

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032725AL\
 Data File : FC068421.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 15:06
 Operator : YP/AJ
 Sample : PB167350BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167350BSD

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 02:47:28 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)	11.387	6437138	32.408 ug/ml
Spiked Amount 50.000		Recovery =	64.82%
12) S 1-chlorooctadecane (S...	12.827	4904661	32.901 ug/ml
Spiked Amount 50.000		Recovery =	65.80%
Target Compounds			
1) T n-Nonane (C9)	3.207	5091588	31.834 ug/ml
2) T n-Decane (C10)	4.259	5420648	33.439 ug/ml
3) T A~Naphthalene (C11.7)	5.821	6119949	34.639 ug/ml
4) T n-Dodecane (C12)	6.262	5651045	34.268 ug/ml
5) T A~2-methylnaphthalene...	6.872	5642132	33.170 ug/ml
6) T n-Tetradecane (C14)	8.050	5699054	34.637 ug/ml
7) T n-Hexadecane (C16)	9.644	5818932	33.860 ug/ml
8) T n-Octadecane (C18)	11.082	5788238	32.977 ug/ml
10) T n-Eicosane (C20)	12.388	5985441	34.948 ug/ml
11) T n-Heneicosane (C21)	12.997	5711663	34.051 ug/ml
13) T n-Docosane (C22)	13.582	5645341	33.464 ug/ml
14) T n-Tetracosane (C24)	14.640	11650027	68.024 ug/mlm
15) T n-Hexacosane (C26)	15.702	5438950	32.316 ug/ml
16) T n-Octacosane (C28)	16.649	5307146	31.739 ug/ml
17) T n-Tricontane (C30)	17.536	5282634	30.298 ug/ml
18) T n-Dotriacontane (C32)	18.366	5143467	30.725 ug/ml
19) T n-Tetratriacontane (C34)	19.148	5004107	33.926 ug/ml
20) T n-Hexatriacontane (C36)	19.887	4731829	38.665 ug/ml
21) T n-Octatriacontane (C38)	20.598	4587777	42.723 ug/ml
22) T n-Tetracontane (C40)	21.444	4277292	43.643 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB167350BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

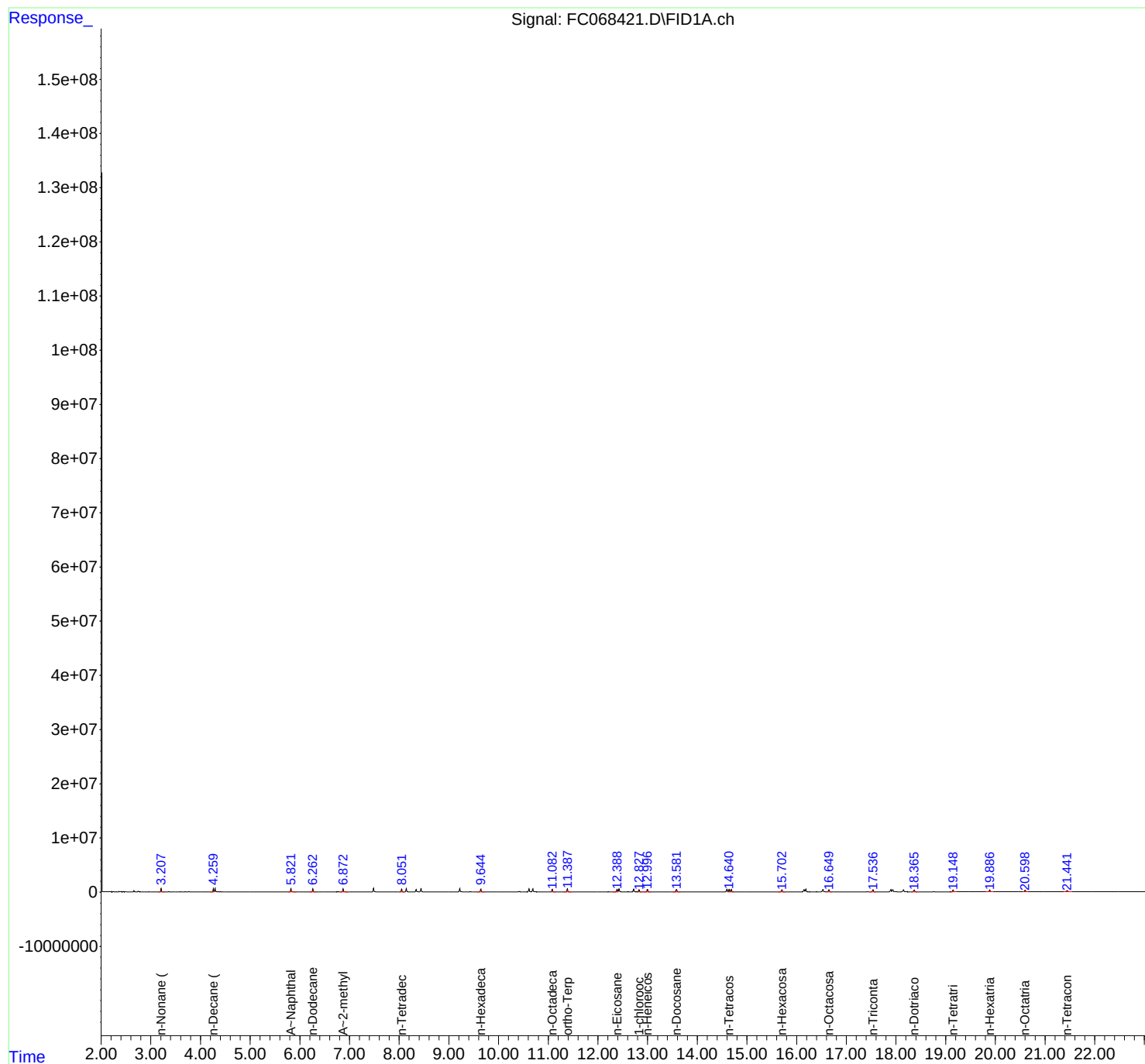
Instrument :
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PB167350BSD

