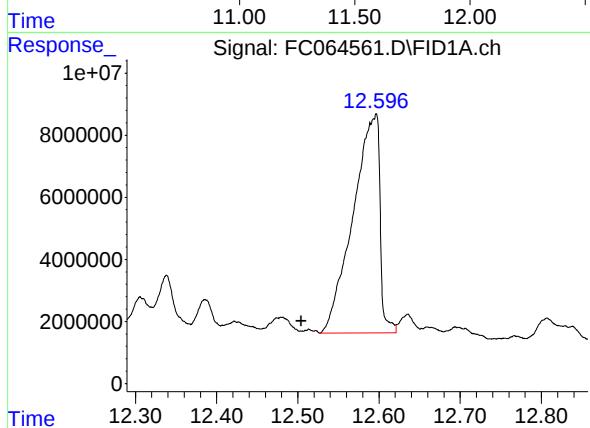
#8 n-Octadecane (C18)

R.T.: 11.326 min
Delta R.T.: 0.127 min
Response: 267686238
Conc: 1528.97 ug/ml



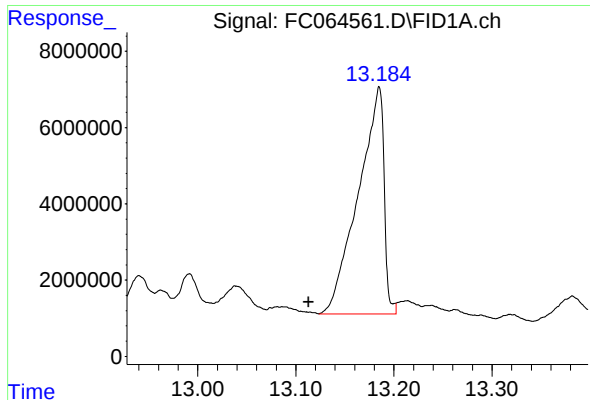
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.596 min
Delta R.T.: 0.092 min
Response: 162146535
Conc: 958.54 ug/ml



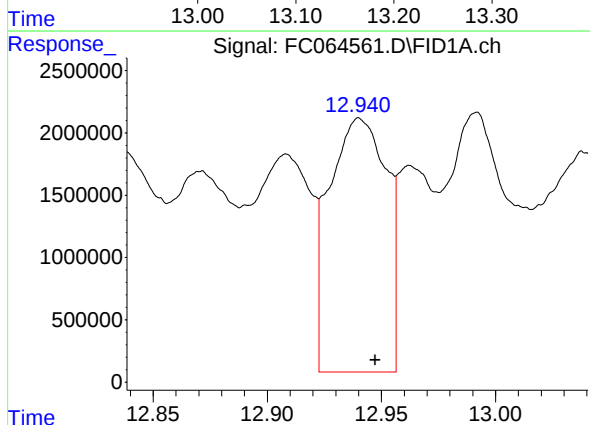
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.071 min
Response: 108617307
Conc: 650.78 ug/ml

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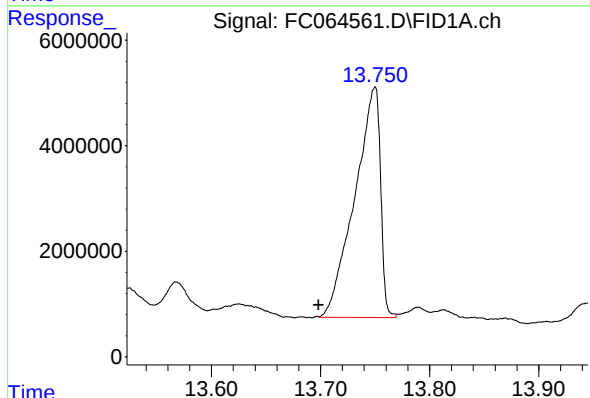
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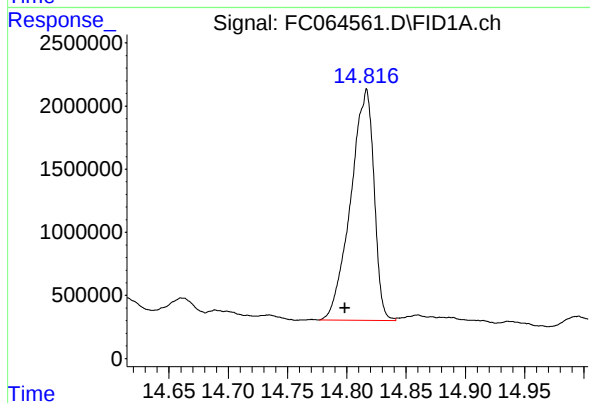
#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.007 min
Response: 35345662
Conc: 231.82 ug/ml



