

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030425AL\
 Data File : FC068353.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 16:53
 Operator : YP/AJ
 Sample : PB166975BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166975BS

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 04:32:42 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			
9) S ortho-Terphenyl (SURR)	11.394	6069865	39.558 ug/ml
Spiked Amount 50.000		Recovery =	79.12%
12) S 1-chlorooctadecane (S...	12.834	4549723	40.451 ug/ml
Spiked Amount 50.000		Recovery =	80.90%
Target Compounds			
1) T n-Nonane (C9)	3.211	4592462	32.646 ug/ml
2) T n-Decane (C10)	4.263	4723855	33.344 ug/ml
3) T A~Naphthalene (C11.7)	5.826	5512378	36.021 ug/ml
4) T n-Dodecane (C12)	6.267	5080264	36.092 ug/ml
5) T A~2-methylnaphthalene...	6.877	5297458	36.578 ug/ml
6) T n-Tetradecane (C14)	8.057	5603510	41.098 ug/ml
7) T n-Hexadecane (C16)	9.651	5687031	41.522 ug/ml
8) T n-Octadecane (C18)	11.089	5696190	41.651 ug/ml
10) T n-Eicosane (C20)	12.395	5753487	44.160 ug/ml
11) T n-Heneicosane (C21)	13.004	5493912	42.972 ug/ml
13) T n-Docosane (C22)	13.590	5444175	43.198 ug/ml
14) T n-Tetracosane (C24)	14.648	11106397	89.296 ug/mlm
15) T n-Hexacosane (C26)	15.711	5260097	43.260 ug/ml
16) T n-Octacosane (C28)	16.658	5165370	43.492 ug/ml
17) T n-Tricontane (C30)	17.545	5193757	43.150 ug/ml
18) T n-Dotriacontane (C32)	18.375	5120355	44.116 ug/ml
19) T n-Tetratriacontane (C34)	19.157	5023936	46.493 ug/ml
20) T n-Hexatriacontane (C36)	19.895	4837413	50.301 ug/ml
21) T n-Octatriacontane (C38)	20.606	4729353	52.608 ug/ml
22) T n-Tetracontane (C40)	21.459	4539329	52.465 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB166975BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

