

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022725AL\
 Data File : FC068313.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2025 14:40
 Operator : YP/AJ
 Sample : Q1421-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 P001-CLAY-CF01-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e
 Quant Time: Mar 05 04:44:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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...	12.841	4007052	35.626 ug/ml
Spiked Amount 50.000		Recovery =	71.25%
Target Compounds			
1) T n-Nonane (C9)	3.206	4075170	28.968 ug/ml
2) T n-Decane (C10)	4.263	4634108	32.710 ug/ml
4) T n-Dodecane (C12)	6.271	4945718	35.136 ug/ml
6) T n-Tetradecane (C14)	8.060	5044150	36.996 ug/ml
7) T n-Hexadecane (C16)	9.656	5038611	36.787 ug/ml
8) T n-Octadecane (C18)	11.095	5125788	37.481 ug/ml
10) T n-Eicosane (C20)	12.401	5216568	40.039 ug/ml
11) T n-Heneicosane (C21)	13.011	4984588	38.989 ug/ml
13) T n-Docosane (C22)	13.597	4970885	39.443 ug/ml
14) T n-Tetracosane (C24)	14.698	4884334	39.270 ug/ml
15) T n-Hexacosane (C26)	15.716	4778837	39.302 ug/ml
16) T n-Octacosane (C28)	16.665	4638223	39.053 ug/ml
17) T n-Tricontane (C30)	17.551	4684203	38.916 ug/mlm
18) T n-Dotriacontane (C32)	18.384	4515767	38.907 ug/mlm
19) T n-Tetratriacontane (C34)	19.166	4229541	39.141 ug/ml
20) T n-Hexatriacontane (C36)	19.904	3881880	40.365 ug/ml
21) T n-Octatriacontane (C38)	20.617	3693801	41.089 ug/ml
22) T n-Tetracontane (C40)	21.472	3548032	41.008 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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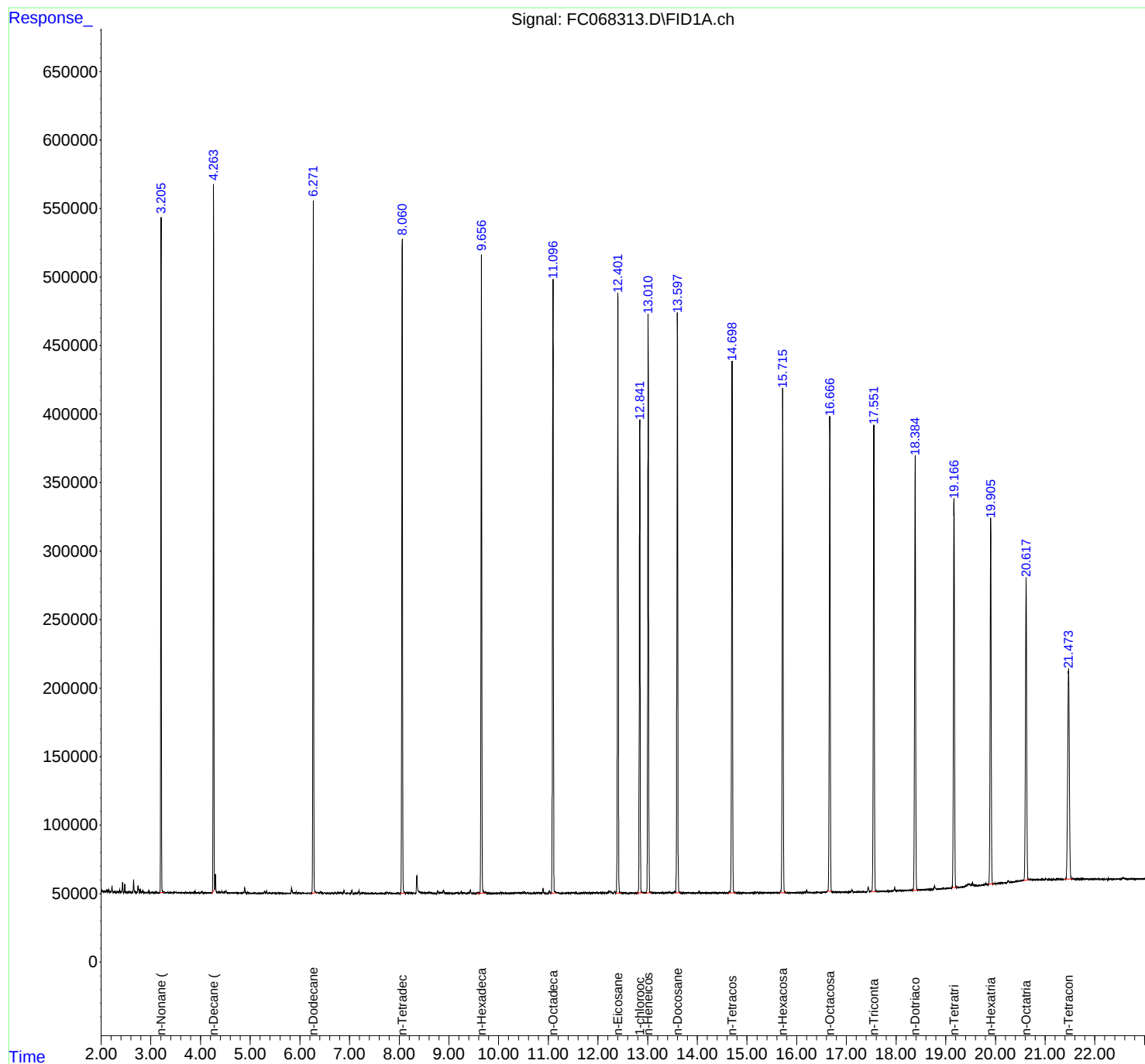
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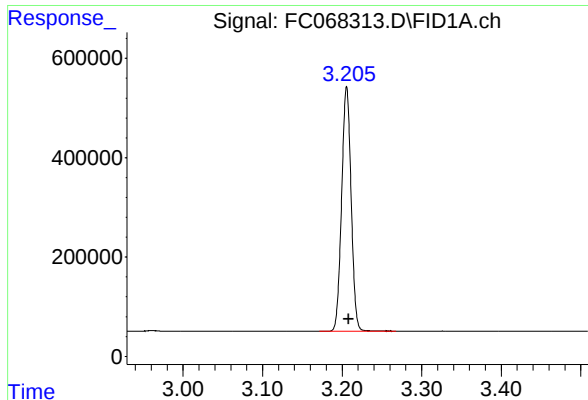
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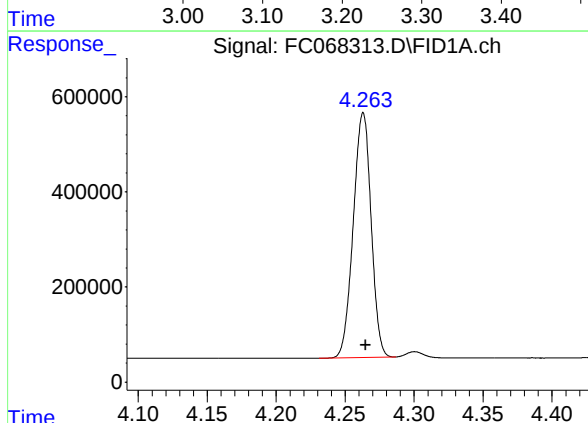
#1 n-Nonane (C9)