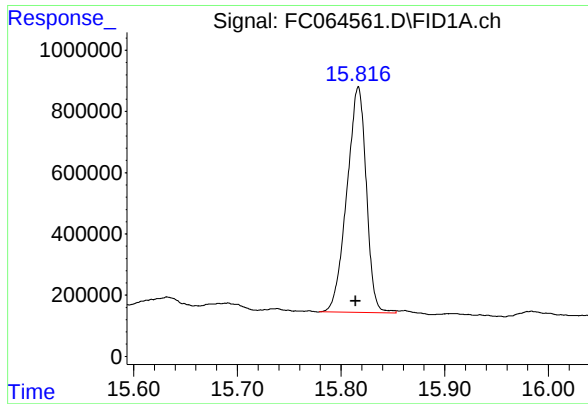
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: 0.052 min
Response: 71482940
Conc: 438.25 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: 0.018 min
Response: 25065387
Conc: 157.40 ug/ml m



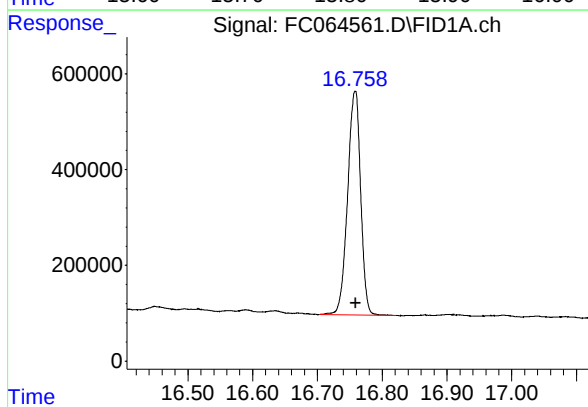
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.002 min
Response: 9579868
Conc: 62.01 ug/ml

Instrument :
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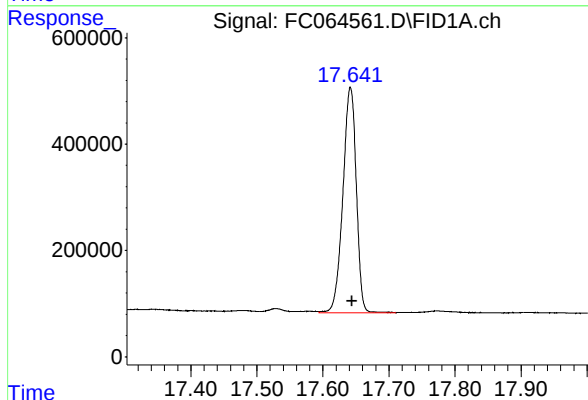
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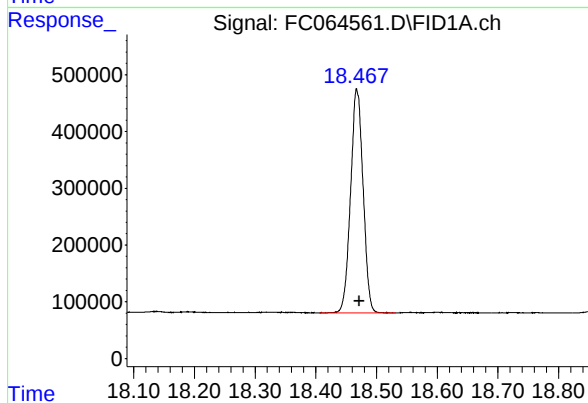
#16 n-Octacosane (C28)