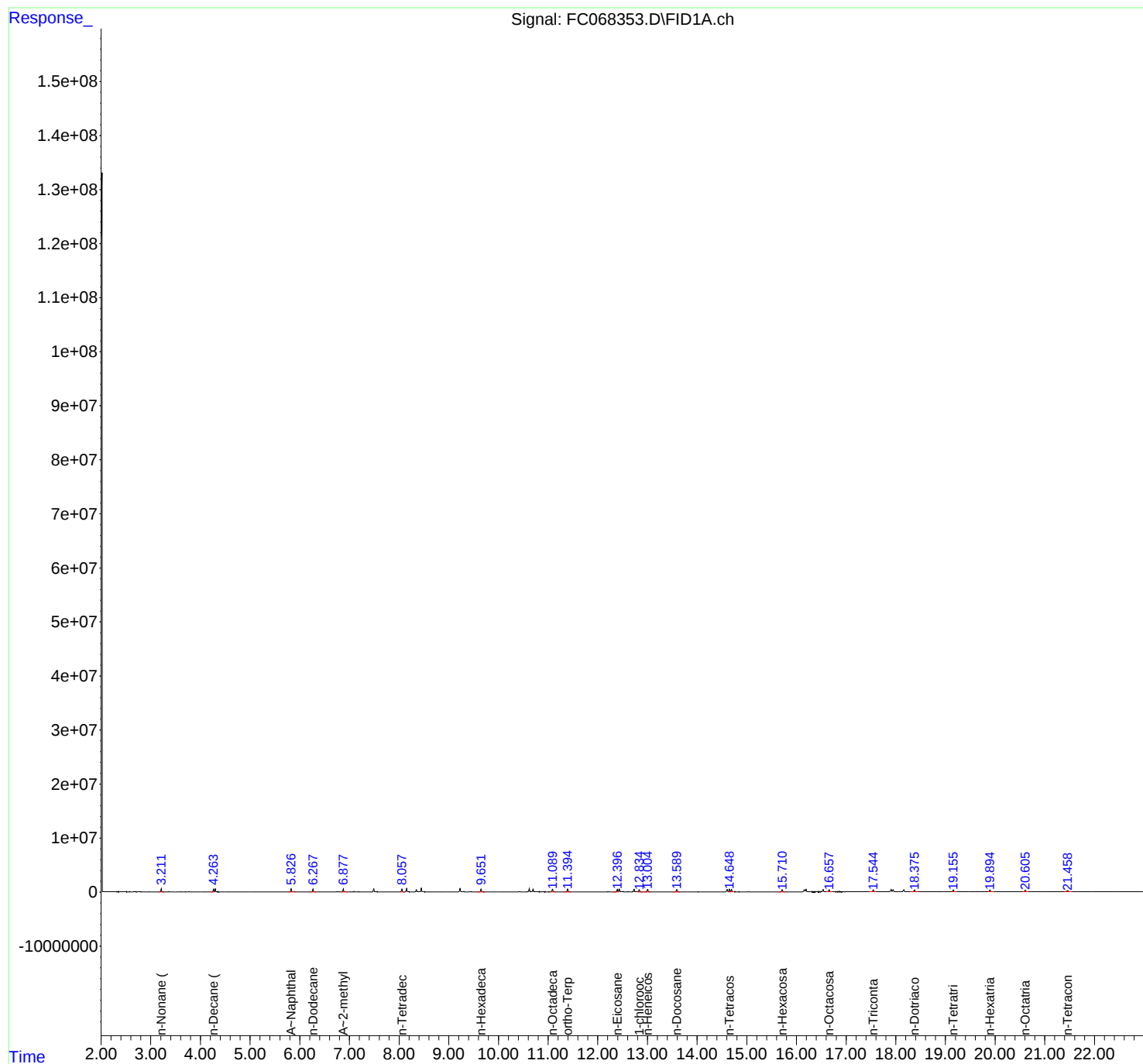
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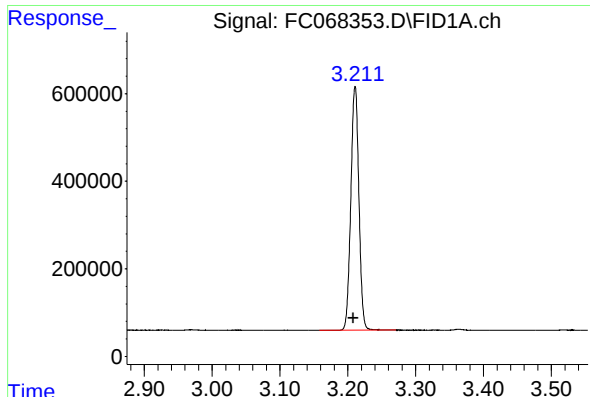
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#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: 0.003 min
Response: 4592462
Conc: 32.65 ug/ml

Instrument :

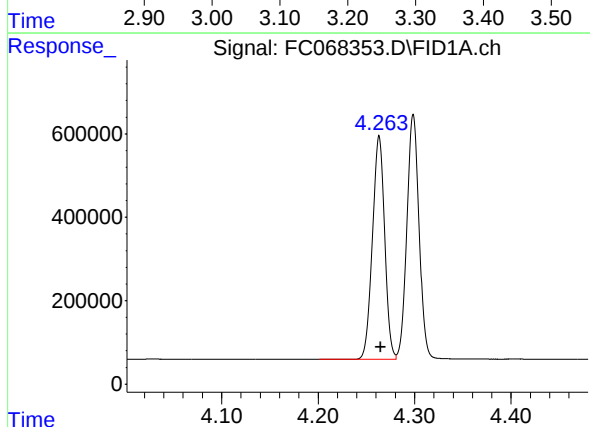
FID_C

ClientSampleId :

