

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021725AL\
 Data File : FC068274.D
 Signal(s) : FID1A.ch
 Acq On : 17 Feb 2025 14:16
 Operator : YP/AJ
 Sample : PB166742BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166742BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2025
 Supervised By :Ankita Jodhani 02/18/2025

Integration File: autoint1.e
 Quant Time: Feb 18 02:04:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 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)	11.401	5735603	36.704 ug/ml
Spiked Amount 50.000		Recovery =	73.41%
12) S 1-chlorooctadecane (S...	12.843	4531596	39.404 ug/ml
Spiked Amount 50.000		Recovery =	78.81%
Target Compounds			
1) T n-Nonane (C9)	3.216	5291843	38.645 ug/ml
2) T n-Decane (C10)	4.270	5540092	39.905 ug/ml
3) T A~Naphthalene (C11.7)	5.833	6375479	42.468 ug/ml
4) T n-Dodecane (C12)	6.274	5575885	39.914 ug/ml
5) T A~2-methylnaphthalene...	6.885	5826114	40.563 ug/ml
6) T n-Tetradecane (C14)	8.063	5583420	40.911 ug/ml
7) T n-Hexadecane (C16)	9.658	5448849	39.215 ug/ml
8) T n-Octadecane (C18)	11.097	5388388	38.512 ug/ml
10) T n-Eicosane (C20)	12.403	5485029	40.994 ug/ml
11) T n-Heneicosane (C21)	13.012	5211711	39.681 ug/ml
13) T n-Docosane (C22)	13.598	5165583	39.878 ug/ml
14) T n-Tetracosane (C24)	14.657	10659692	83.028 ug/mlm
15) T n-Hexacosane (C26)	15.719	4987391	39.634 ug/ml
16) T n-Octacosane (C28)	16.665	4929493	39.413 ug/ml
17) T n-Tricontane (C30)	17.553	4980969	38.536 ug/ml
18) T n-Dotriacontane (C32)	18.384	4918577	39.345 ug/ml
19) T n-Tetratriacontane (C34)	19.166	4905107	45.219 ug/ml
20) T n-Hexatriacontane (C36)	19.905	4692289	50.704 ug/ml
21) T n-Octatriacontane (C38)	20.618	4621671	53.936 ug/ml
22) T n-Tetracontane (C40)	21.473	4572430	56.548 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021725AL\
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Sample : PB166742BSD
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ALS Vial : 13 Sample Multiplier: 1

