

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032725AL\
 Data File : FC068424.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 16:58
 Operator : YP/AJ
 Sample : Q1648-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2025
 Supervised By :mohammad ahmed 03/31/2025

Integration File: autoint1.e
 Quant Time: Mar 28 02:48:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 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)	11.385	5049506	25.422 ug/mlm
Spiked Amount 50.000		Recovery =	50.84%
12) S 1-chlorooctadecane (S...	12.826	4136568	27.748 ug/ml
Spiked Amount 50.000		Recovery =	55.50%
Target Compounds			
1) T n-Nonane (C9)	3.195	3950846	24.702 ug/ml
2) T n-Decane (C10)	4.254	4489226	27.693 ug/ml
3) T A~Naphthalene (C11.7)	5.819	5403153	30.582 ug/ml
4) T n-Dodecane (C12)	6.261	4999999	30.320 ug/ml
5) T A~2-methylnaphthalene...	6.871	5110208	30.043 ug/ml
6) T n-Tetradecane (C14)	8.051	5231271	31.794 ug/ml
7) T n-Hexadecane (C16)	9.644	5684247	33.077 ug/ml
8) T n-Octadecane (C18)	11.082	5567297	31.718 ug/ml
10) T n-Eicosane (C20)	12.388	5942754	34.699 ug/ml
11) T n-Heneicosane (C21)	12.997	5644670	33.651 ug/ml
13) T n-Docosane (C22)	13.583	5585622	33.110 ug/ml
14) T n-Tetracosane (C24)	14.642	12380958	72.292 ug/mlm
15) T n-Hexacosane (C26)	15.702	5165533	30.691 ug/ml
16) T n-Octacosane (C28)	16.648	5316412	31.794 ug/ml
17) T n-Tricontane (C30)	17.536	5100232	29.252 ug/ml
18) T n-Dotriacontane (C32)	18.365	4879842	29.150 ug/ml
19) T n-Tetratriacontane (C34)	19.148	4702977	31.885 ug/ml
20) T n-Hexatriacontane (C36)	19.884	4440004	36.280 ug/mlm
21) T n-Octatriacontane (C38)	20.595	4321199	40.240 ug/ml
22) T n-Tetracontane (C40)	21.438	4103998	41.875 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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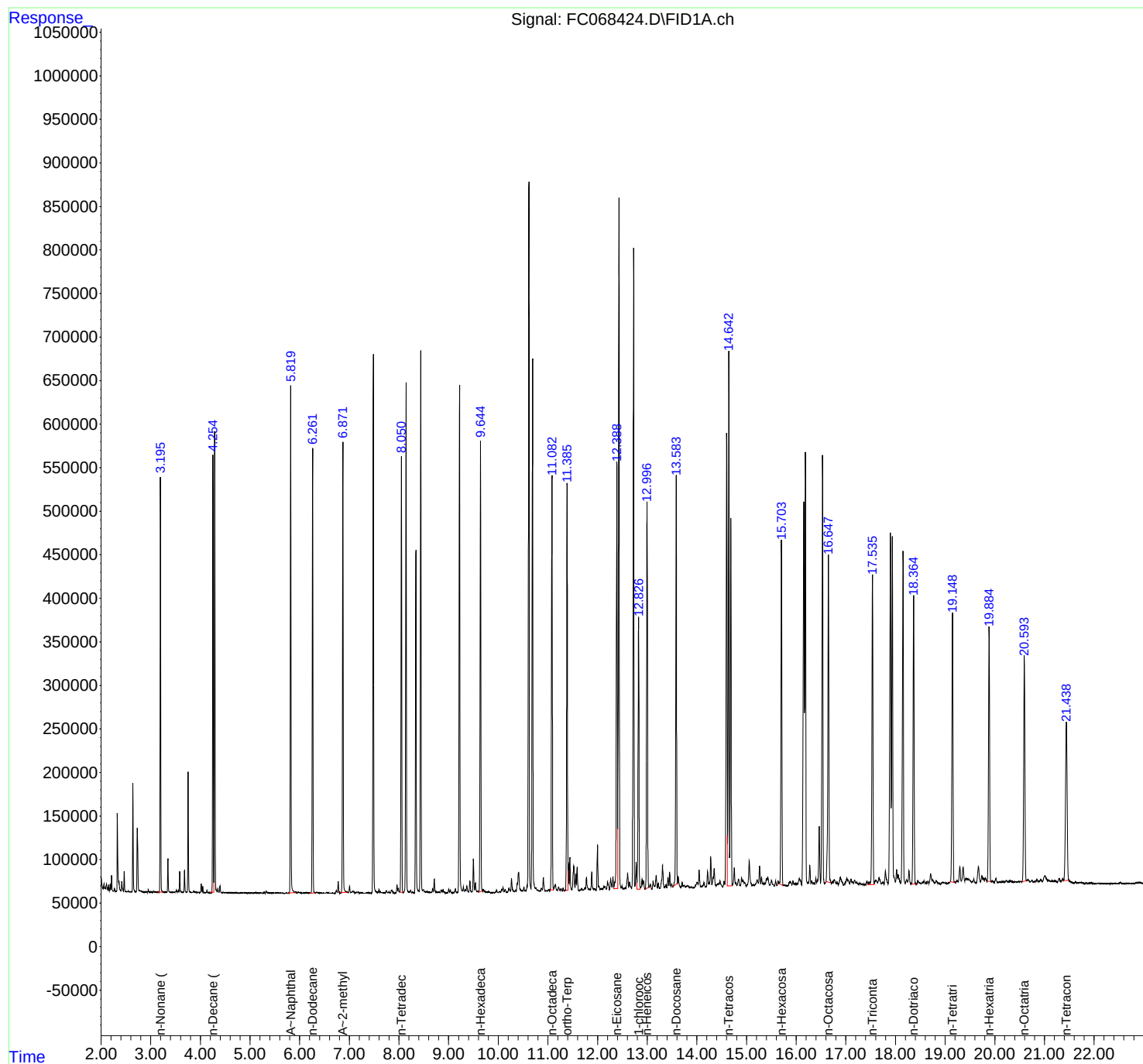
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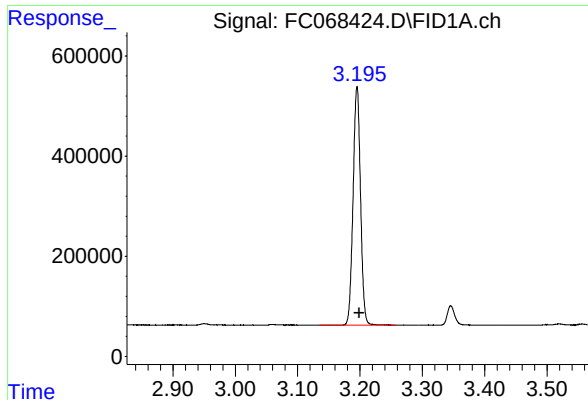
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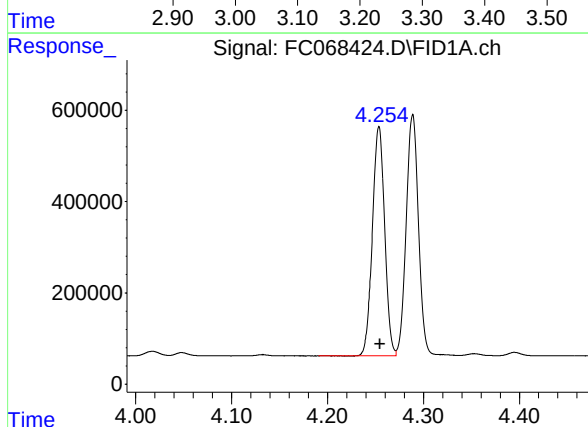
#1 n-Nonane (C9)

