

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071123AL\
 Data File : FC064089.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2023 09:19
 Operator : YP/AJ
 Sample : PB154081BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154081BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :Ankita Jodhani 07/12/2023

Integration File: autoint1.e
 Quant Time: Jul 12 01:55:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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...	12.958	5498742	39.522 ug/ml
Spiked Amount 50.000		Recovery =	79.04%
Target Compounds			
1) T n-Nonane (C9)	3.301	4279495	23.995 ug/ml
2) T n-Decane (C10)	4.365	5444207	30.086 ug/ml
4) T n-Dodecane (C12)	6.380	6499564	36.079 ug/ml
6) T n-Tetradecane (C14)	8.173	6930046	40.061 ug/ml
7) T n-Hexadecane (C16)	9.770	7945237	45.738 ug/ml
8) T n-Octadecane (C18)	11.210	8605595	49.932 ug/ml
10) T n-Eicosane (C20)	12.517	8959425	54.883 ug/ml
11) T n-Heneicosane (C21)	13.126	8618223	53.789 ug/ml
13) T n-Docosane (C22)	13.712	8662032	55.124 ug/ml
14) T n-Tetracosane (C24)	14.810	8747413	55.496 ug/ml
15) T n-Hexacosane (C26)	15.829	8611642	56.998 ug/ml
16) T n-Octacosane (C28)	16.775	8588628	56.999 ug/ml
17) T n-Tricontane (C30)	17.660	8644644	55.369 ug/ml
18) T n-Dotriacontane (C32)	18.490	8374906	53.013 ug/ml
19) T n-Tetratriacontane (C34)	19.272	8034656	52.214 ug/ml
20) T n-Hexatriacontane (C36)	20.005	7573790	51.300 ug/mlm
21) T n-Octatriacontane (C38)	20.732	7490806	50.570 ug/ml
22) T n-Tetracontane (C40)	21.619	7378311	50.620 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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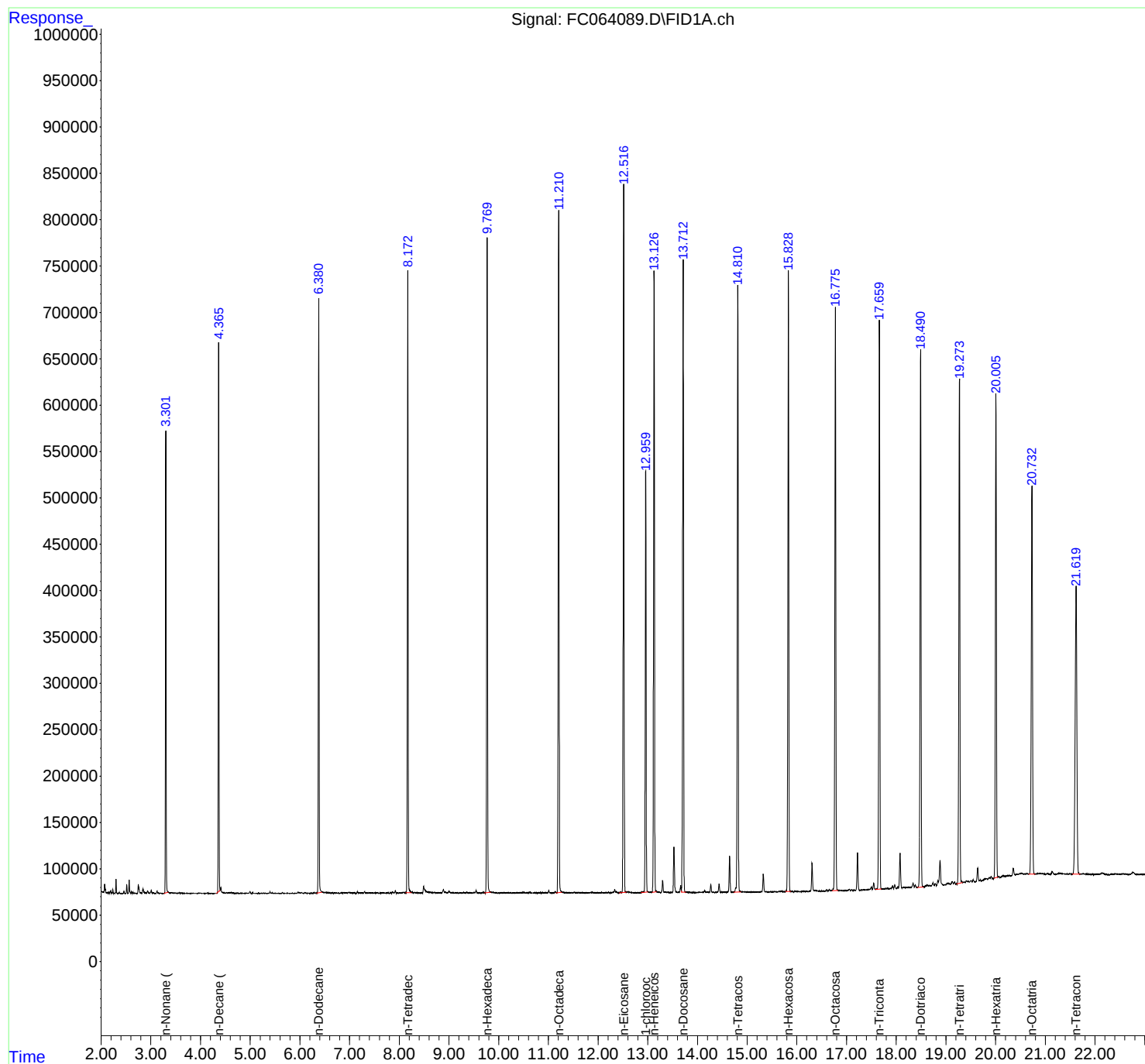
Response via : Initial Calibration