R.T.: 3.206 min
Delta R.T.: -0.002 min
Response: 4075170
Conc: 28.97 ug/ml

Instrument : FID_C
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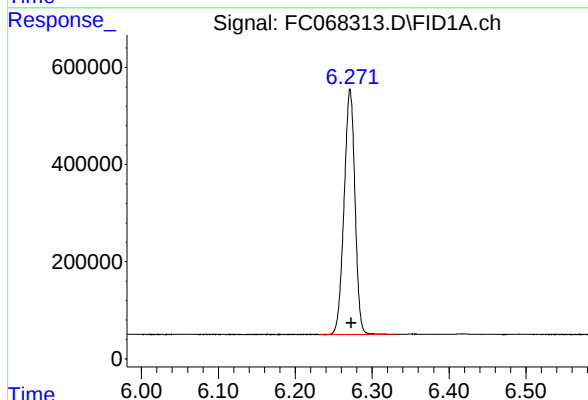
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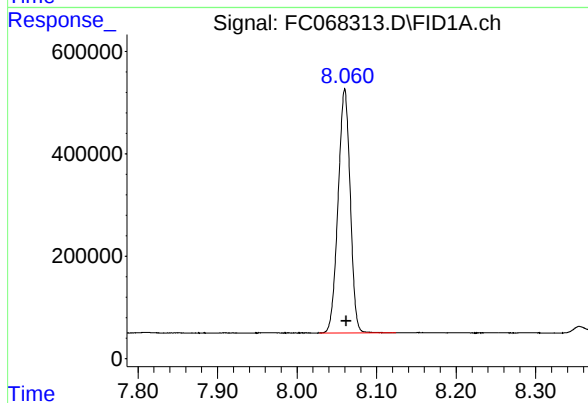
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 4634108
Conc: 32.71 ug/ml



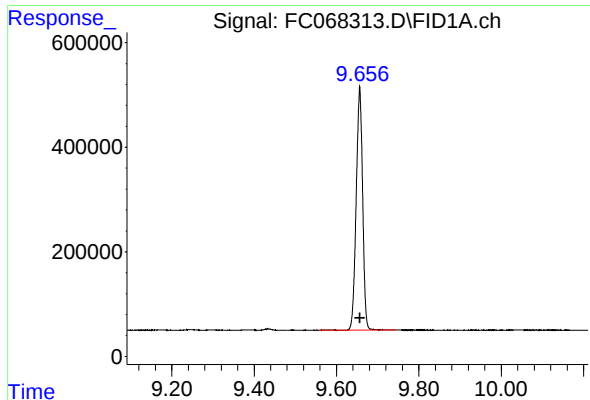
#4 n-Dodecane (C12)

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 4945718
Conc: 35.14 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 5044150
Conc: 37.00 ug/ml



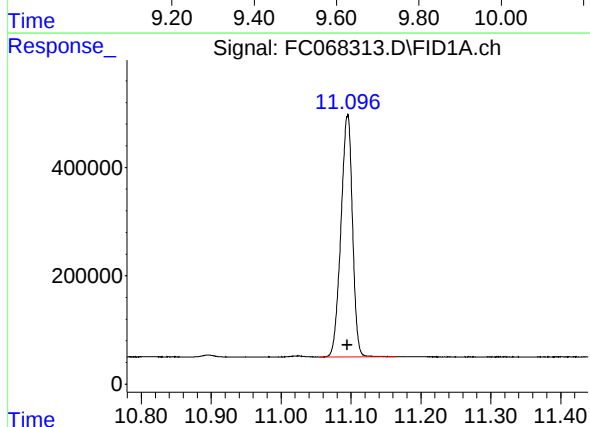
#7 n-Hexadecane (C16)

R.T.: 9.656 min
Delta R.T.: -0.001 min
Response: 5038611
Conc: 36.79 ug/ml

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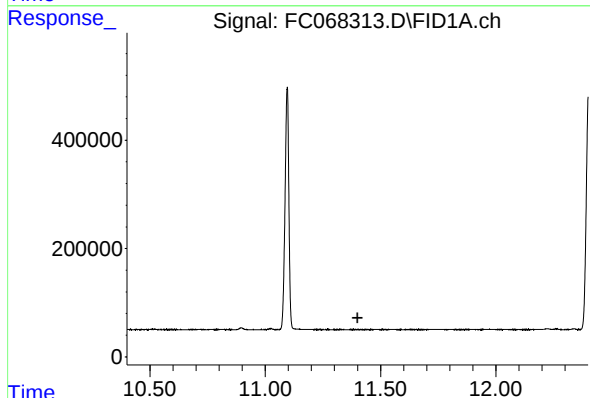
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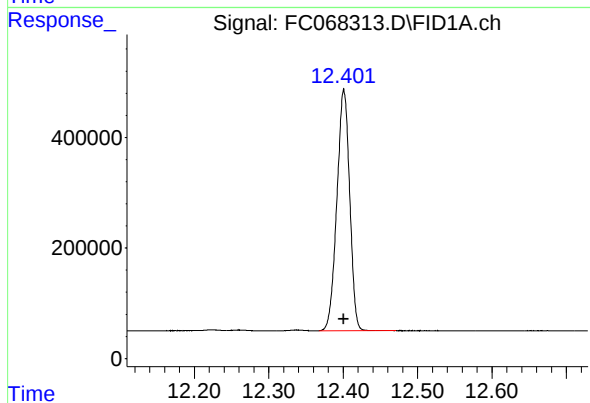
#8 n-Octadecane (C18)

