

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067410.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 21:31
 Operator : YP/AJ
 Sample : PB164054BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164054BS

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 03:25:17 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...	12.943	4641045	41.001 ug/ml
Spiked Amount 50.000		Recovery =	82.00%
Target Compounds			
1) T n-Nonane (C9)	3.277	2975519	23.474 ug/ml
2) T n-Decane (C10)	4.343	3874396	30.141 ug/ml
4) T n-Dodecane (C12)	6.360	4615717	35.571 ug/ml
6) T n-Tetradecane (C14)	8.153	4909470	38.118 ug/ml
7) T n-Hexadecane (C16)	9.752	5009065	37.629 ug/ml
8) T n-Octadecane (C18)	11.192	5168448	38.115 ug/ml
10) T n-Eicosane (C20)	12.501	5332746	40.842 ug/ml
11) T n-Heneicosane (C21)	13.112	5142551	40.096 ug/ml
13) T n-Docosane (C22)	13.697	5136082	40.224 ug/ml
14) T n-Tetracosane (C24)	14.799	5076544	39.694 ug/ml
15) T n-Hexacosane (C26)	15.819	5007723	39.717 ug/ml
16) T n-Octacosane (C28)	16.768	4959465	39.477 ug/ml
17) T n-Tricontane (C30)	17.655	4996459	38.785 ug/ml
18) T n-Dotriacontane (C32)	18.487	4921707	39.396 ug/ml
19) T n-Tetratriacontane (C34)	19.267	4459054	40.805 ug/mlm
20) T n-Hexatriacontane (C36)	20.007	3825406	40.473 ug/ml
21) T n-Octatriacontane (C38)	20.733	3268106	37.265 ug/mlm
22) T n-Tetracontane (C40)	21.620	2932870	34.084 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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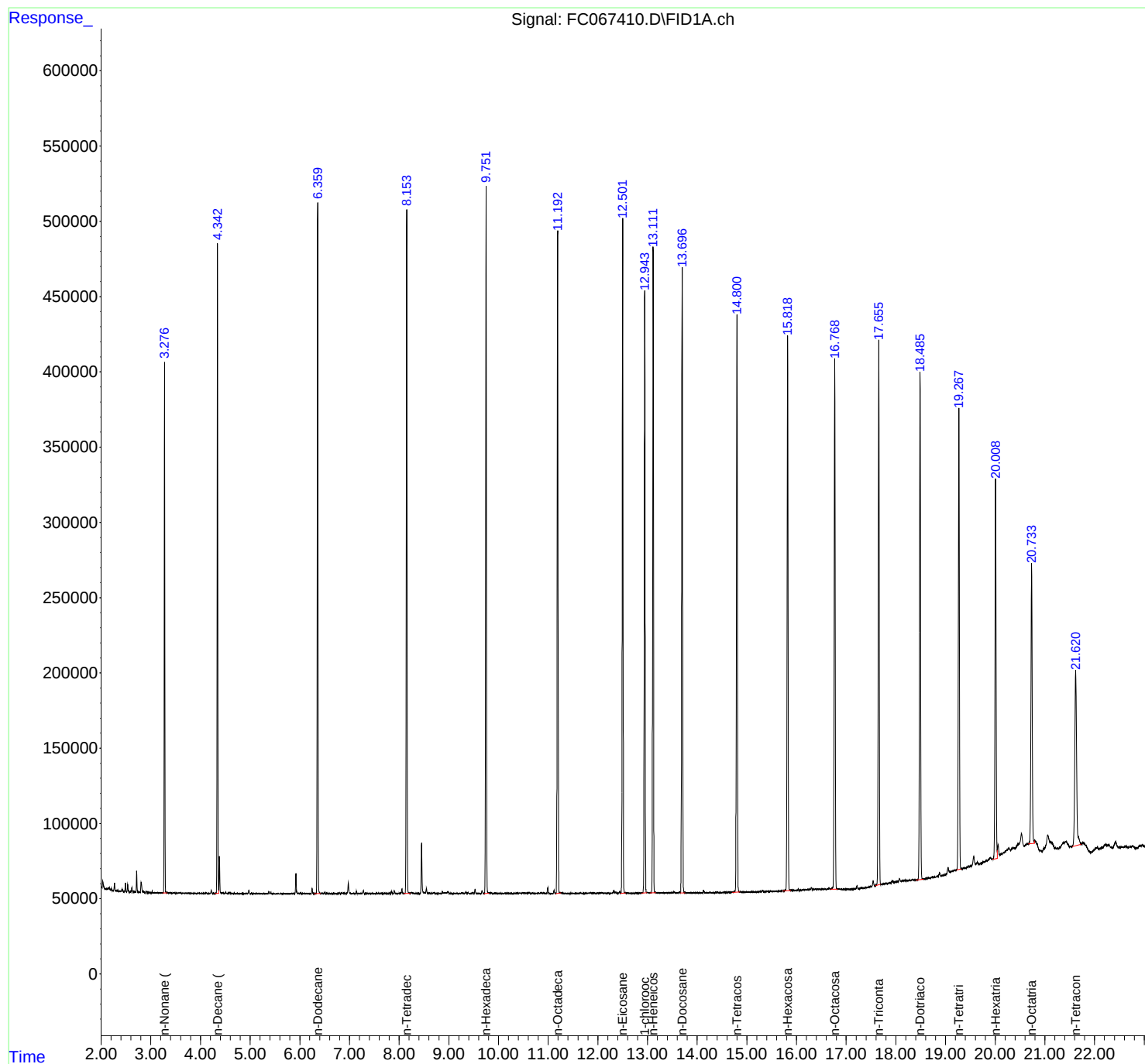
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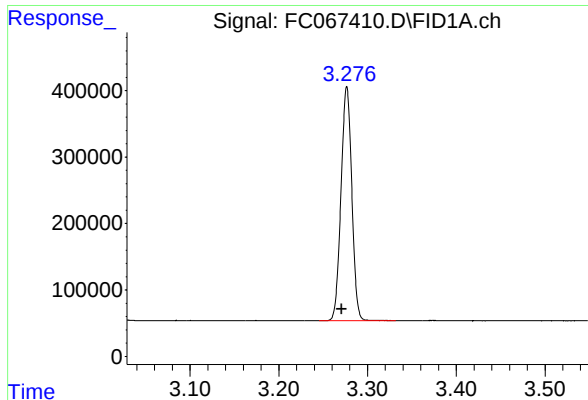
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#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: 0.006 min
Response: 2975519
Conc: 23.47 ug/ml