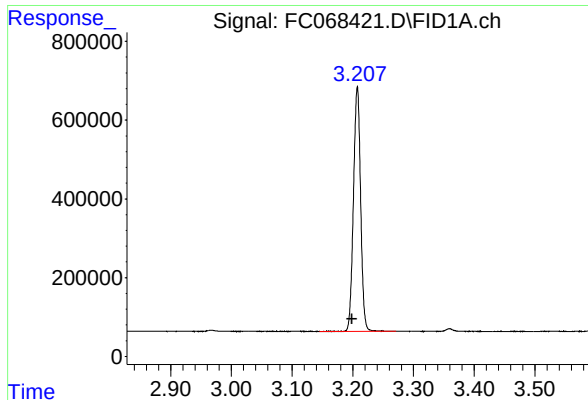
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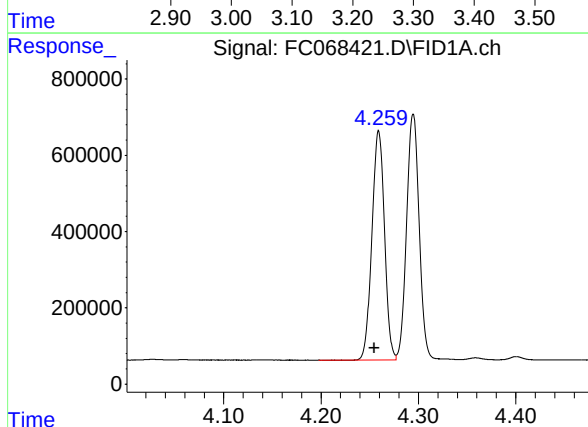
#1 n-Nonane (C9)

R.T.: 3.207 min
Delta R.T.: 0.008 min
Response: 5091588
Conc: 31.83 ug/ml

Instrument :
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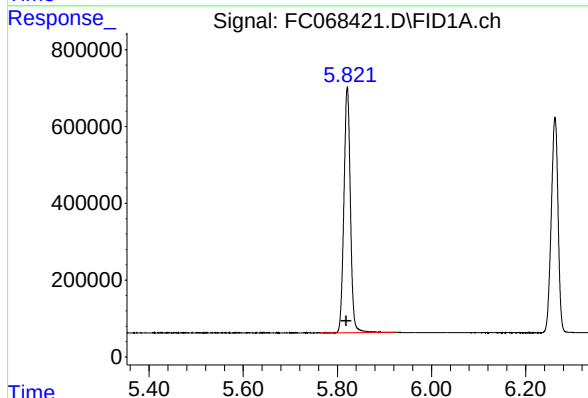
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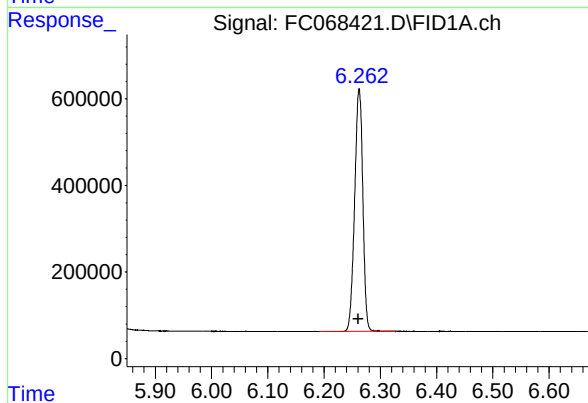
#2 n-Decane (C10)