PB166975BS

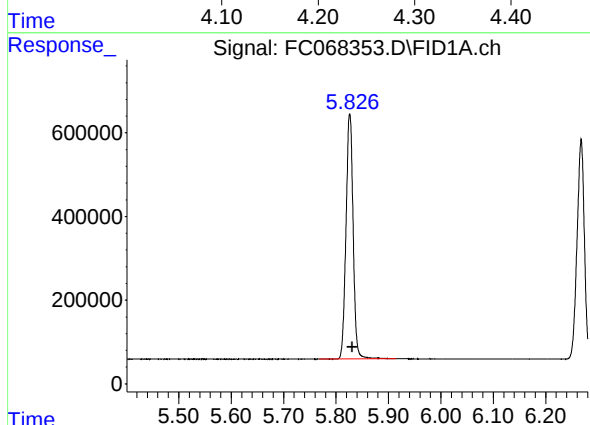
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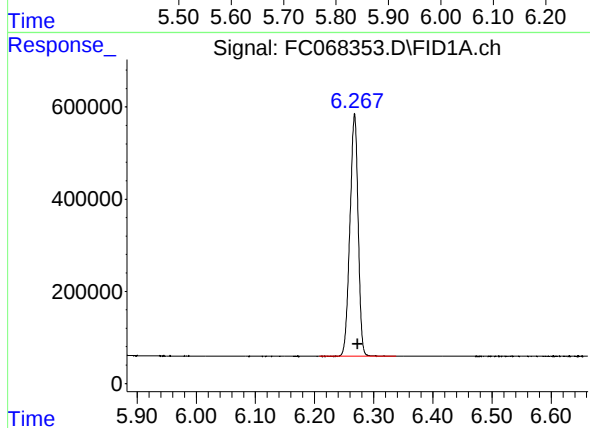
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 4723855
Conc: 33.34 ug/ml



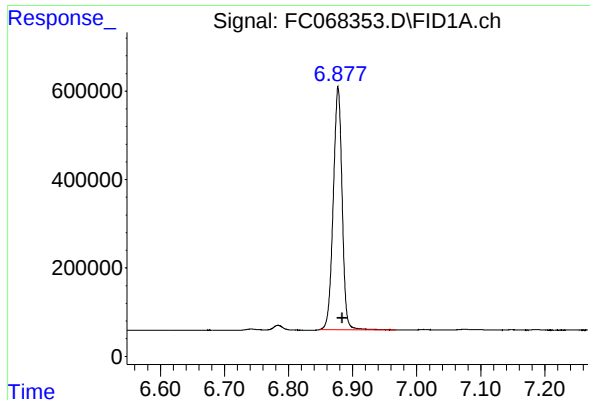
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: -0.005 min
Response: 5512378
Conc: 36.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.267 min
Delta R.T.: -0.006 min
Response: 5080264
Conc: 36.09 ug/ml



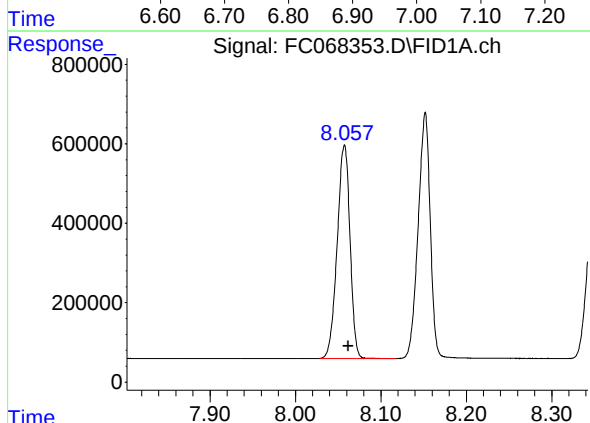
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.007 min
Response: 5297458
Conc: 36.58 ug/ml