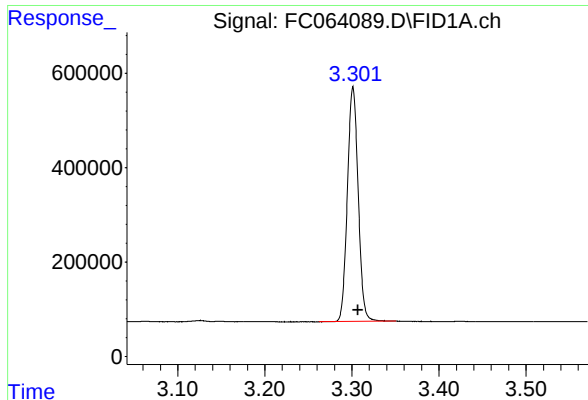
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





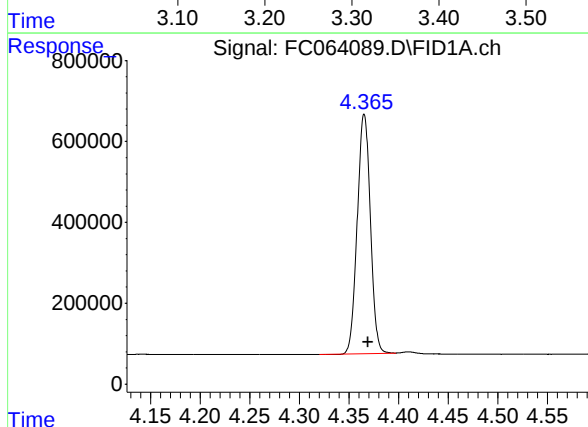
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.006 min
Response: 4279495
Conc: 23.99 ug/ml