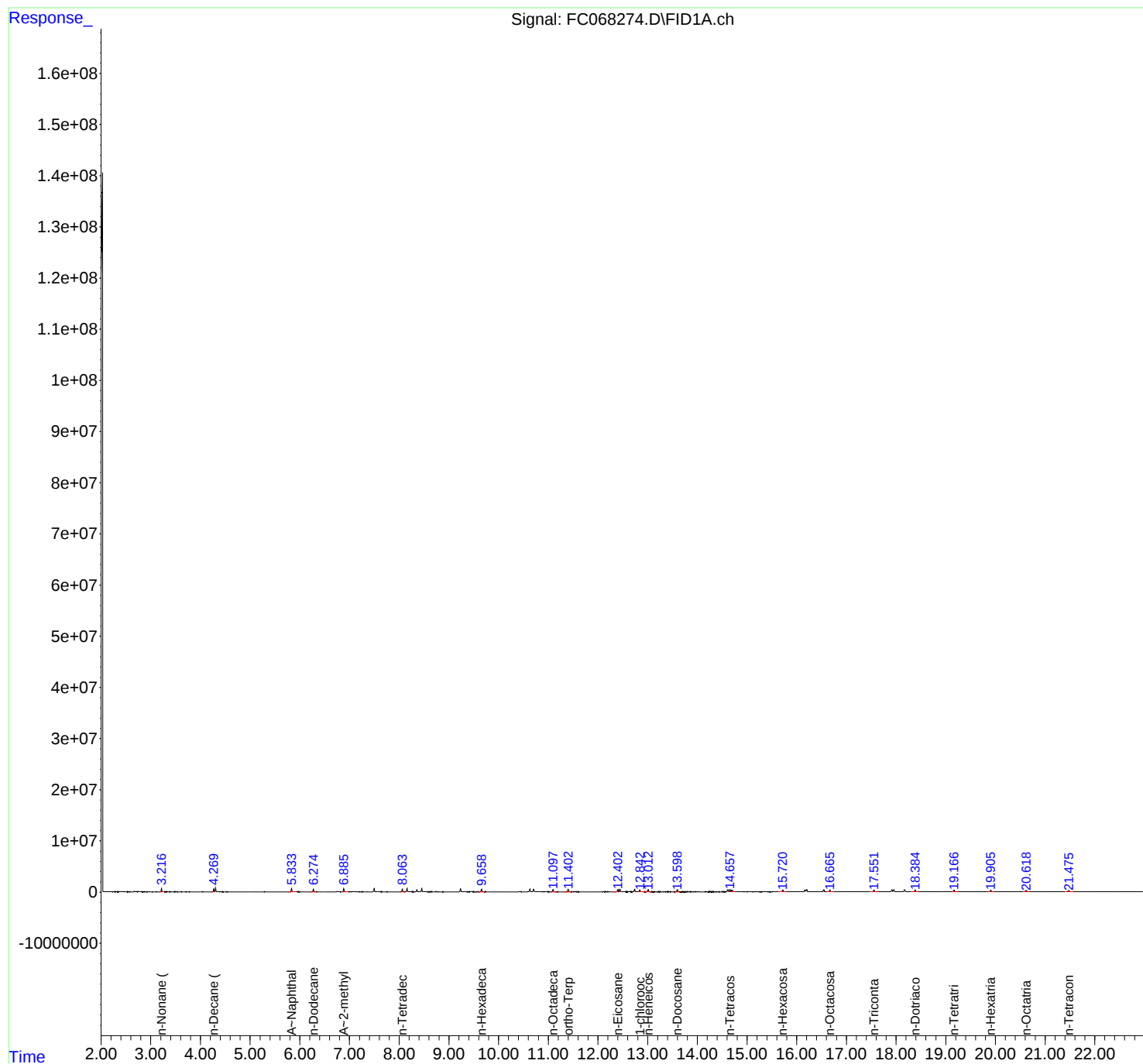
Instrument :
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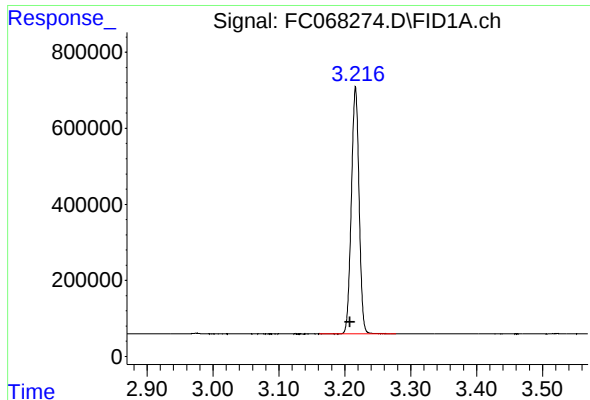
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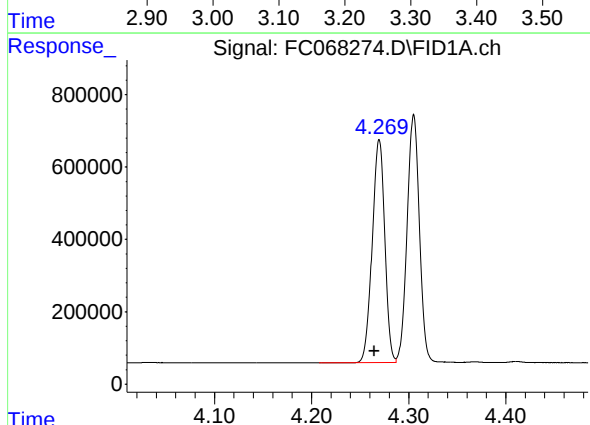
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: 0.008 min
Response: 5291843
Conc: 38.65 ug/ml