R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 6559736
Conc: 44.31 ug/ml



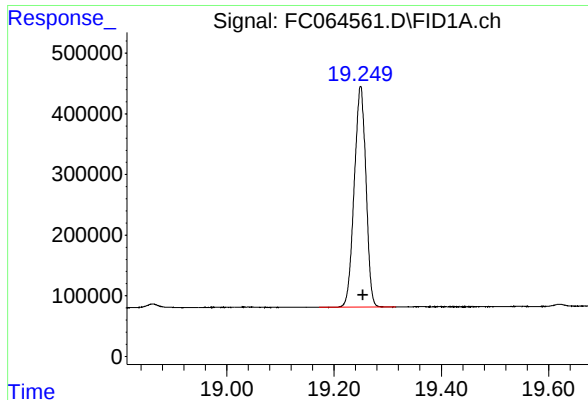
#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: -0.002 min
Response: 5993012
Conc: 41.03 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: -0.004 min
Response: 5637604
Conc: 39.91 ug/ml



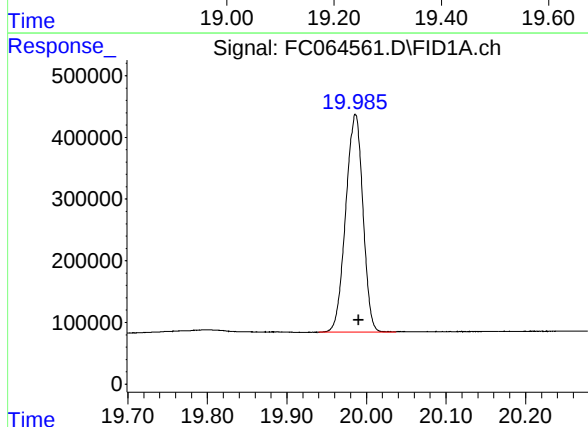
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.004 min
Response: 5521788
Conc: 41.33 ug/ml

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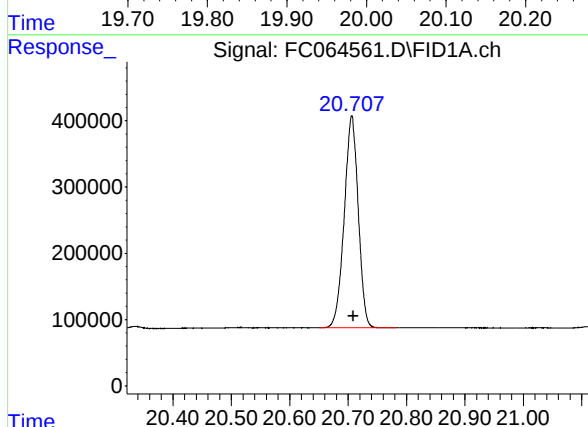
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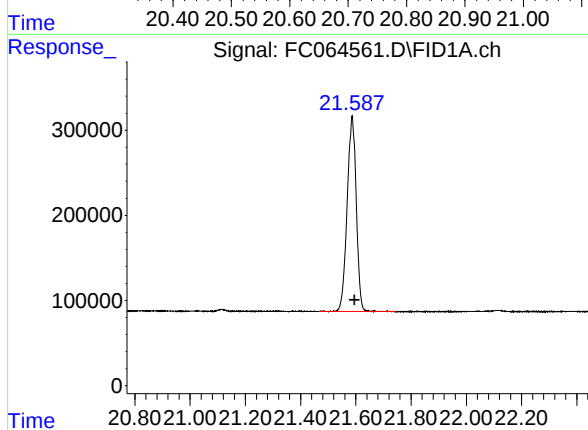
#20 n-Hexatriacontane (C36)

R.T.: 19.986 min
Delta R.T.: -0.004 min
Response: 5310347
Conc: 41.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: -0.002 min
Response: 5333438
Conc: 43.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.587 min
Delta R.T.: -0.009 min
Response: 5266991
Conc: 45.35 ug/ml