

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067411.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 22:07
 Operator : YP/AJ
 Sample : PB164054BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164054BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:25:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 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...	12.944	4391796	38.799 ug/ml
Spiked Amount 50.000		Recovery =	77.60%
Target Compounds			
1) T n-Nonane (C9)	3.276	2973066	23.454 ug/ml
2) T n-Decane (C10)	4.342	3889911	30.262 ug/ml
4) T n-Dodecane (C12)	6.360	4651378	35.845 ug/ml
6) T n-Tetradecane (C14)	8.153	4944243	38.388 ug/ml
7) T n-Hexadecane (C16)	9.752	5038099	37.847 ug/ml
8) T n-Octadecane (C18)	11.192	5183054	38.223 ug/ml
10) T n-Eicosane (C20)	12.501	5336780	40.873 ug/ml
11) T n-Heneicosane (C21)	13.112	5146298	40.125 ug/ml
13) T n-Docosane (C22)	13.697	5129946	40.176 ug/ml
14) T n-Tetracosane (C24)	14.799	5076550	39.694 ug/ml
15) T n-Hexacosane (C26)	15.819	5013846	39.765 ug/ml
16) T n-Octacosane (C28)	16.768	4983828	39.671 ug/ml
17) T n-Tricontane (C30)	17.654	5024232	39.001 ug/ml
18) T n-Dotriacontane (C32)	18.486	4911329	39.313 ug/ml
19) T n-Tetratriacontane (C34)	19.266	4506135	41.236 ug/mlm
20) T n-Hexatriacontane (C36)	20.005	3794924	40.150 ug/mlm
21) T n-Octatriacontane (C38)	20.732	3287683	37.488 ug/mlm
22) T n-Tetracontane (C40)	21.622	2949828	34.281 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB164054BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

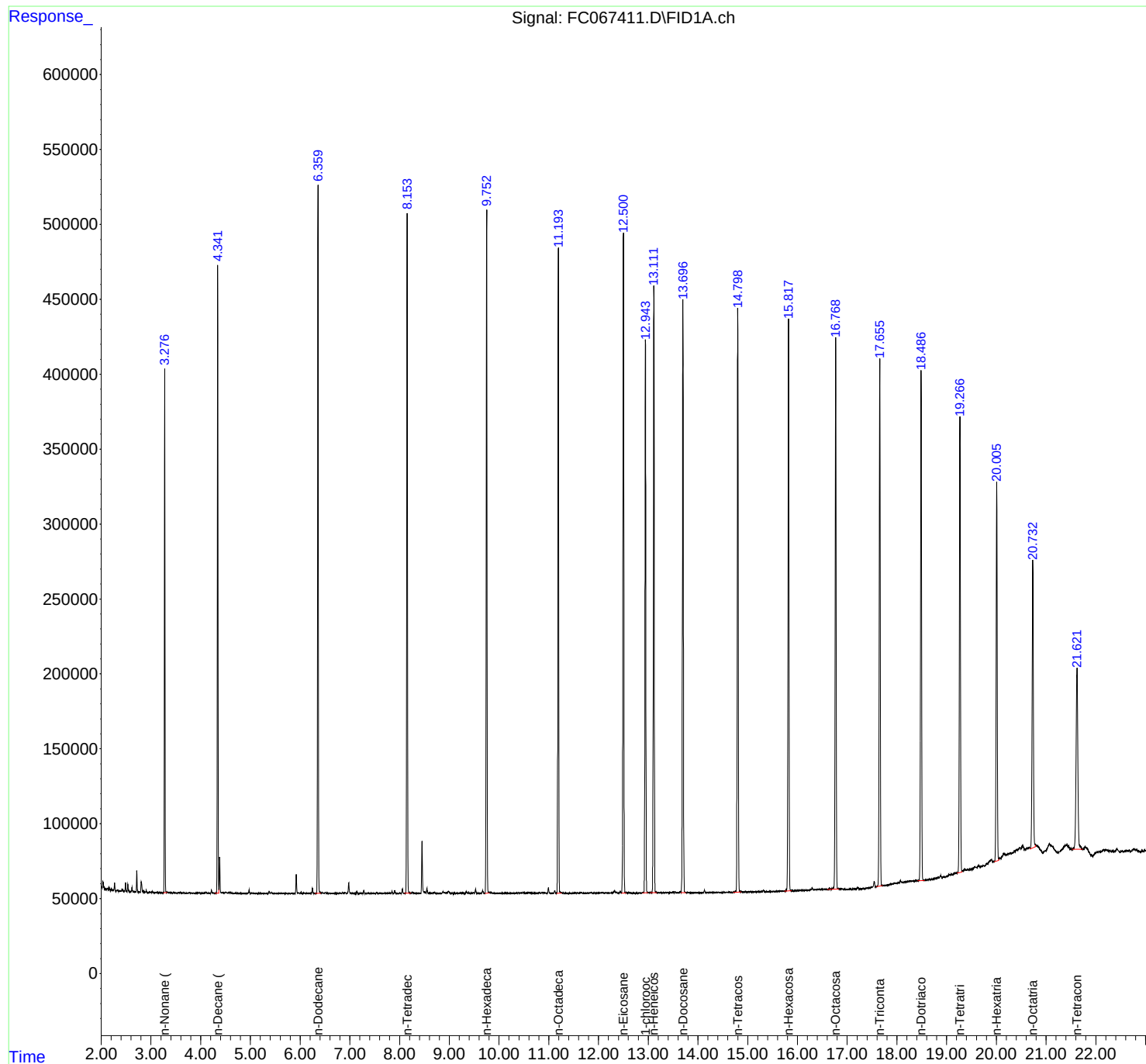
Instrument :
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ClientSampleId :
PB164054BSD