R.T.: 3.195 min
Delta R.T.: -0.004 min
Response: 3950846
Conc: 24.70 ug/ml

Instrument :
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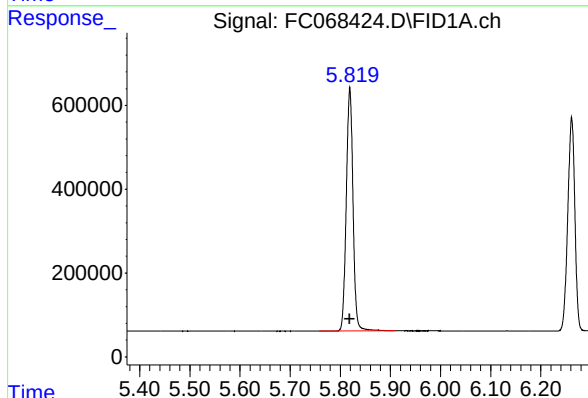
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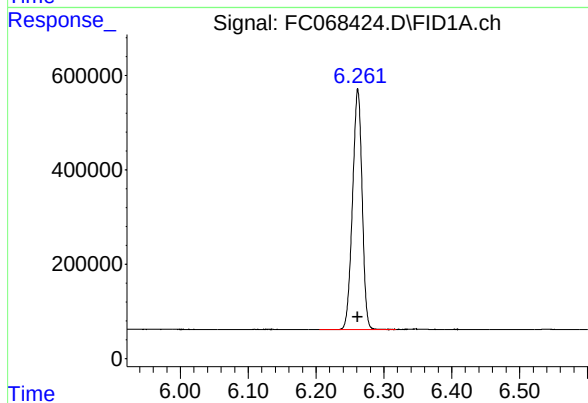
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 4489226
Conc: 27.69 ug/ml