Instrument :

FID_C

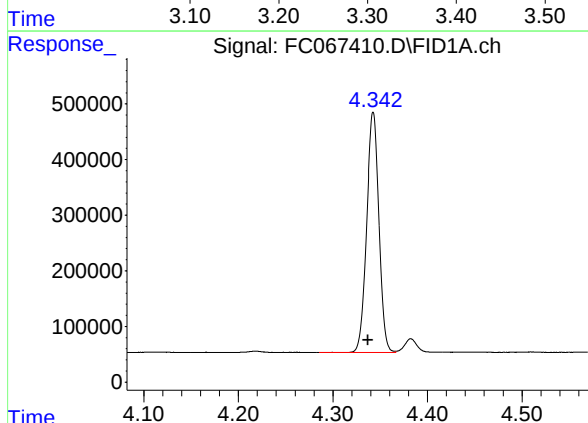
ClientSampleId :

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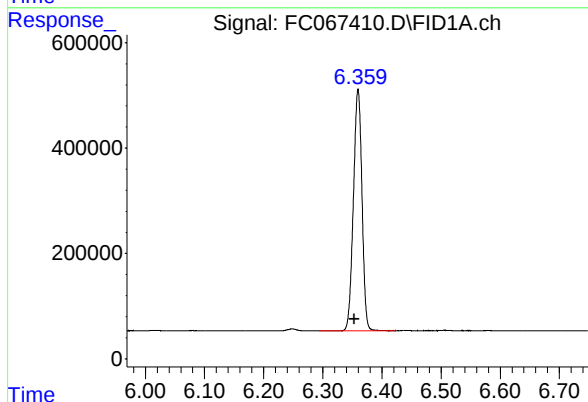
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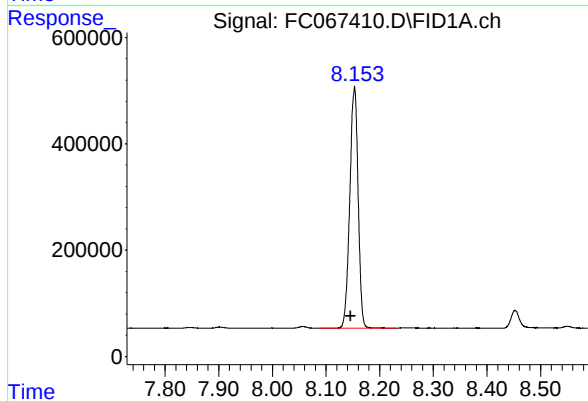
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.005 min
Response: 3874396
Conc: 30.14 ug/ml



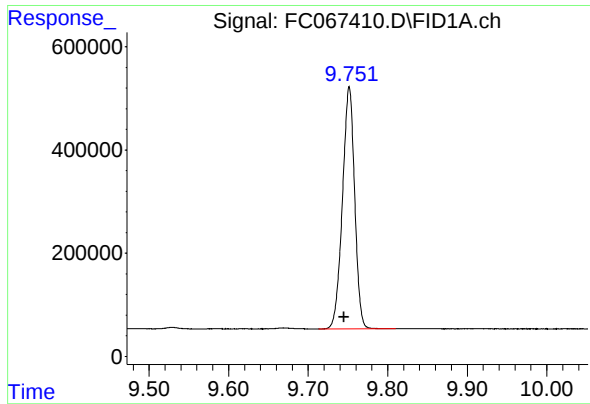
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.006 min
Response: 4615717
Conc: 35.57 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.007 min
Response: 4909470
Conc: 38.12 ug/ml



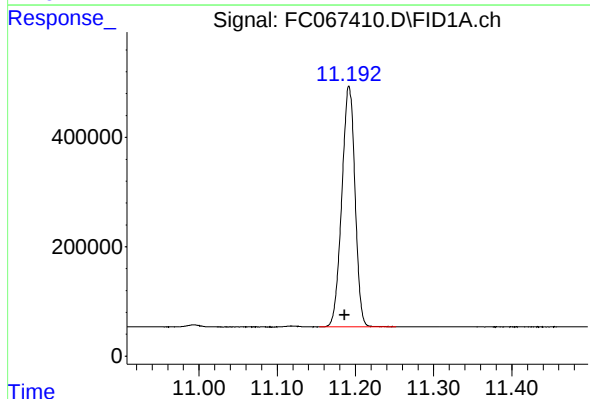
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.007 min
Response: 5009065
Conc: 37.63 ug/ml

Instrument :
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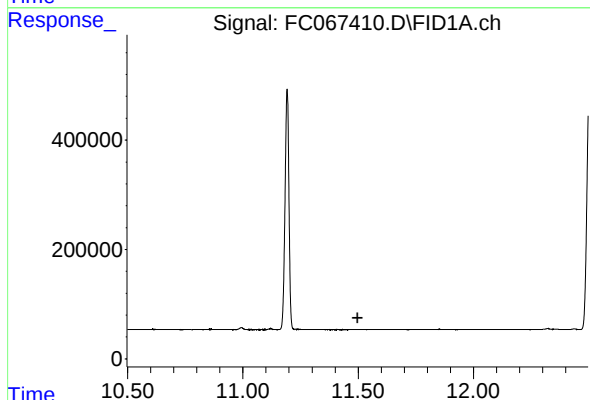
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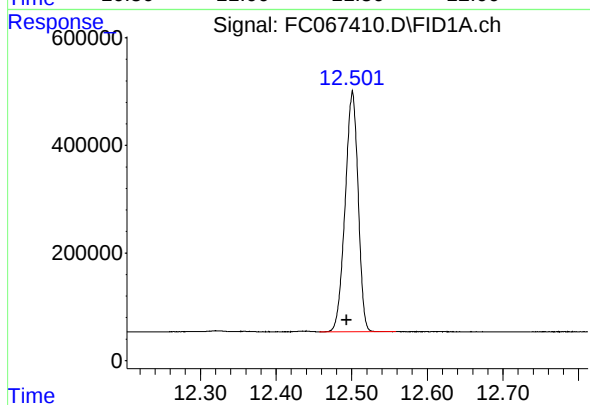
#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: 0.006 min
Response: 5168448
Conc: 38.11 ug/ml