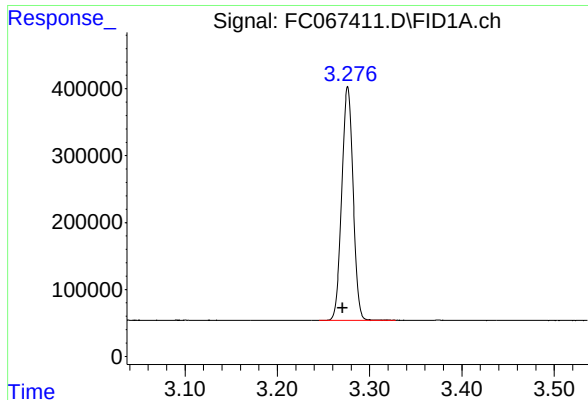
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 2973066
Conc: 23.45 ug/ml

Instrument :

FID_C

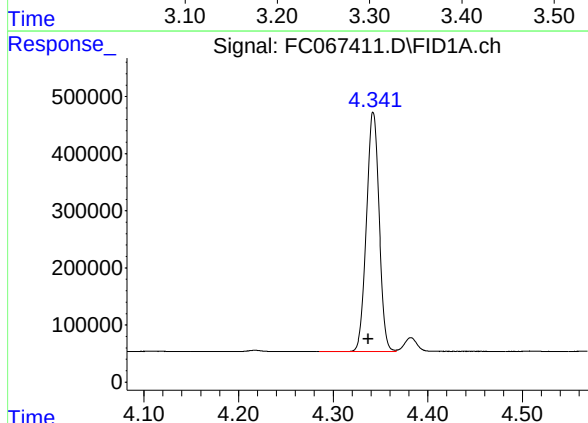
ClientSampleId :