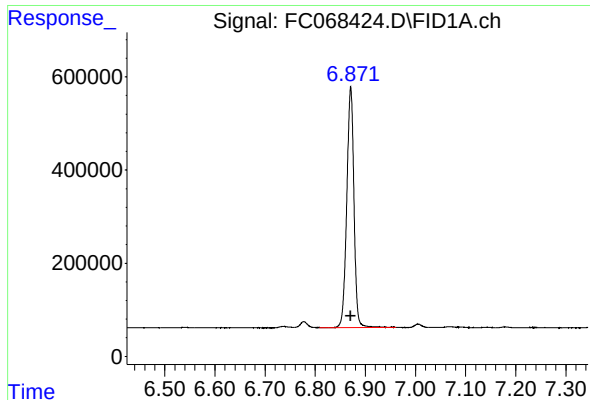
#3 A~Naphthalene (C11.7)

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 5403153
Conc: 30.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 4999999
Conc: 30.32 ug/ml



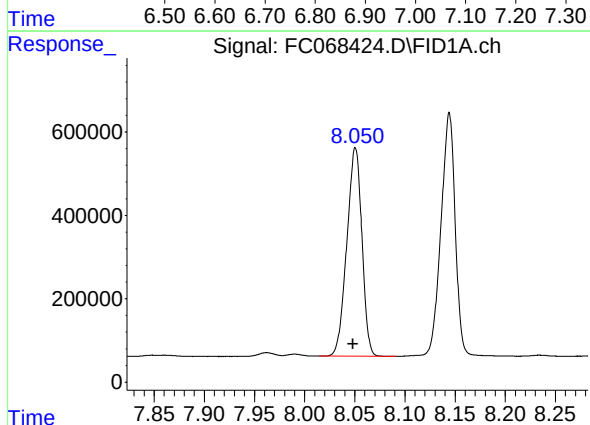
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 5110208
Conc: 30.04 ug/ml

Instrument :
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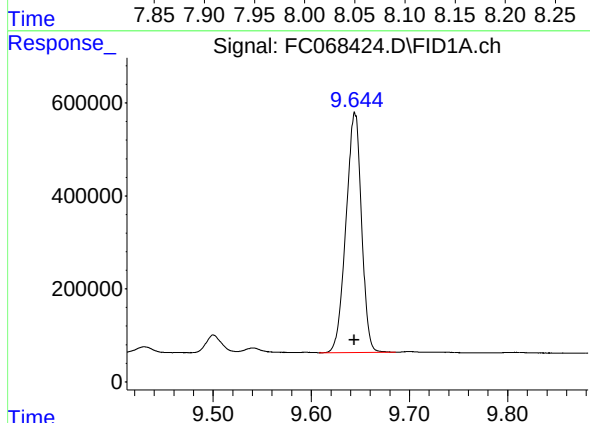
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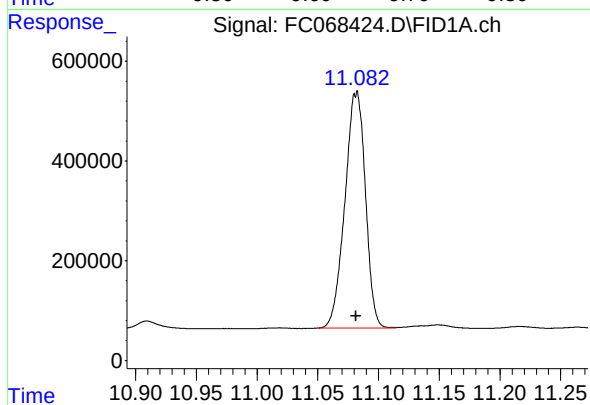
#6 n-Tetradecane (C14)