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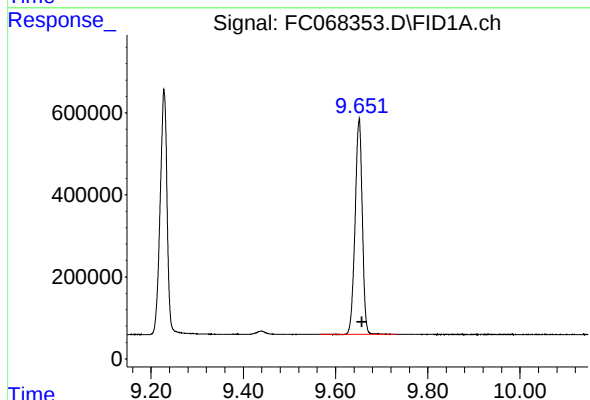
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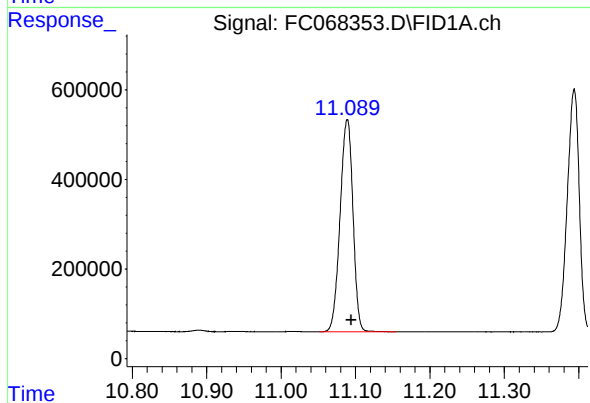
#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: -0.005 min
Response: 5603510
Conc: 41.10 ug/ml



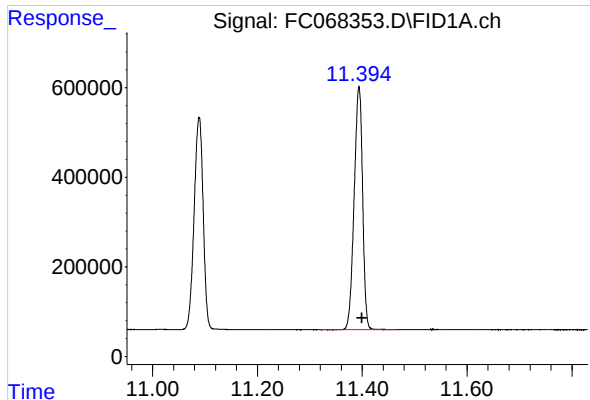
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: -0.006 min
Response: 5687031
Conc: 41.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.089 min
Delta R.T.: -0.006 min
Response: 5696190
Conc: 41.65 ug/ml



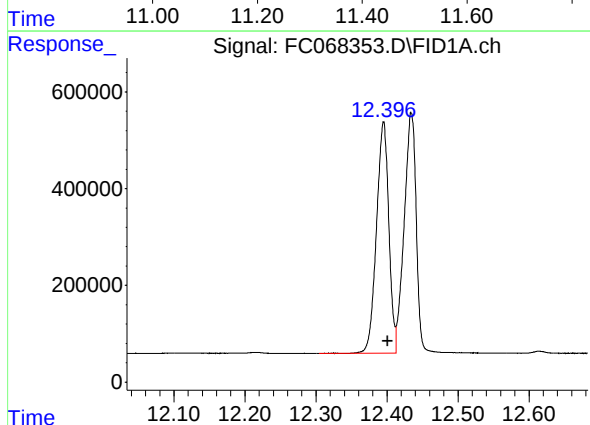
#9 ortho-Terphenyl (SURR)