R.T.: 4.259 min
Delta R.T.: 0.004 min
Response: 5420648
Conc: 33.44 ug/ml



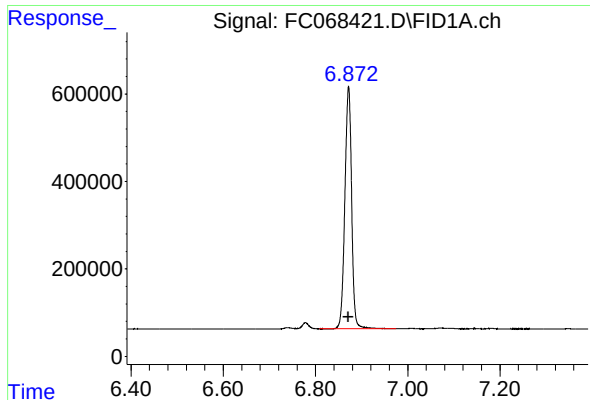
#3 A~Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: 0.002 min
Response: 6119949
Conc: 34.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.262 min
Delta R.T.: 0.001 min
Response: 5651045
Conc: 34.27 ug/ml



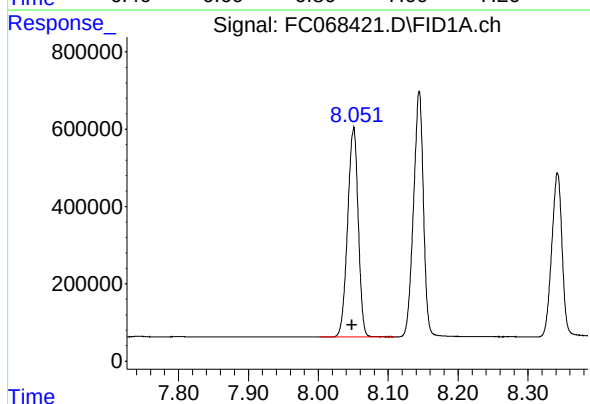
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 5642132
Conc: 33.17 ug/ml

Instrument :
FID_C
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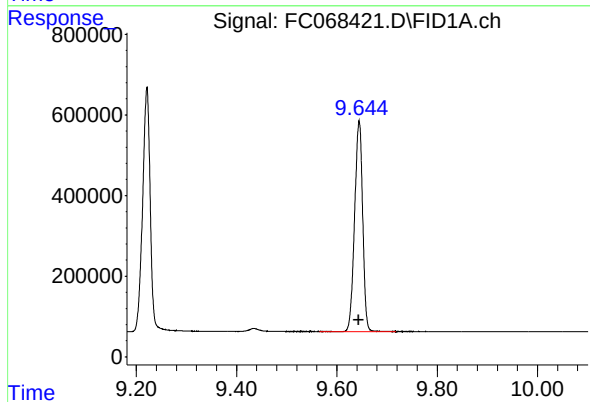
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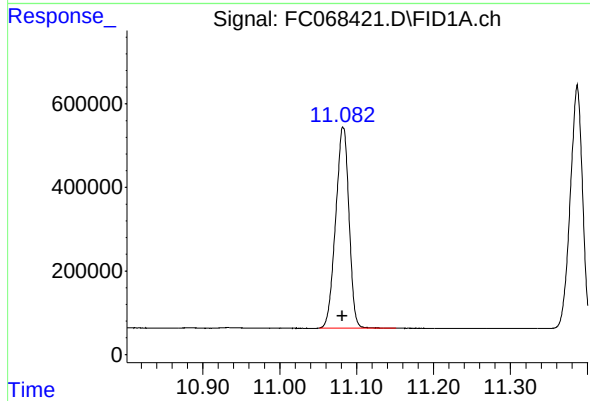
#6 n-Tetradecane (C14)