R.T.: 8.051 min
Delta R.T.: 0.002 min
Response: 5231271
Conc: 31.79 ug/ml



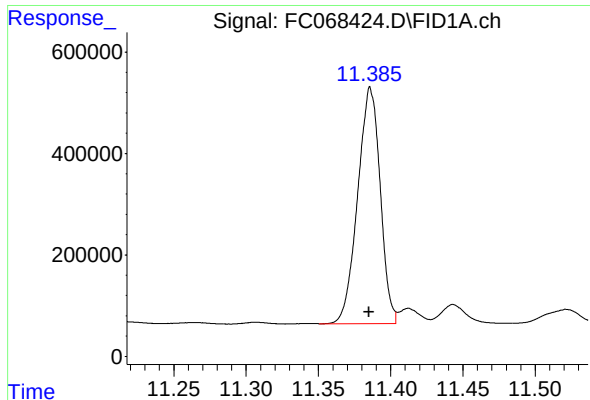
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 5684247
Conc: 33.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.082 min
Delta R.T.: 0.000 min
Response: 5567297
Conc: 31.72 ug/ml



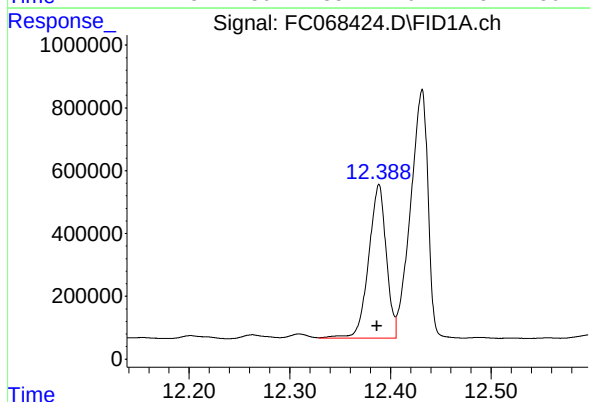
#9 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 5049506
Conc: 25.42 ug/ml

Instrument :
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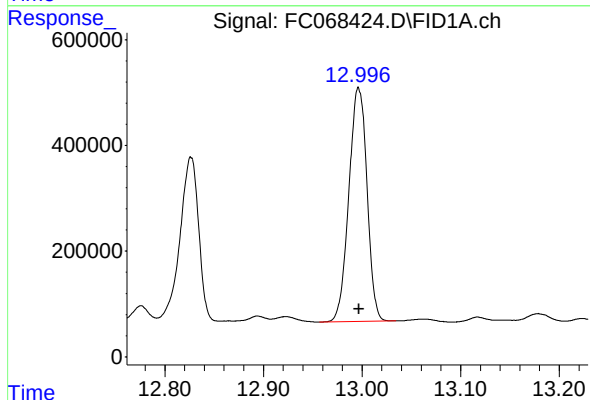
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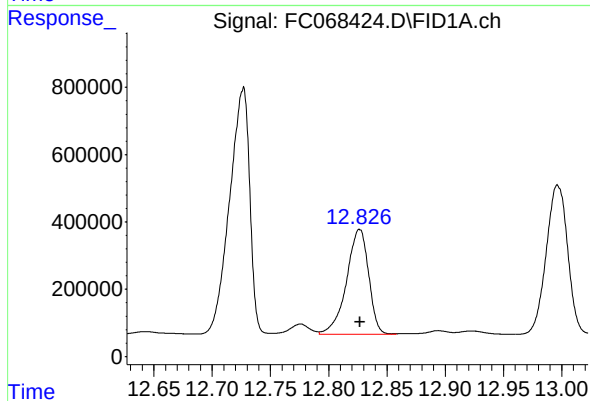
#10 n-Eicosane (C20)

R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 5942754
Conc: 34.70 ug/ml



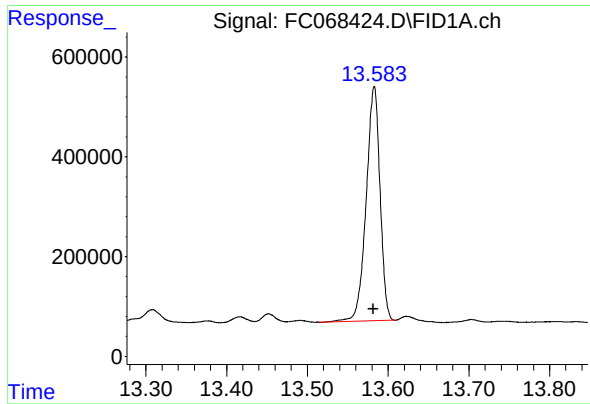
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 5644670
Conc: 33.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.826 min
Delta R.T.: 0.000 min
Response: 4136568
Conc: 27.75 ug/ml