Instrument :
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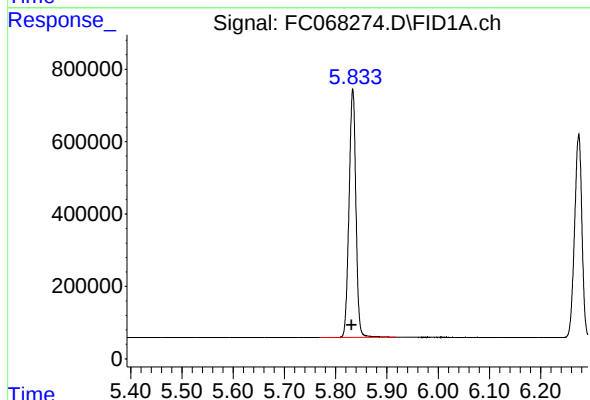
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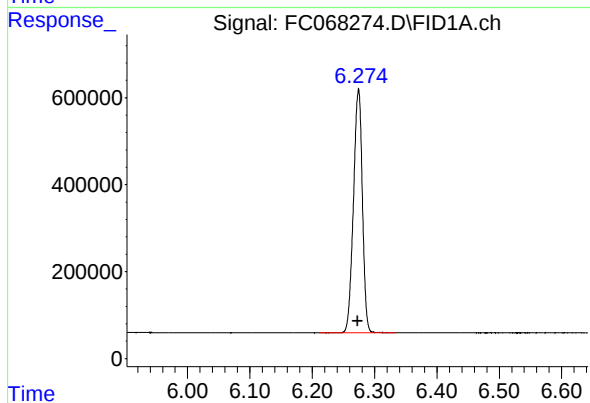
#2 n-Decane (C10)

R.T.: 4.270 min
Delta R.T.: 0.005 min
Response: 5540092
Conc: 39.90 ug/ml



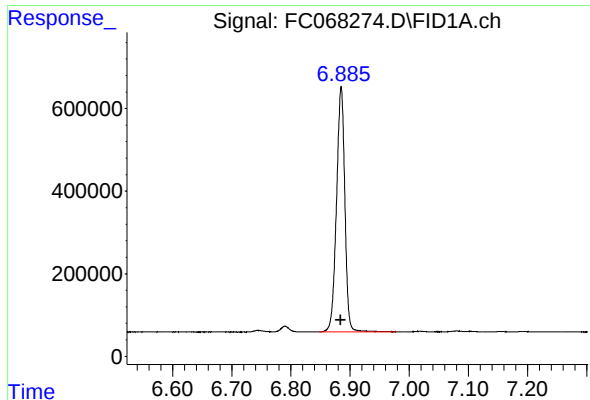
#3 A~Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: 0.002 min
Response: 6375479
Conc: 42.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 5575885
Conc: 39.91 ug/ml



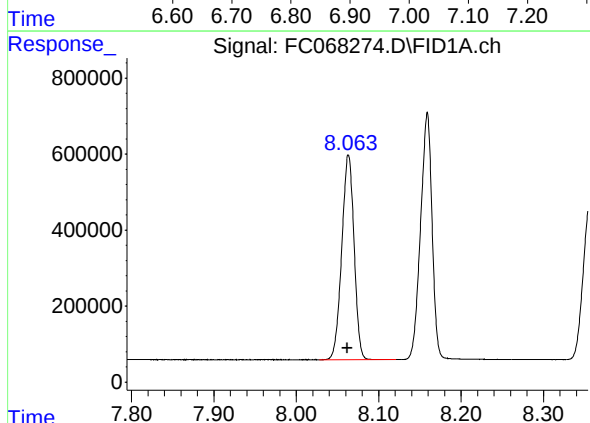
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 5826114
Conc: 40.56 ug/ml