R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 5125788
Conc: 37.48 ug/ml



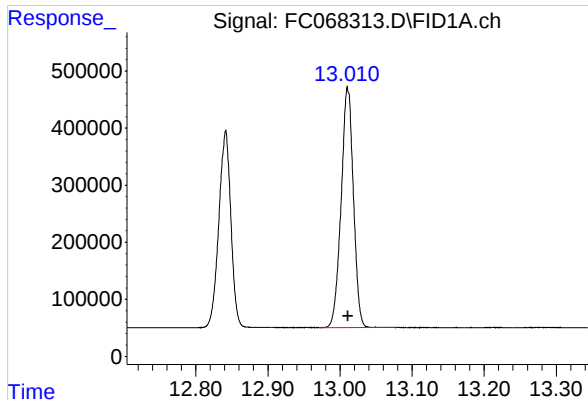
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: 0.000 min
Response: 5216568
Conc: 40.04 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 4984588
Conc: 38.99 ug/ml

Instrument :

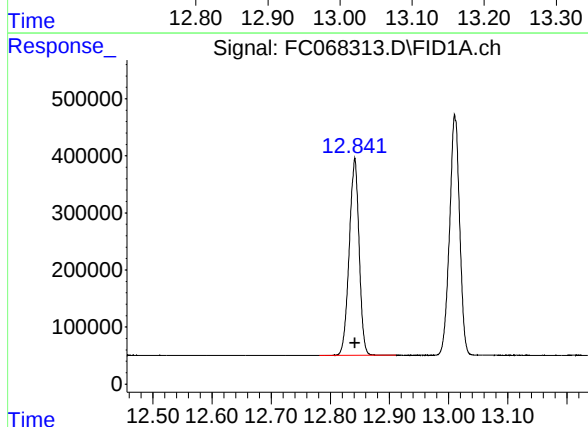
FID_C

ClientSampleId :

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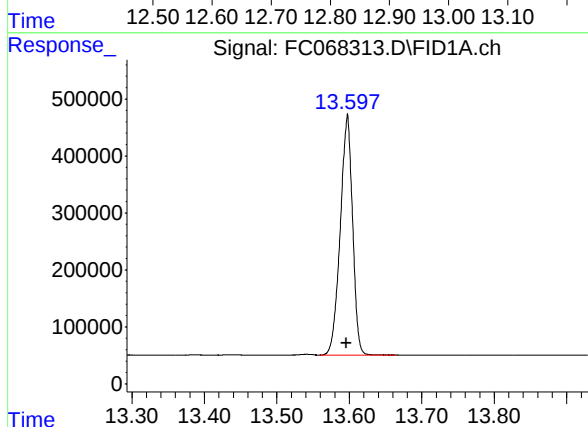
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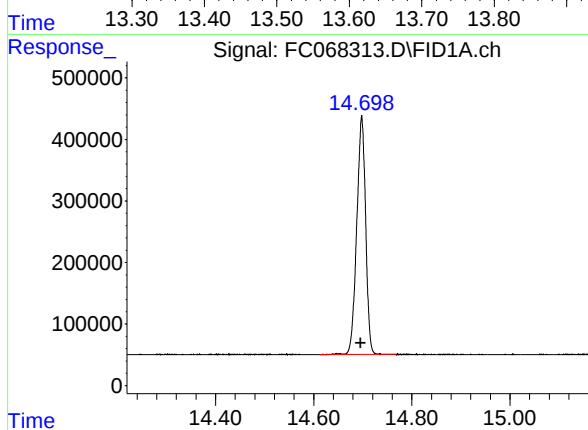
#12 1-chlorooctadecane (SURR)