PB164054BSD

Manual Integrations

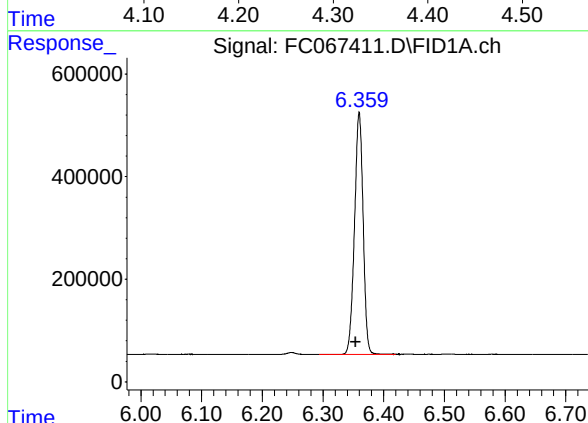
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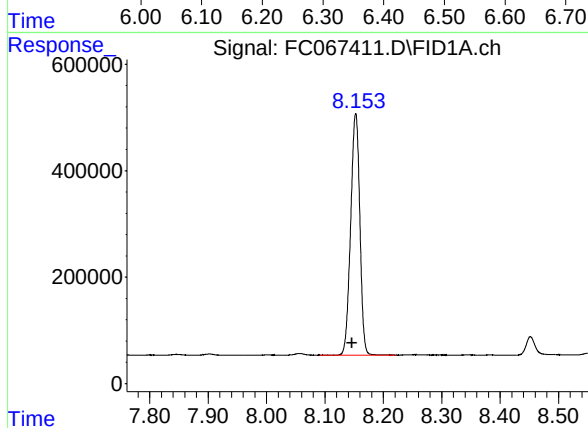
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.005 min
Response: 3889911
Conc: 30.26 ug/ml



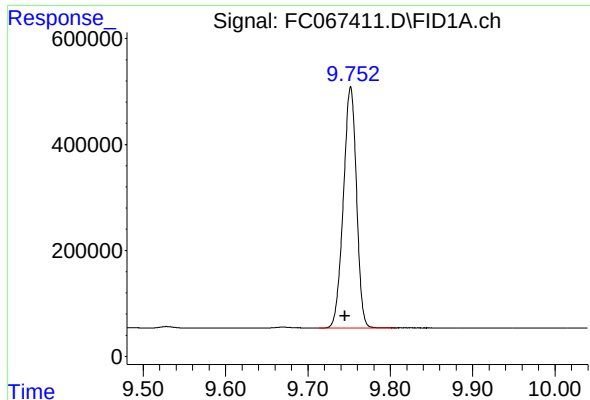
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.006 min
Response: 4651378
Conc: 35.85 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.006 min
Response: 4944243
Conc: 38.39 ug/ml



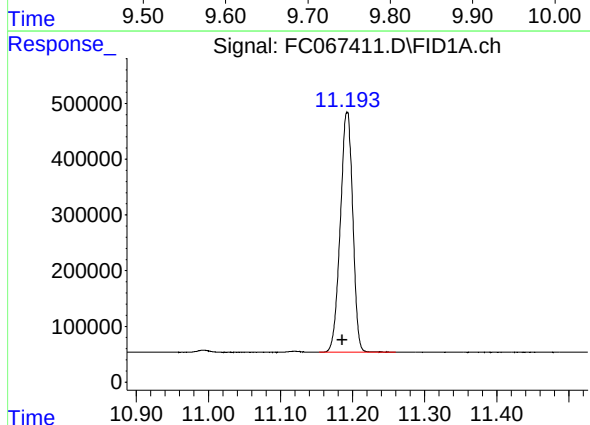
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.007 min
Response: 5038099
Conc: 37.85 ug/ml