Instrument :
FID_C
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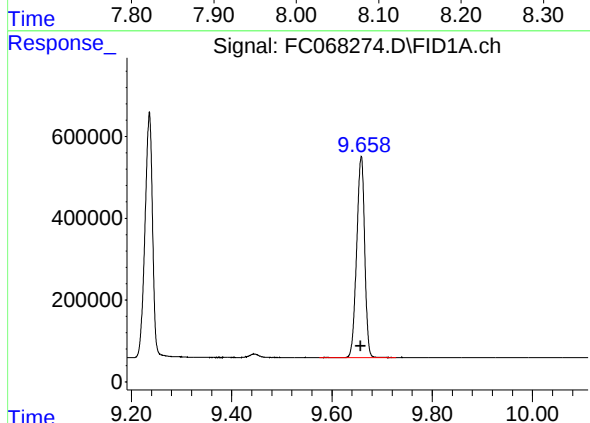
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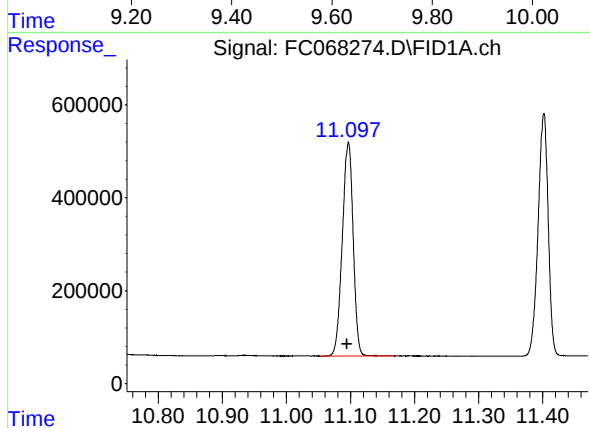
#6 n-Tetradecane (C14)

R.T.: 8.063 min
Delta R.T.: 0.002 min
Response: 5583420
Conc: 40.91 ug/ml



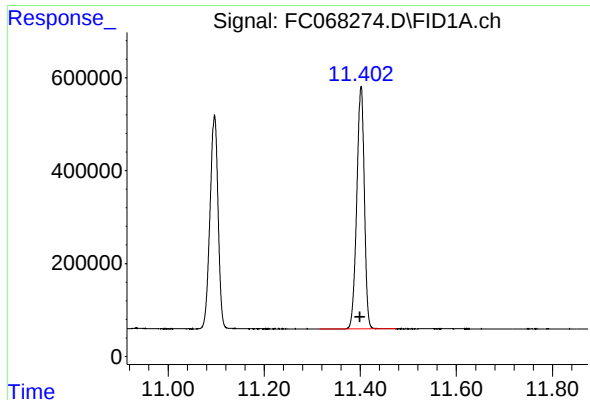
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: 0.000 min
Response: 5448849
Conc: 39.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.097 min
Delta R.T.: 0.002 min
Response: 5388388
Conc: 38.51 ug/ml



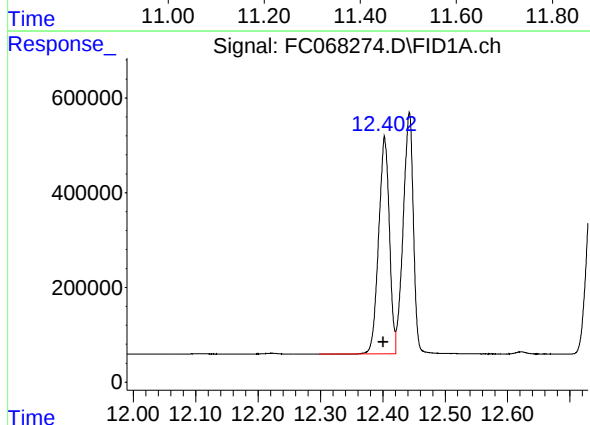
#9 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: 0.002 min
Response: 5735603
Conc: 36.70 ug/ml