R.T.: 12.841 min
Delta R.T.: 0.000 min
Response: 4007052
Conc: 35.63 ug/ml



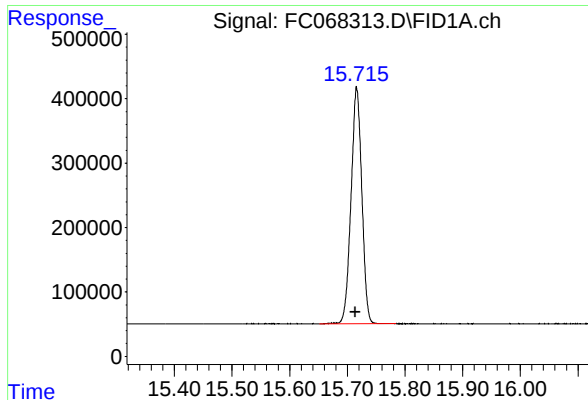
#13 n-Docosane (C22)

R.T.: 13.597 min
Delta R.T.: 0.001 min
Response: 4970885
Conc: 39.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.698 min
Delta R.T.: 0.002 min
Response: 4884334
Conc: 39.27 ug/ml



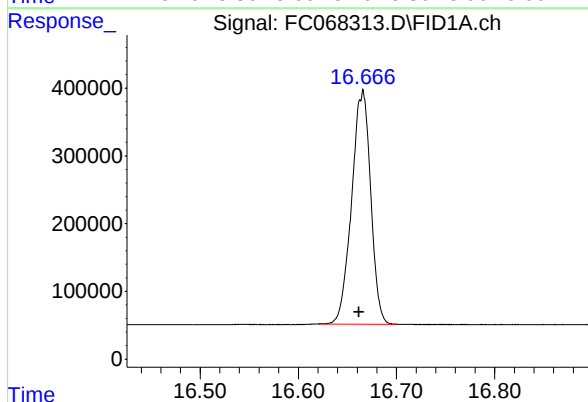
#15 n-Hexacosane (C26)

R.T.: 15.716 min
Delta R.T.: 0.002 min
Response: 4778837
Conc: 39.30 ug/ml

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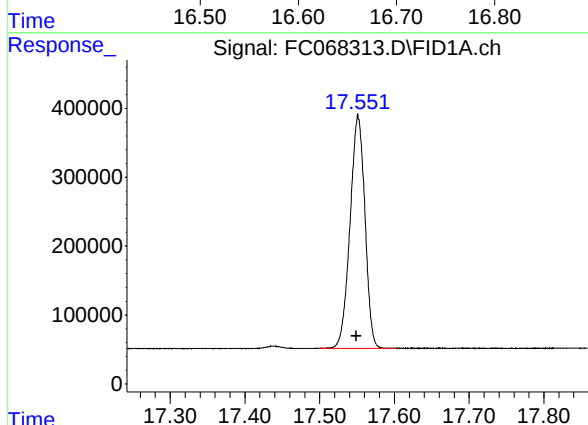
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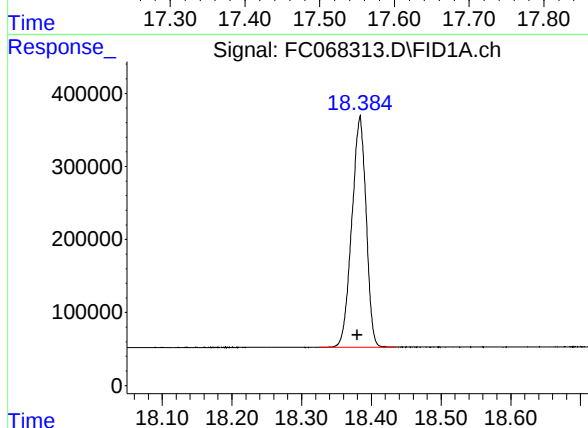
#16 n-Octacosane (C28)