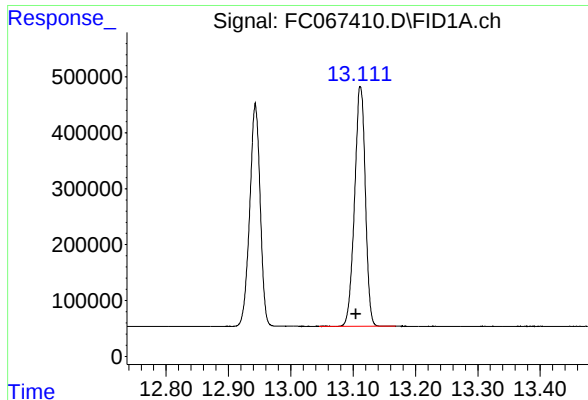
#9 ortho-Terphenyl (SURR)

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: 5332746
Conc: 40.84 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.007 min
Response: 5142551
Conc: 40.10 ug/ml

Instrument :

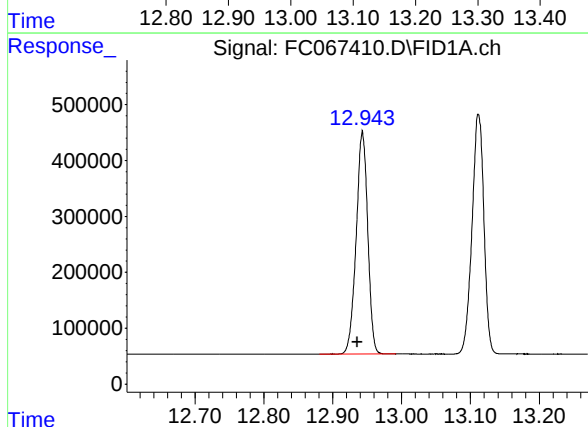
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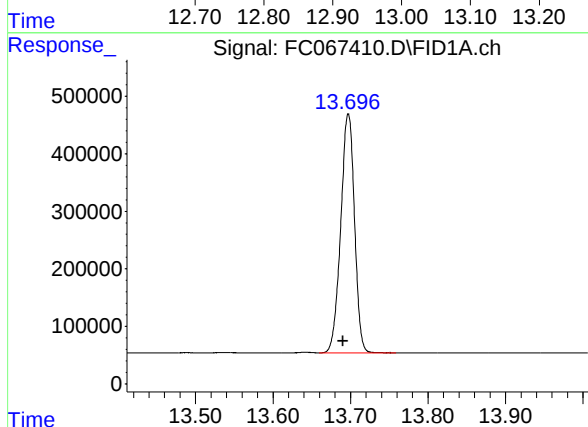
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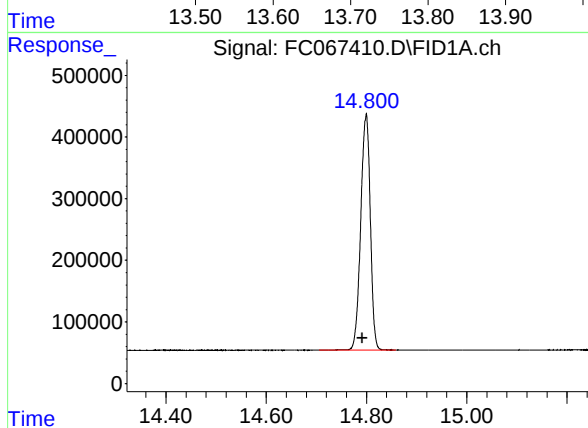
#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: 0.008 min
Response: 4641045
Conc: 41.00 ug/ml