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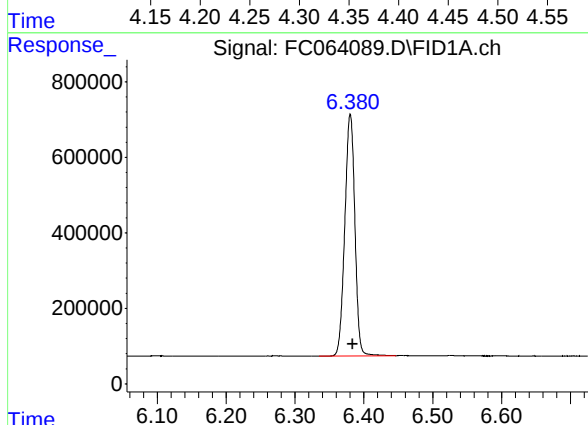
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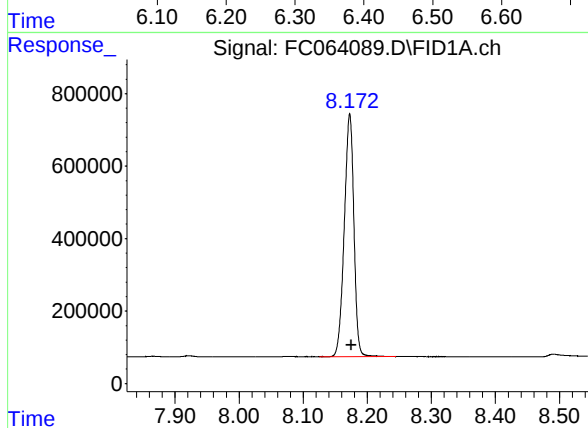
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 5444207
Conc: 30.09 ug/ml



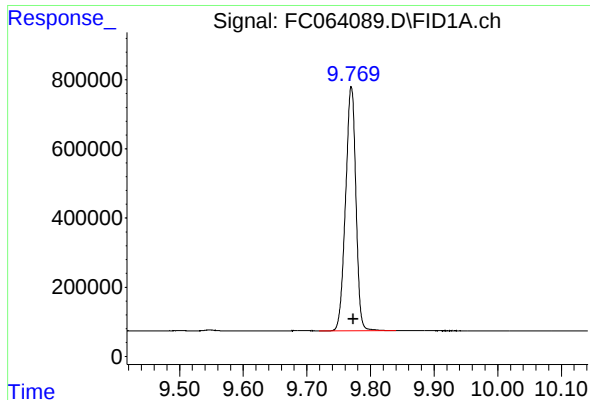
#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.003 min
Response: 6499564
Conc: 36.08 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.003 min
Response: 6930046
Conc: 40.06 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 7945237
Conc: 45.74 ug/ml

Instrument :

FID_C

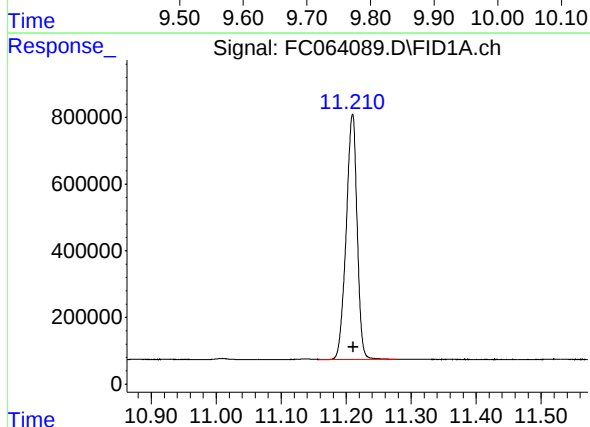
ClientSampleId :