R.T.: 11.394 min
Delta R.T.: -0.006 min
Response: 6069865
Conc: 39.56 ug/ml

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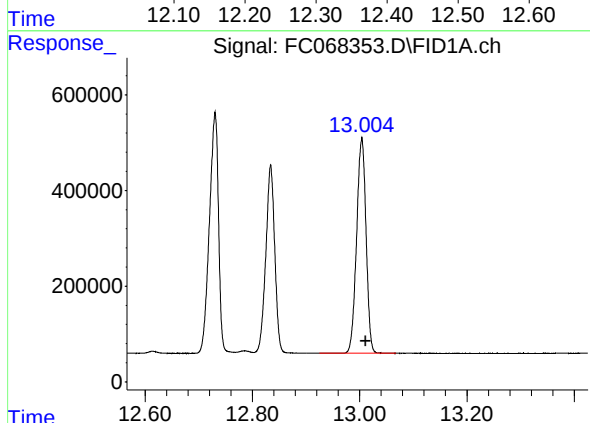
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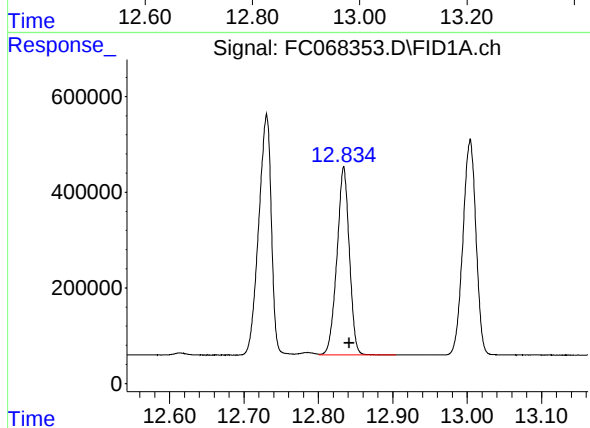
#10 n-Eicosane (C20)

R.T.: 12.395 min
Delta R.T.: -0.006 min
Response: 5753487
Conc: 44.16 ug/ml



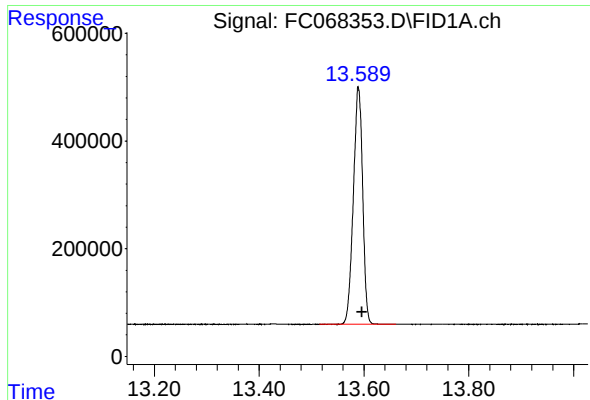
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: -0.007 min
Response: 5493912
Conc: 42.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.834 min
Delta R.T.: -0.007 min
Response: 4549723
Conc: 40.45 ug/ml



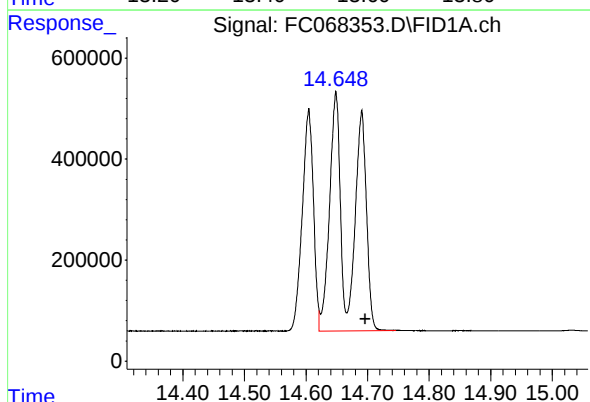
#13 n-Docosane (C22)