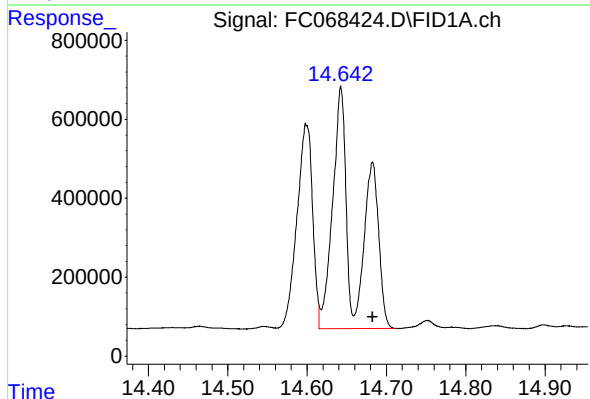
#13 n-Docosane (C22)

R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 5585622
Conc: 33.11 ug/ml

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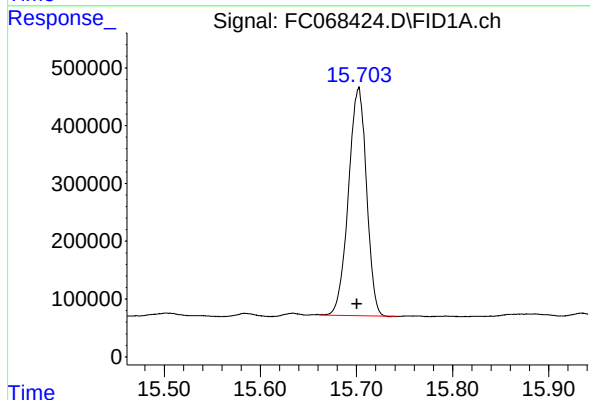
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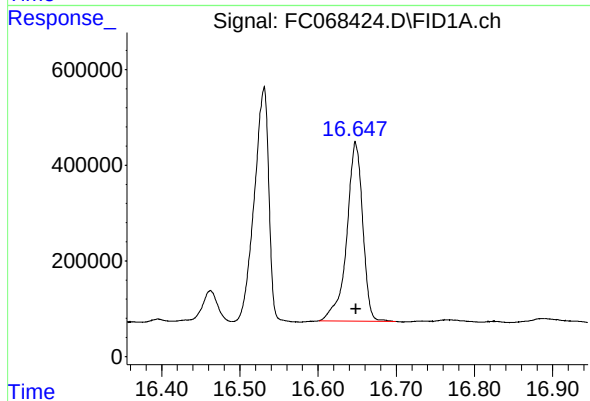
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: -0.040 min
Response: 12380958
Conc: 72.29 ug/ml m



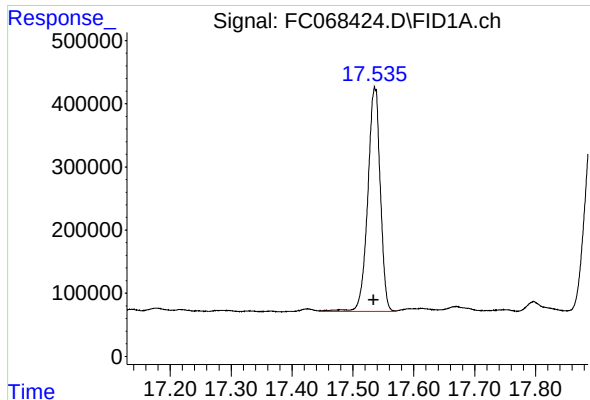
#15 n-Hexacosane (C26)

R.T.: 15.702 min
Delta R.T.: 0.002 min
Response: 5165533
Conc: 30.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.648 min
Delta R.T.: 0.000 min
Response: 5316412
Conc: 31.79 ug/ml



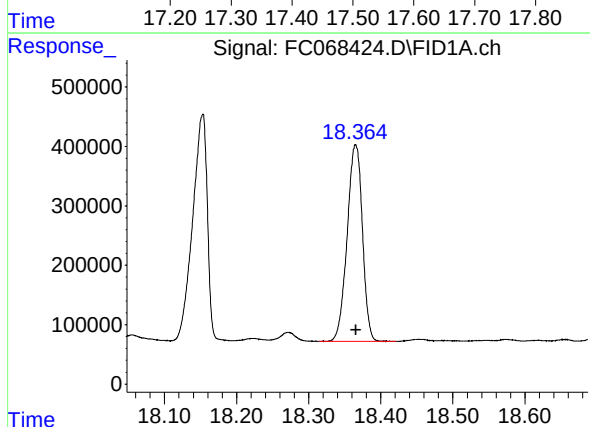
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: 0.002 min
Response: 5100232
Conc: 29.25 ug/ml