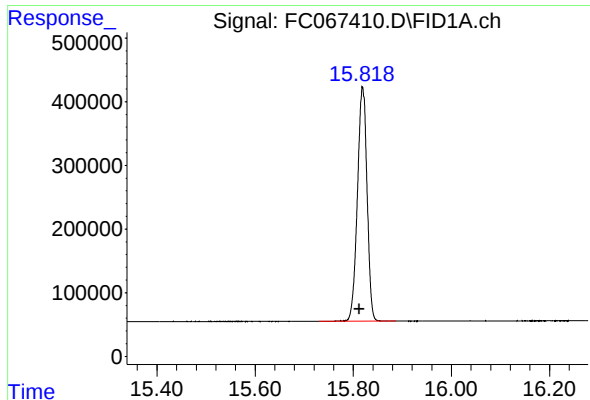
#13 n-Docosane (C22)

R.T.: 13.697 min
Delta R.T.: 0.007 min
Response: 5136082
Conc: 40.22 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.007 min
Response: 5076544
Conc: 39.69 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.007 min
Response: 5007723
Conc: 39.72 ug/ml

Instrument :

FID_C

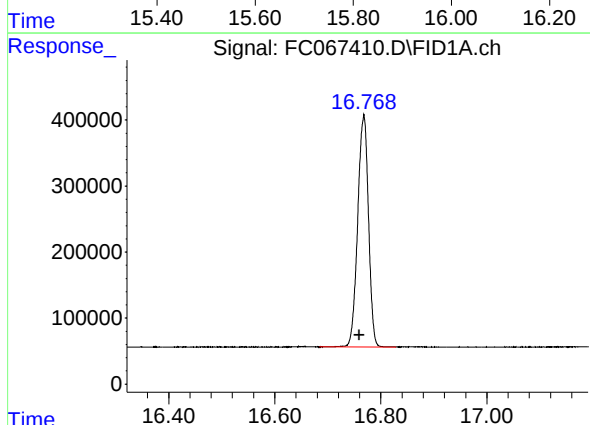
ClientSampleId :

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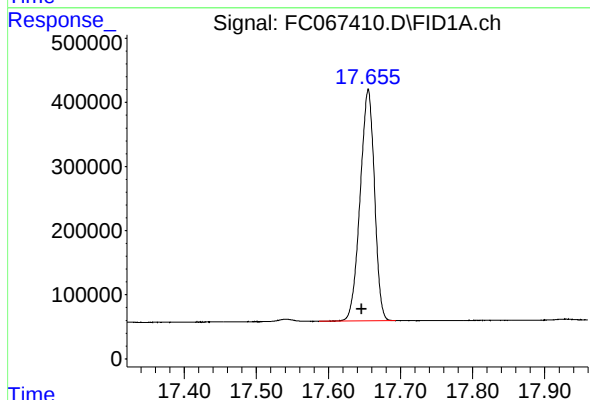
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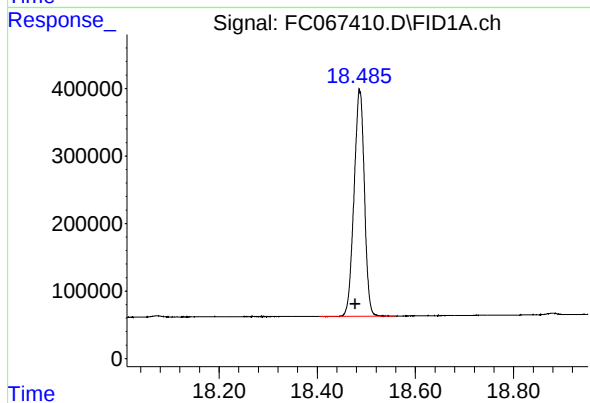
#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: 0.008 min
Response: 4959465
Conc: 39.48 ug/ml