R.T.: 13.590 min
Delta R.T.: -0.006 min
Response: 5444175
Conc: 43.20 ug/ml

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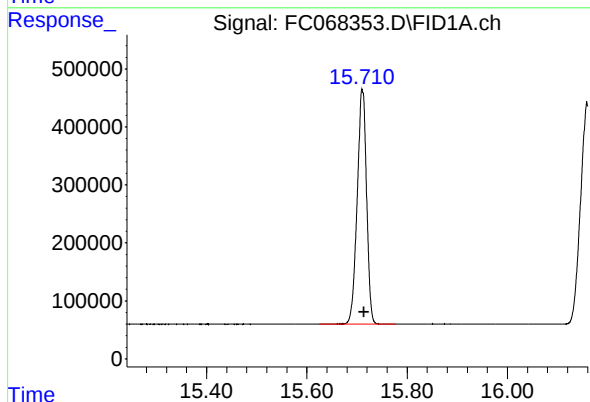
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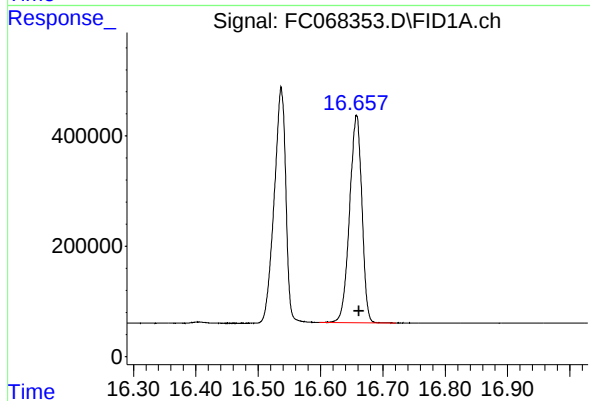
#14 n-Tetracosane (C24)

R.T.: 14.648 min
Delta R.T.: -0.048 min
Response: 11106397
Conc: 89.30 ug/ml m



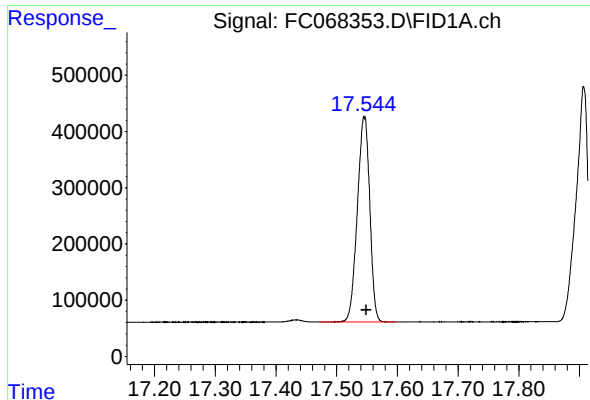
#15 n-Hexacosane (C26)

R.T.: 15.711 min
Delta R.T.: -0.003 min
Response: 5260097
Conc: 43.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.658 min
Delta R.T.: -0.004 min
Response: 5165370
Conc: 43.49 ug/ml



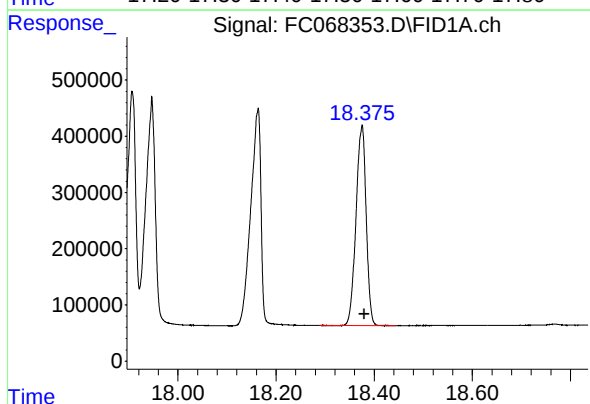
#17 n-Tricontane (C30)