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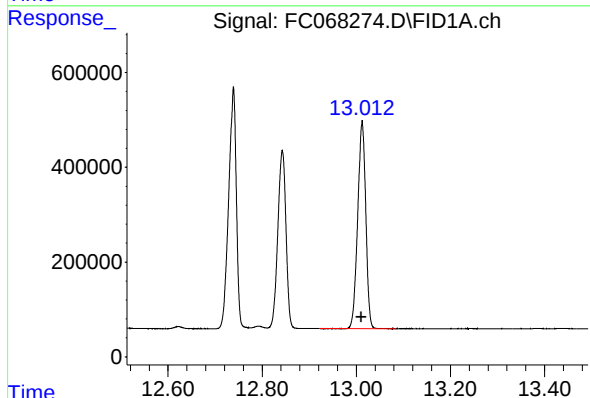
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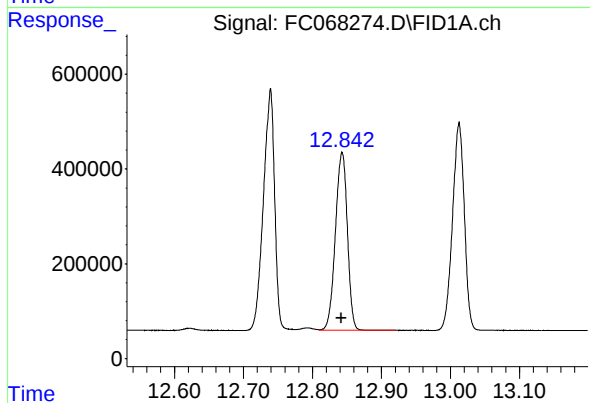
#10 n-Eicosane (C20)

R.T.: 12.403 min
Delta R.T.: 0.002 min
Response: 5485029
Conc: 40.99 ug/ml



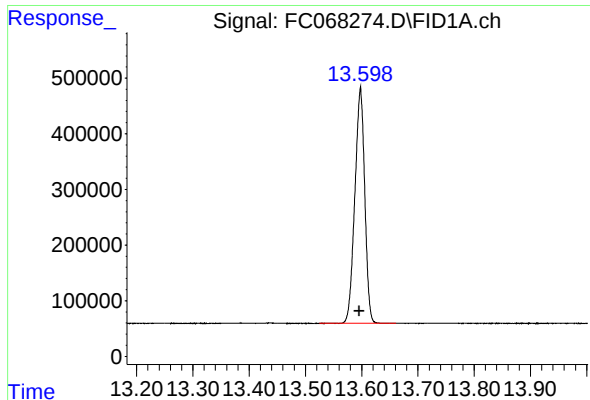
#11 n-Heneicosane (C21)

R.T.: 13.012 min
Delta R.T.: 0.002 min
Response: 5211711
Conc: 39.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.843 min
Delta R.T.: 0.001 min
Response: 4531596
Conc: 39.40 ug/ml



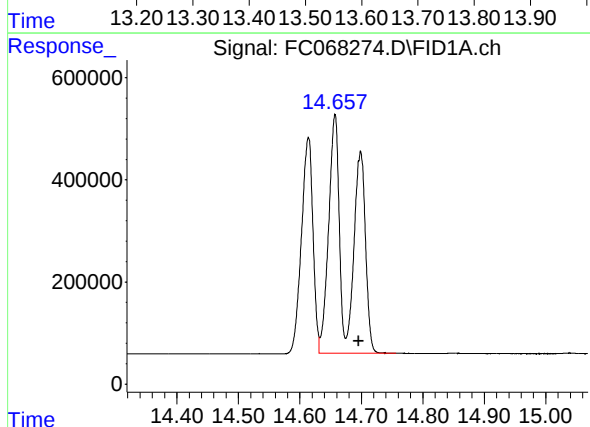
#13 n-Docosane (C22)