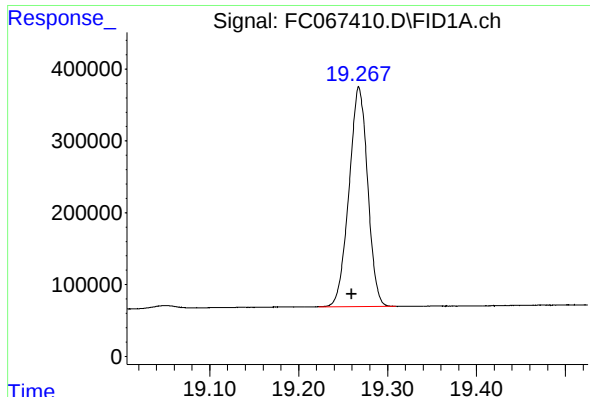
#17 n-Tricontane (C30)

R.T.: 17.655 min
Delta R.T.: 0.009 min
Response: 4996459
Conc: 38.79 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.009 min
Response: 4921707
Conc: 39.40 ug/ml



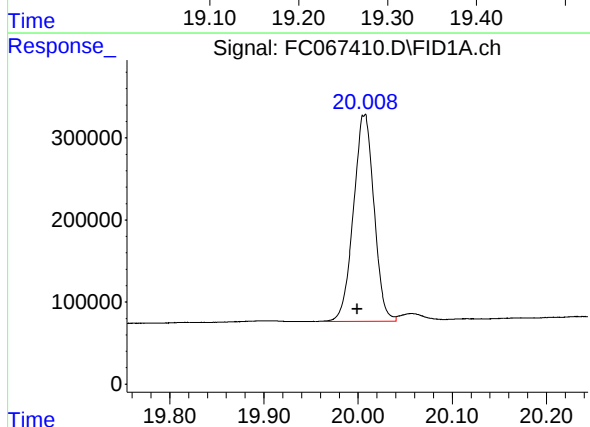
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.007 min
Response: 4459054
Conc: 40.80 ug/ml

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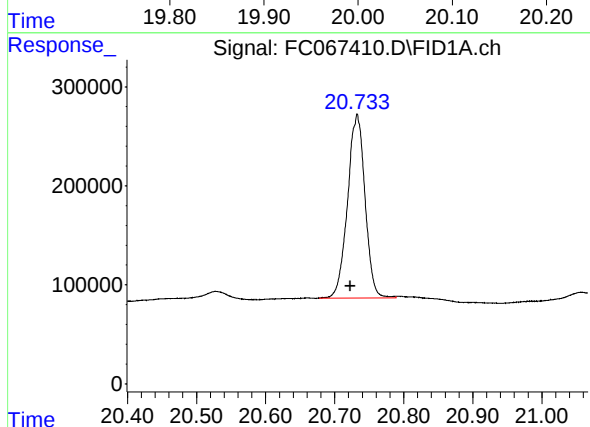
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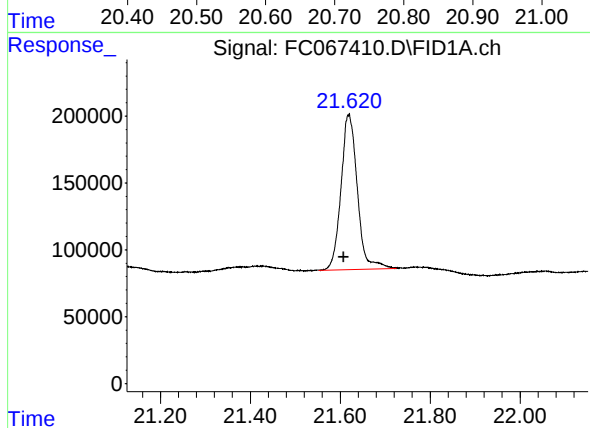
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.008 min
Response: 3825406
Conc: 40.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.010 min
Response: 3268106
Conc: 37.26 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: 0.012 min
Response: 2932870
Conc: 34.08 ug/ml m