R.T.: 17.545 min
Delta R.T.: -0.004 min
Response: 5193757
Conc: 43.15 ug/ml

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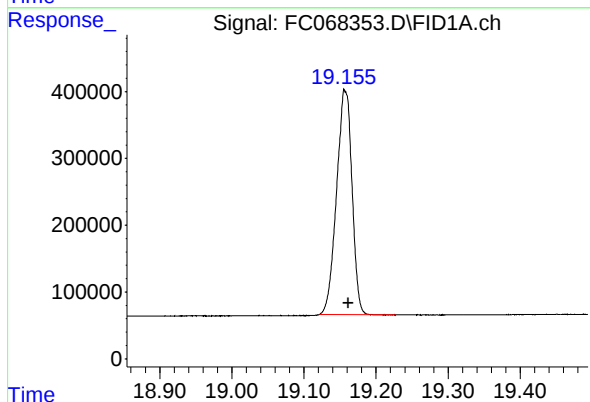
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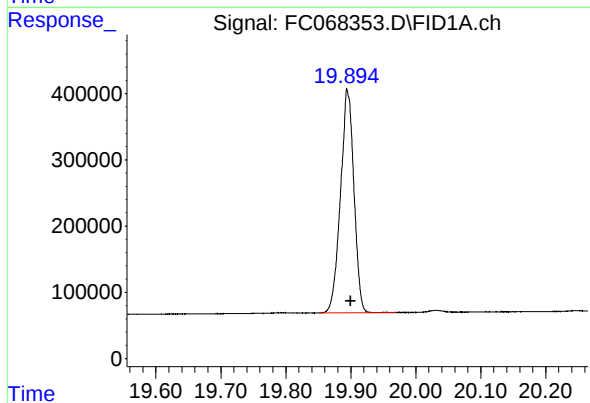
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: -0.005 min
Response: 5120355
Conc: 44.12 ug/ml



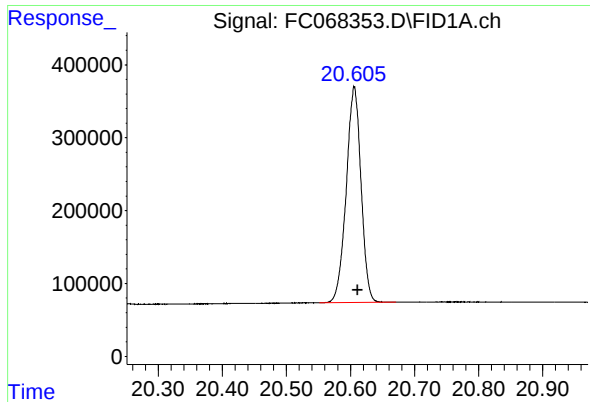
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.004 min
Response: 5023936
Conc: 46.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.895 min
Delta R.T.: -0.005 min
Response: 4837413
Conc: 50.30 ug/ml



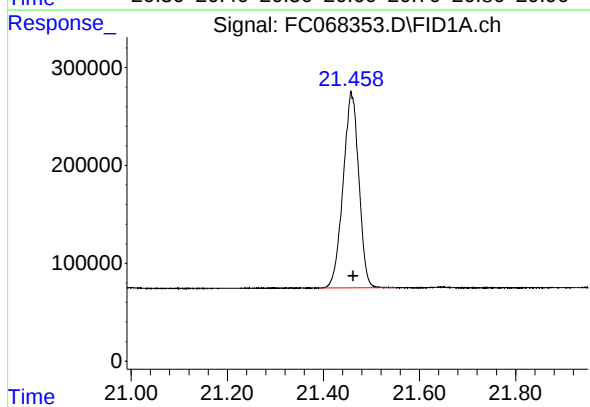
#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.005 min
Response: 4729353
Conc: 52.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.459 min
Delta R.T.: -0.004 min
Response: 4539329
Conc: 52.47 ug/ml