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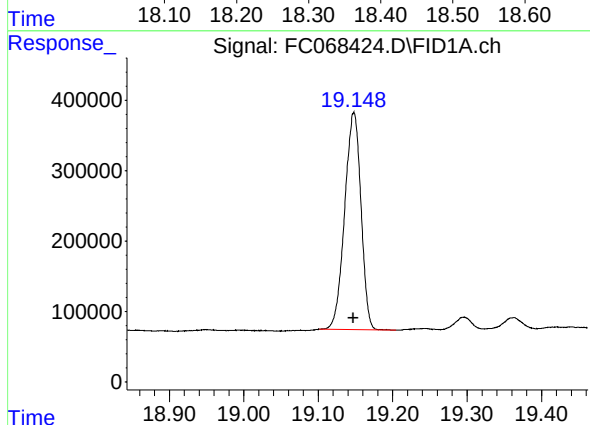
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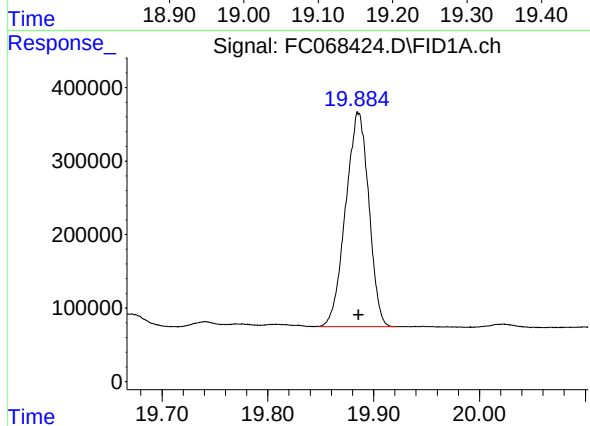
#18 n-Dotriacontane (C32)

R.T.: 18.365 min
Delta R.T.: 0.000 min
Response: 4879842
Conc: 29.15 ug/ml



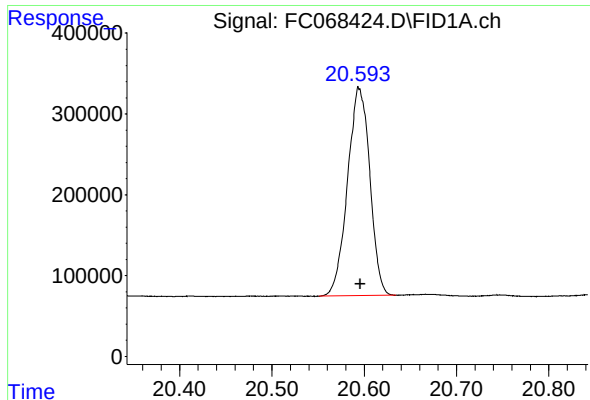
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min
Delta R.T.: 0.000 min
Response: 4702977
Conc: 31.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.884 min
Delta R.T.: -0.002 min
Response: 4440004
Conc: 36.28 ug/ml m



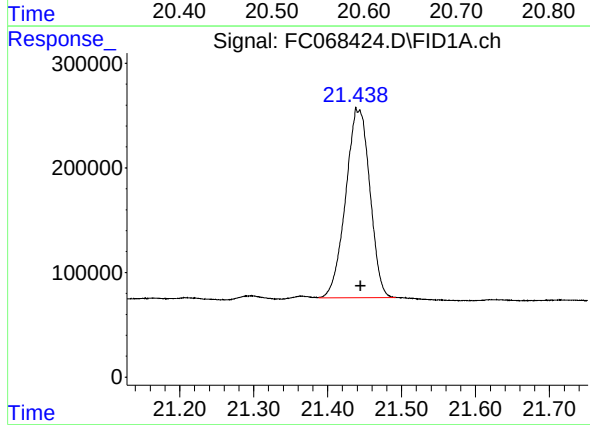
#21 n-Octatriacontane (C38)

R.T.: 20.595 min
Delta R.T.: 0.000 min
Response: 4321199
Conc: 40.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.438 min
Delta R.T.: -0.007 min
Response: 4103998
Conc: 41.88 ug/ml m