PB154081BS

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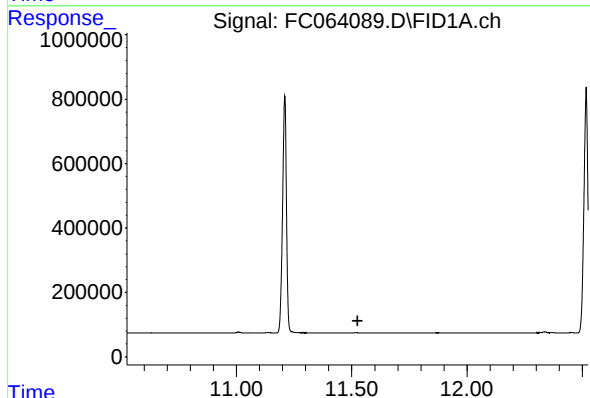
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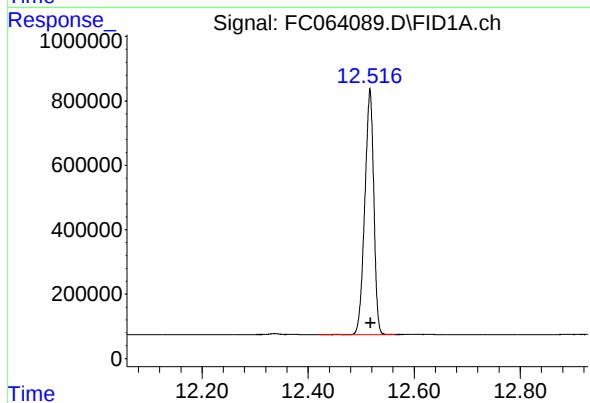
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.001 min
Response: 8605595
Conc: 49.93 ug/ml



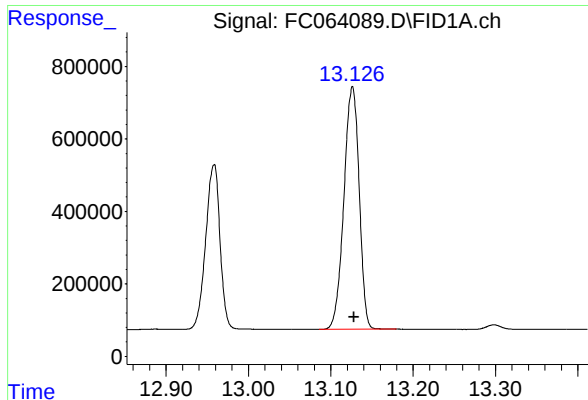
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.525 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.001 min
Response: 8959425
Conc: 54.88 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.002 min
Response: 8618223
Conc: 53.79 ug/ml

Instrument :

FID_C

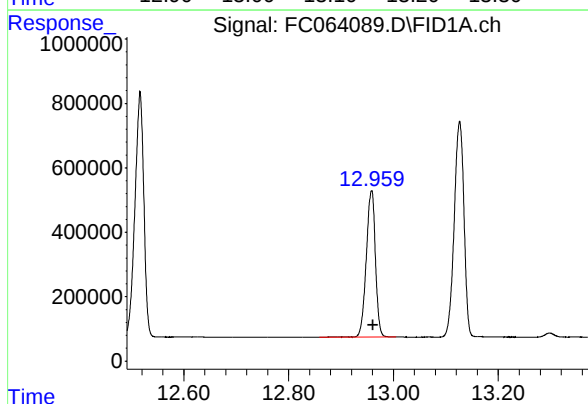
ClientSampleId :

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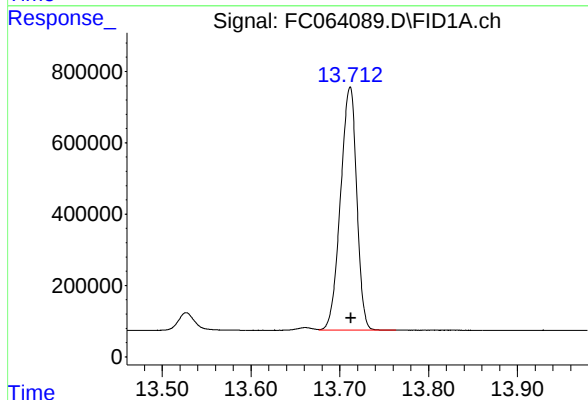
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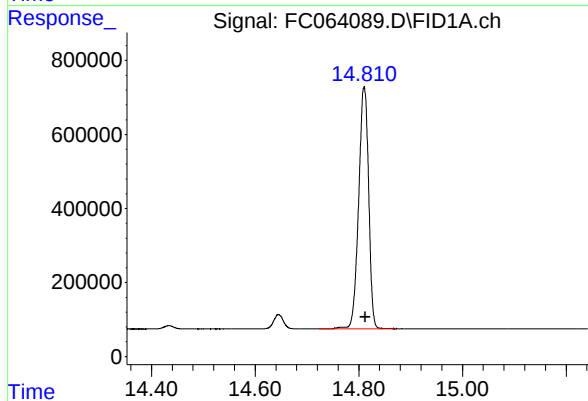
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.002 min
Response: 5498742
Conc: 39.52 ug/ml