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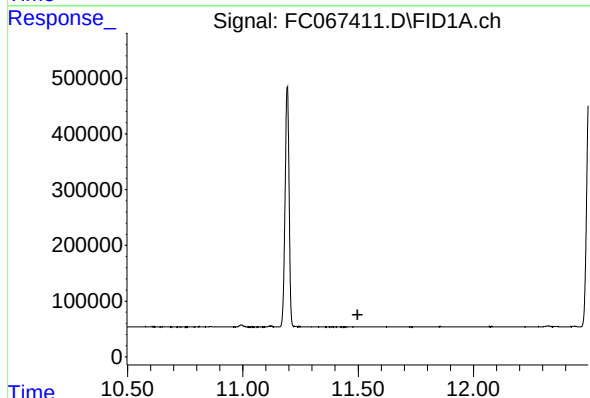
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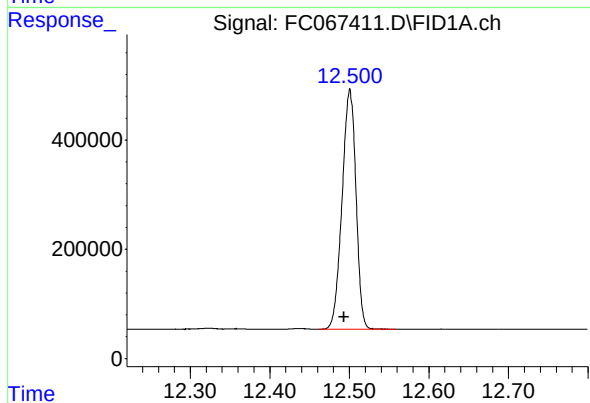
#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: 0.006 min
Response: 5183054
Conc: 38.22 ug/ml



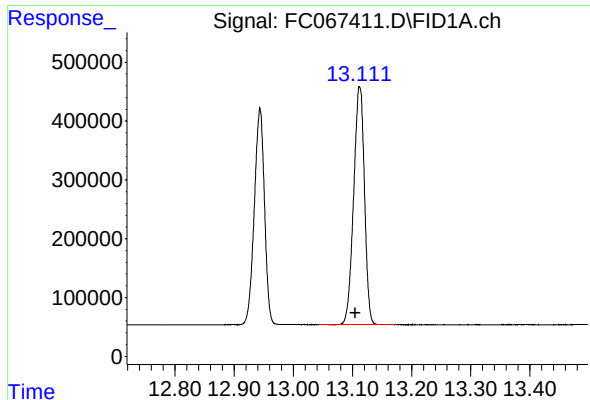
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.007 min
Response: 5336780
Conc: 40.87 ug/ml



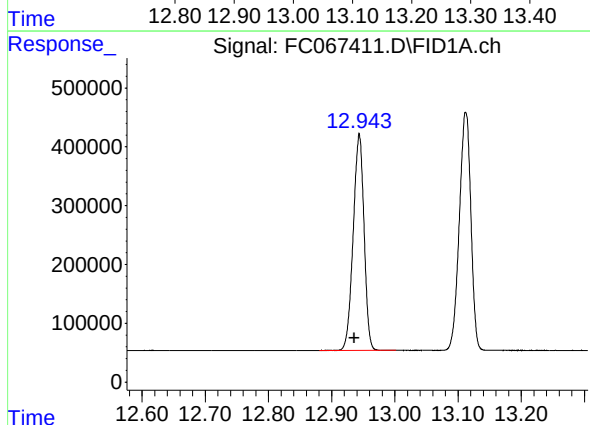
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.008 min
Response: 5146298
Conc: 40.13 ug/ml

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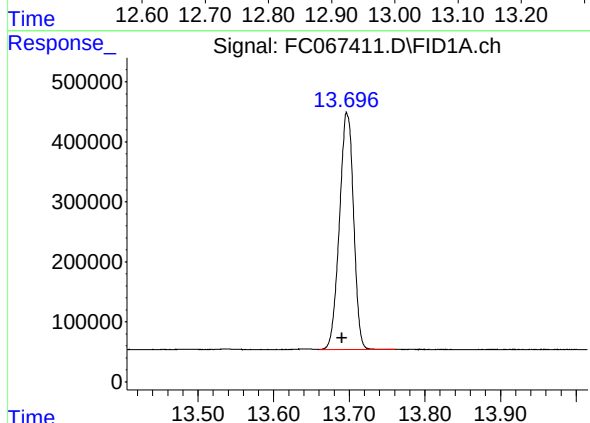
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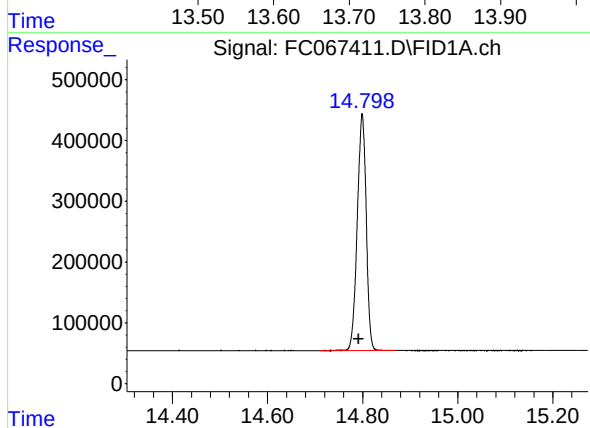
#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.008 min
Response: 4391796
Conc: 38.80 ug/ml