R.T.: 8.050 min
Delta R.T.: 0.002 min
Response: 5699054
Conc: 34.64 ug/ml



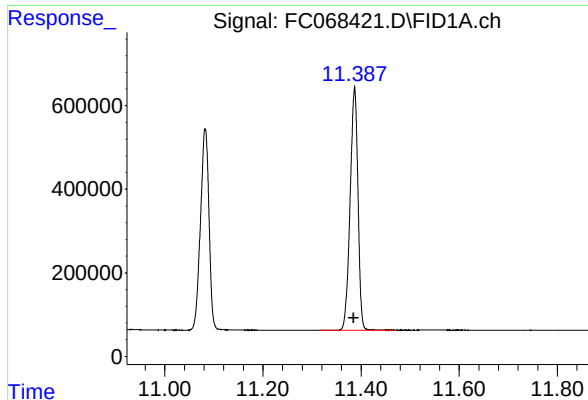
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 5818932
Conc: 33.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.082 min
Delta R.T.: 0.000 min
Response: 5788238
Conc: 32.98 ug/ml



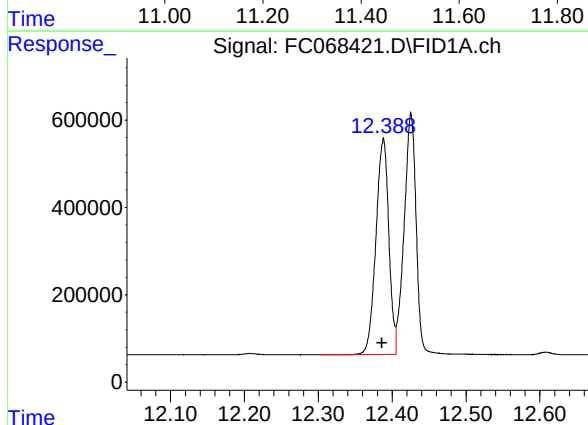
#9 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: 0.002 min
Response: 6437138
Conc: 32.41 ug/ml

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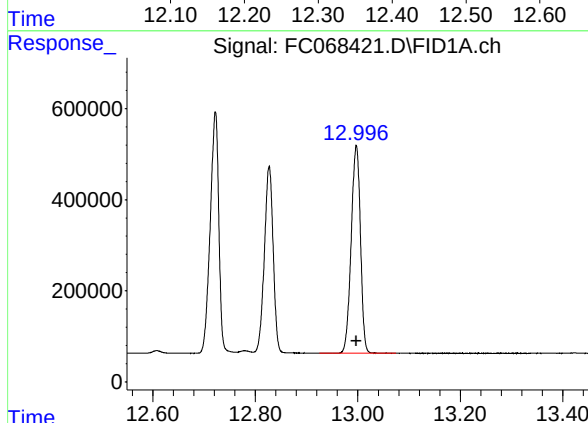
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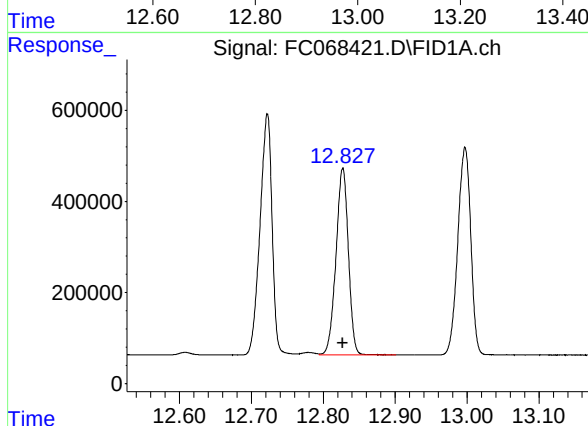
#10 n-Eicosane (C20)

R.T.: 12.388 min
Delta R.T.: 0.001 min
Response: 5985441
Conc: 34.95 ug/ml



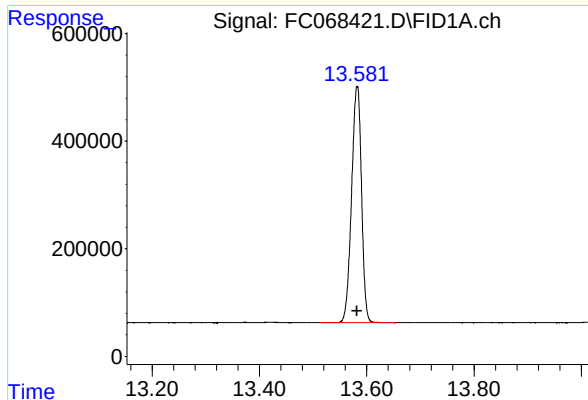
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 5711663
Conc: 34.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.827 min
Delta R.T.: 0.000 min
Response: 4904661
Conc: 32.90 ug/ml