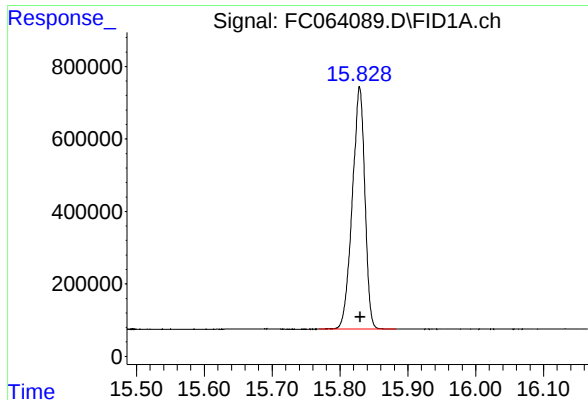
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: -0.001 min
Response: 8662032
Conc: 55.12 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.002 min
Response: 8747413
Conc: 55.50 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.001 min
Response: 8611642
Conc: 57.00 ug/ml

Instrument :

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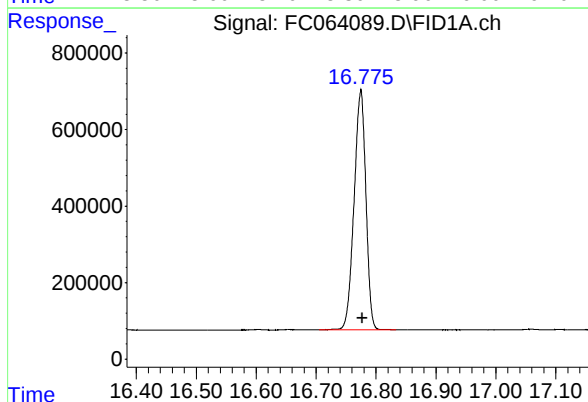
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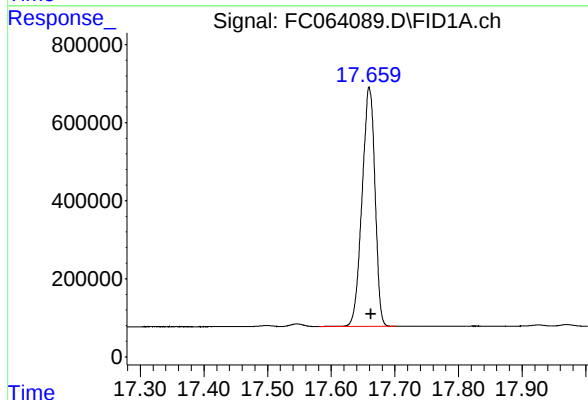
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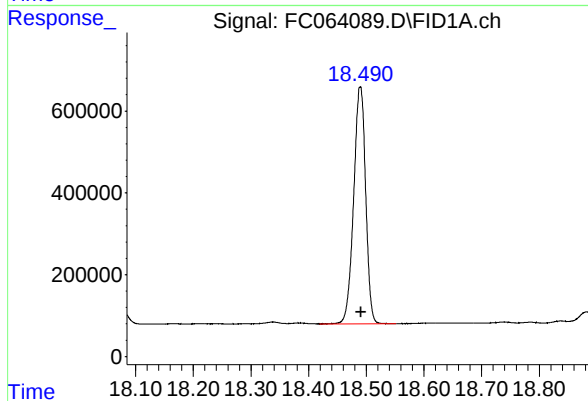
#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: -0.002 min
Response: 8588628
Conc: 57.00 ug/ml