R.T.: 13.598 min
Delta R.T.: 0.002 min
Response: 5165583
Conc: 39.88 ug/ml

Instrument :
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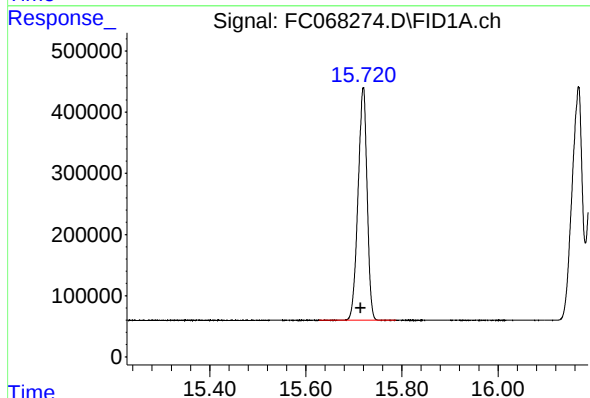
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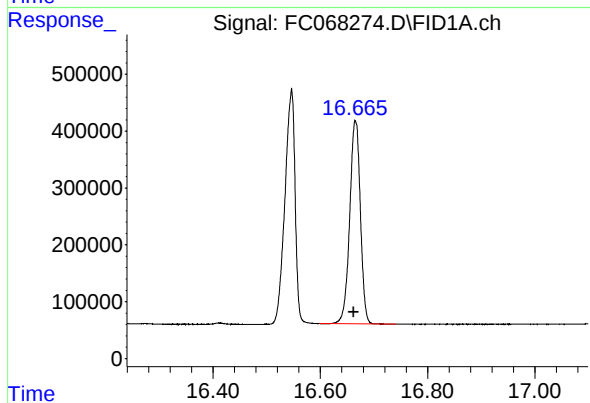
#14 n-Tetracosane (C24)

R.T.: 14.657 min
Delta R.T.: -0.039 min
Response: 10659692
Conc: 83.03 ug/ml m



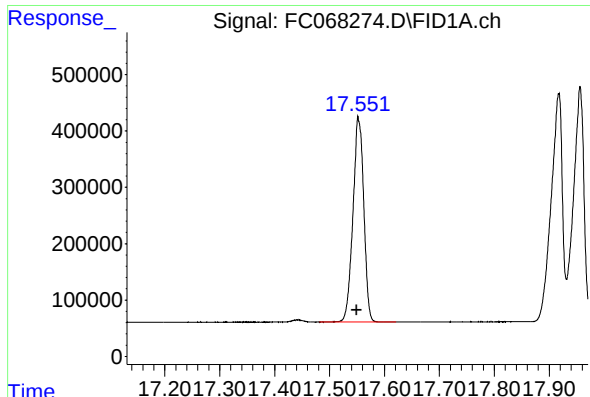
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: 0.005 min
Response: 4987391
Conc: 39.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.665 min
Delta R.T.: 0.003 min
Response: 4929493
Conc: 39.41 ug/ml



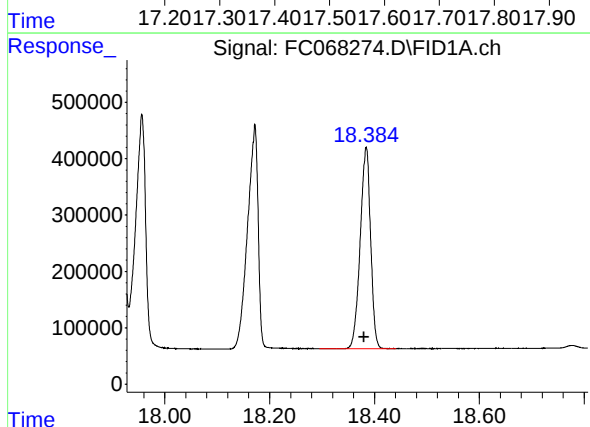
#17 n-Tricontane (C30)