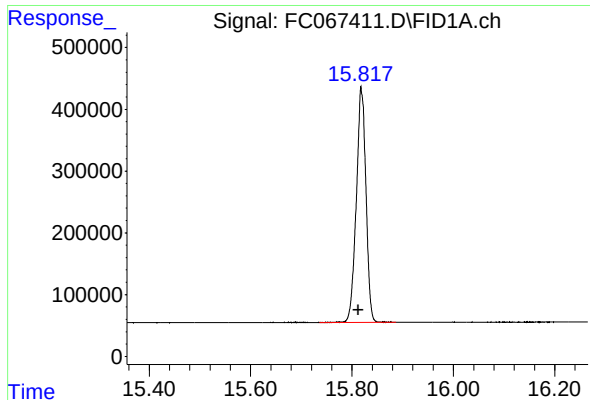
#13 n-Docosane (C22)

R.T.: 13.697 min
Delta R.T.: 0.007 min
Response: 5129946
Conc: 40.18 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.007 min
Response: 5076550
Conc: 39.69 ug/ml



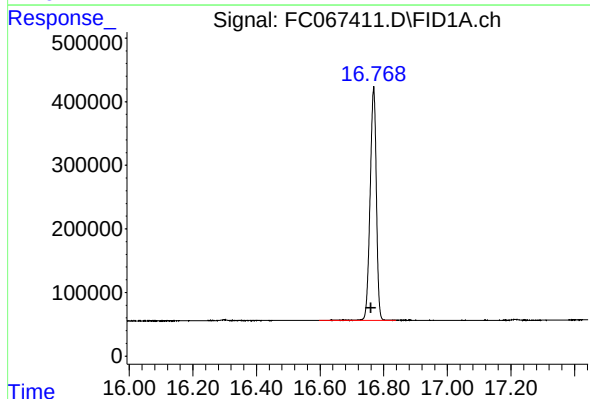
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.006 min
Response: 5013846
Conc: 39.77 ug/ml

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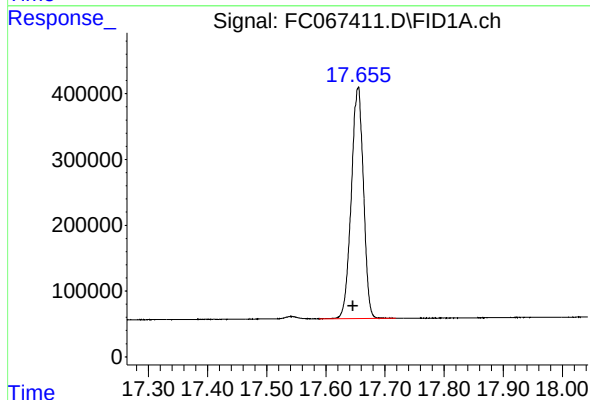
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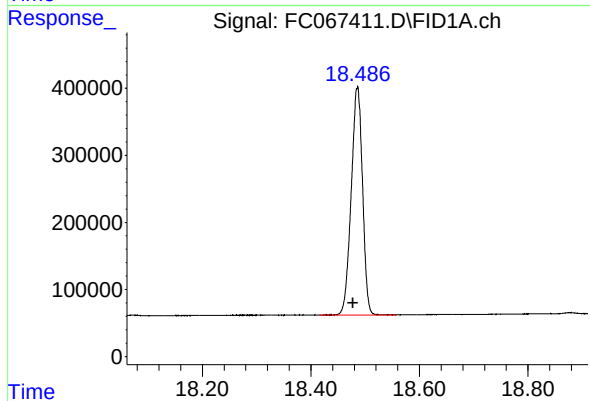
#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: 0.008 min
Response: 4983828
Conc: 39.67 ug/ml