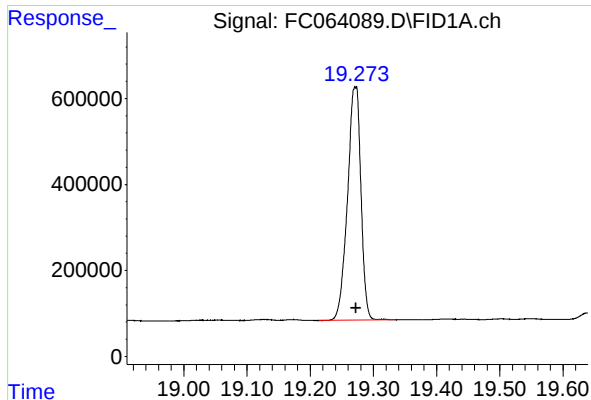
#17 n-Tricontane (C30)

R.T.: 17.660 min
Delta R.T.: -0.002 min
Response: 8644644
Conc: 55.37 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.001 min
Response: 8374906
Conc: 53.01 ug/ml



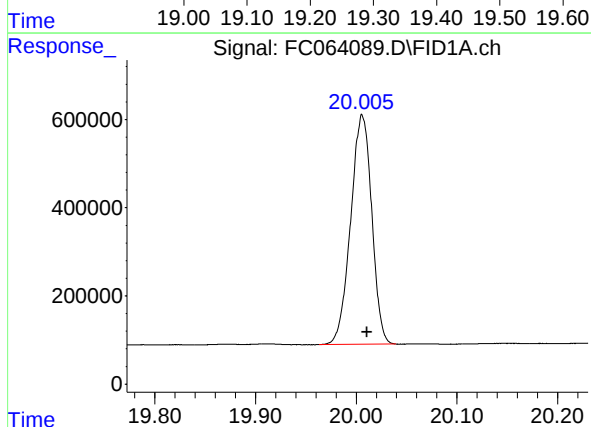
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.000 min
Response: 8034656
Conc: 52.21 ug/ml

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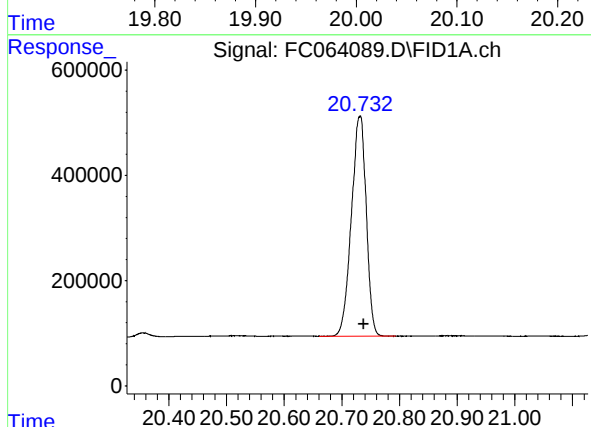
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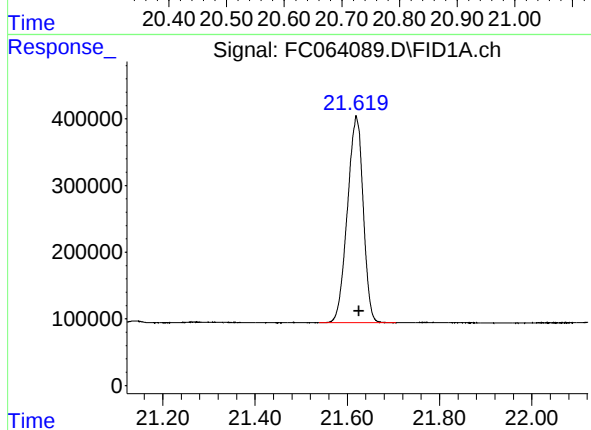
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.006 min
Response: 7573790
Conc: 51.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.006 min
Response: 7490806
Conc: 50.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.006 min
Response: 7378311
Conc: 50.62 ug/ml