R.T.: 17.553 min
Delta R.T.: 0.004 min
Response: 4980969
Conc: 38.54 ug/ml

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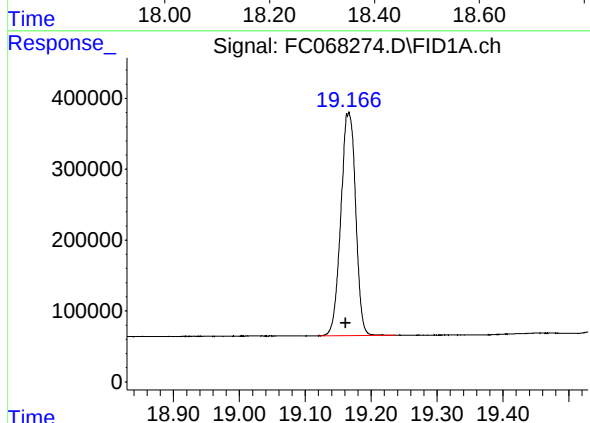
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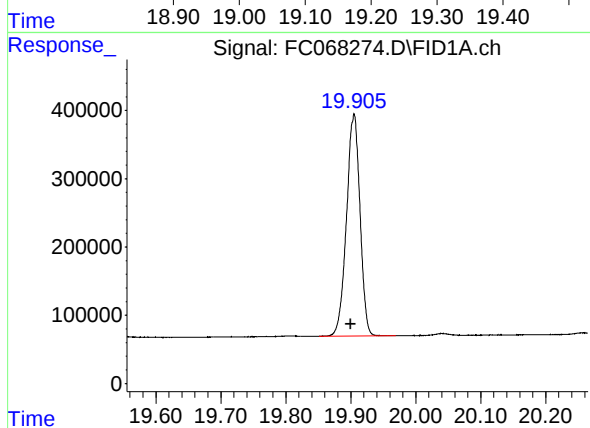
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.004 min
Response: 4918577
Conc: 39.34 ug/ml



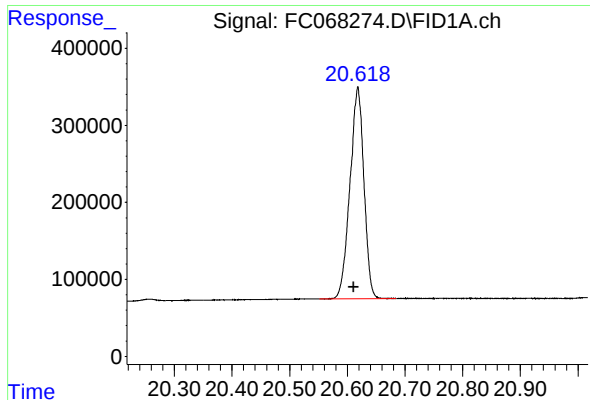
#19 n-Tetratriacontane (C34)

R.T.: 19.166 min
Delta R.T.: 0.005 min
Response: 4905107
Conc: 45.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.905 min
Delta R.T.: 0.004 min
Response: 4692289
Conc: 50.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.618 min
Delta R.T.: 0.007 min
Response: 4621671
Conc: 53.94 ug/ml

Instrument :

FID_C

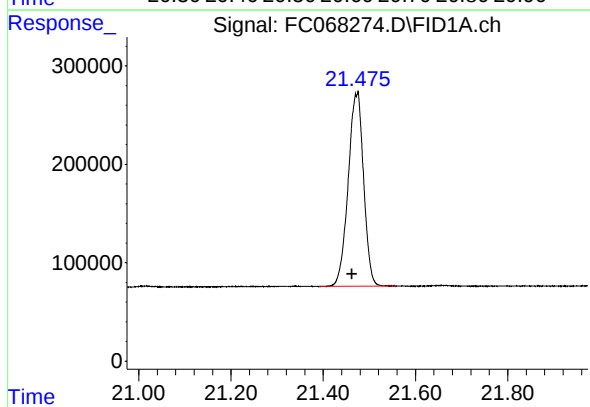
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#22 n-Tetracontane (C40)

R.T.: 21.473 min
Delta R.T.: 0.010 min
Response: 4572430
Conc: 56.55 ug/ml