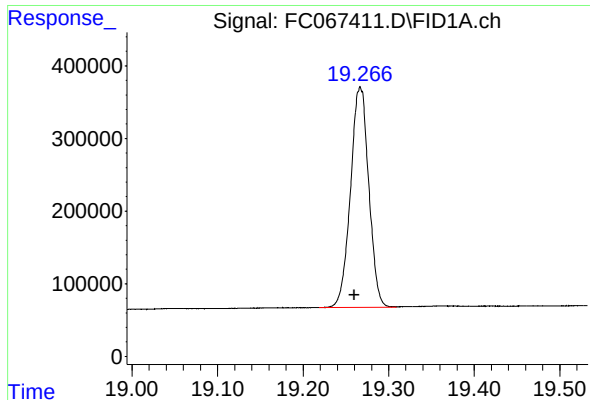
#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: 0.008 min
Response: 5024232
Conc: 39.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.008 min
Response: 4911329
Conc: 39.31 ug/ml



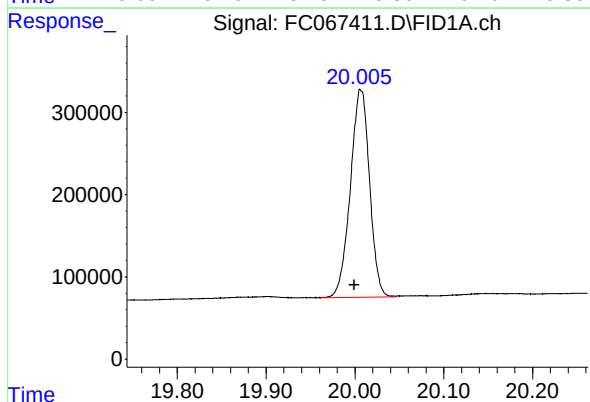
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.007 min
Response: 4506135
Conc: 41.24 ug/ml

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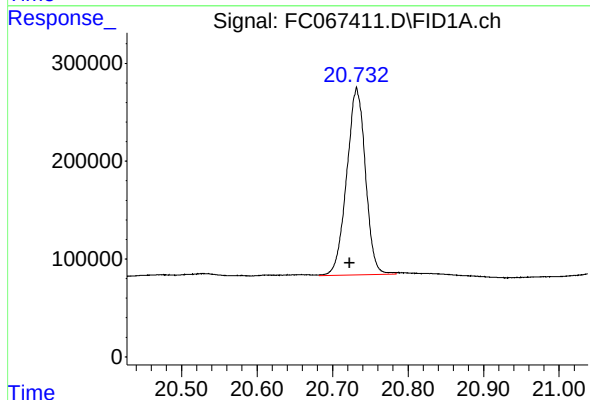
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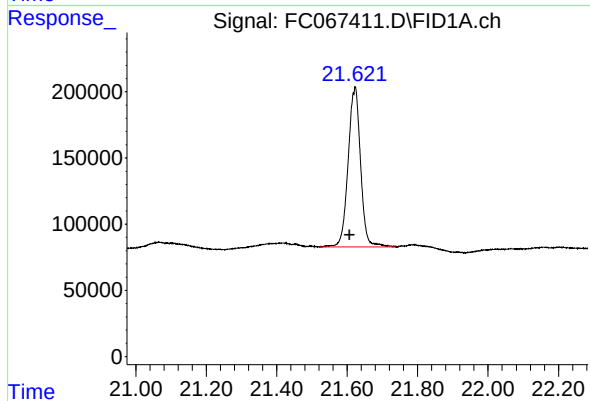
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: 0.006 min
Response: 3794924
Conc: 40.15 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: 0.009 min
Response: 3287683
Conc: 37.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: 0.015 min
Response: 2949828
Conc: 34.28 ug/ml