R.T.: 16.665 min
Delta R.T.: 0.003 min
Response: 4638223
Conc: 39.05 ug/ml



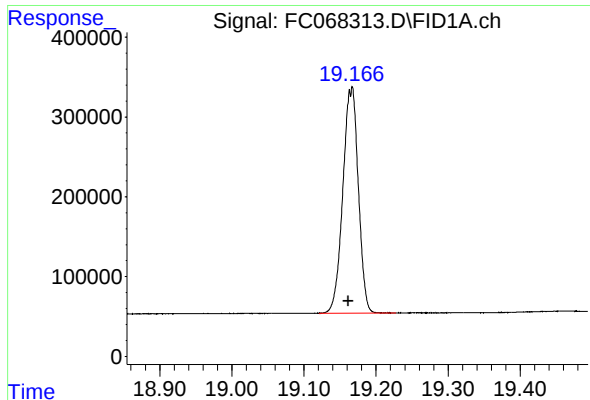
#17 n-Tricontane (C30)

R.T.: 17.551 min
Delta R.T.: 0.002 min
Response: 4684203
Conc: 38.92 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.004 min
Response: 4515767
Conc: 38.91 ug/ml m



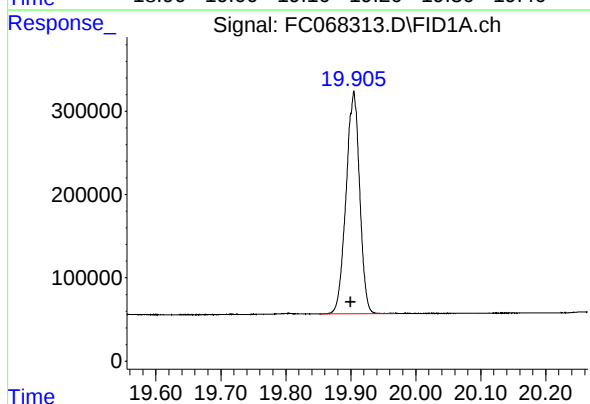
#19 n-Tetratriacontane (C34)

R.T.: 19.166 min
Delta R.T.: 0.005 min
Response: 4229541
Conc: 39.14 ug/ml

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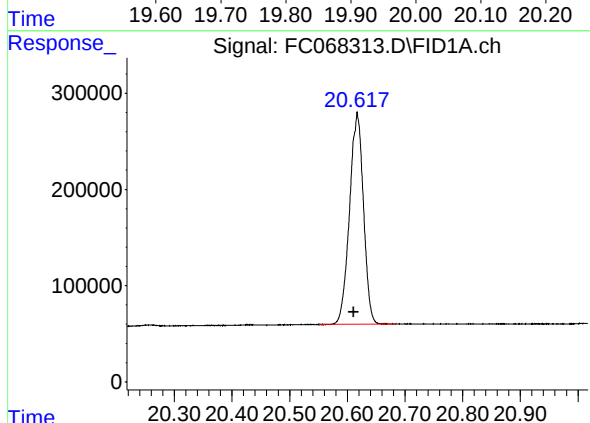
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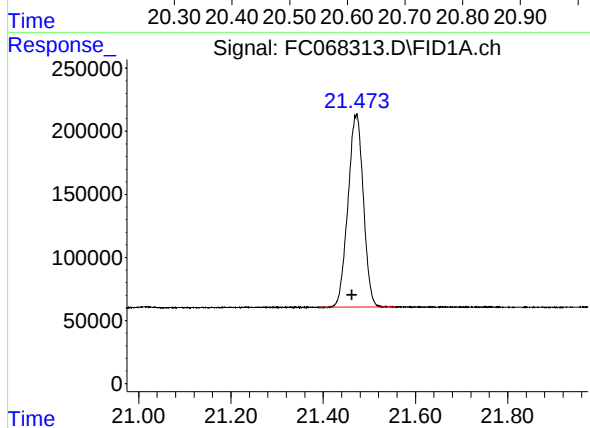
#20 n-Hexatriacontane (C36)

R.T.: 19.904 min
Delta R.T.: 0.004 min
Response: 3881880
Conc: 40.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.617 min
Delta R.T.: 0.006 min
Response: 3693801
Conc: 41.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.472 min
Delta R.T.: 0.009 min
Response: 3548032
Conc: 41.01 ug/ml