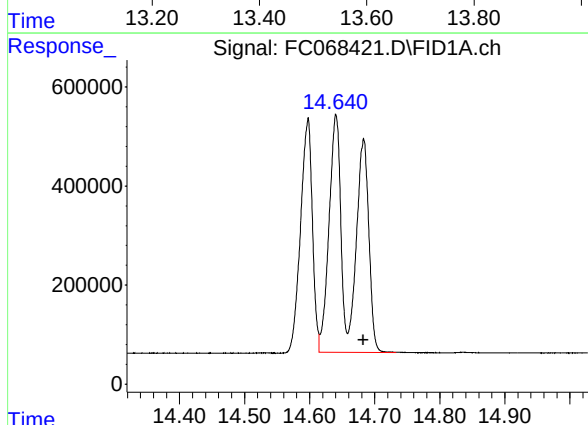
#13 n-Docosane (C22)

R.T.: 13.582 min
Delta R.T.: 0.000 min
Response: 5645341
Conc: 33.46 ug/ml

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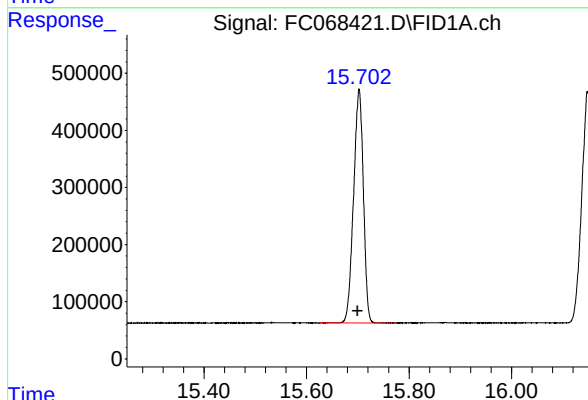
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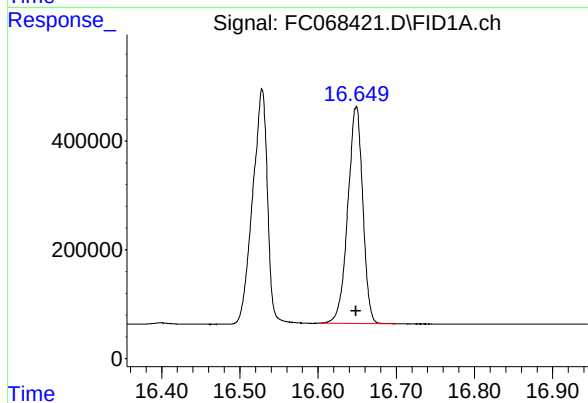
#14 n-Tetracosane (C24)

R.T.: 14.640 min
Delta R.T.: -0.043 min
Response: 11650027
Conc: 68.02 ug/ml m



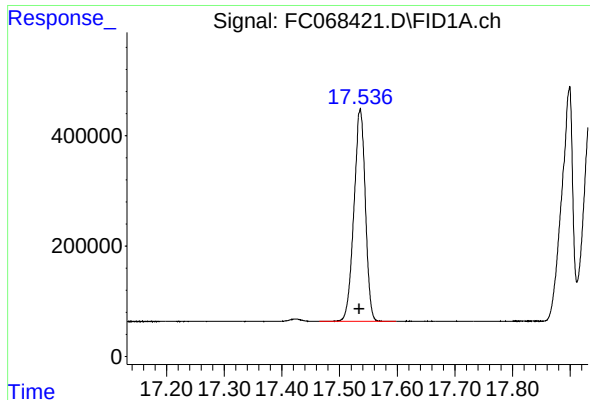
#15 n-Hexacosane (C26)

R.T.: 15.702 min
Delta R.T.: 0.002 min
Response: 5438950
Conc: 32.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.649 min
Delta R.T.: 0.000 min
Response: 5307146
Conc: 31.74 ug/ml



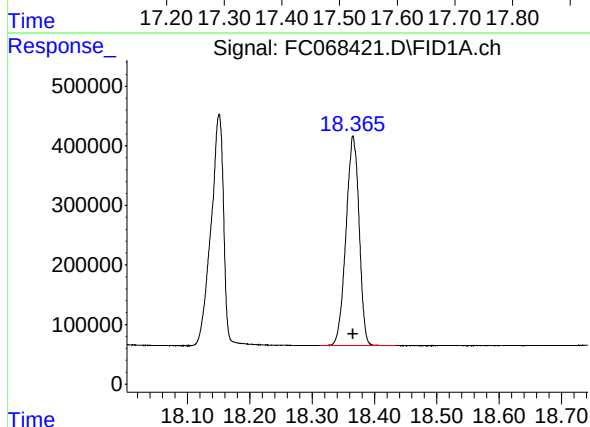
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: 0.002 min
Response: 5282634
Conc: 30.30 ug/ml

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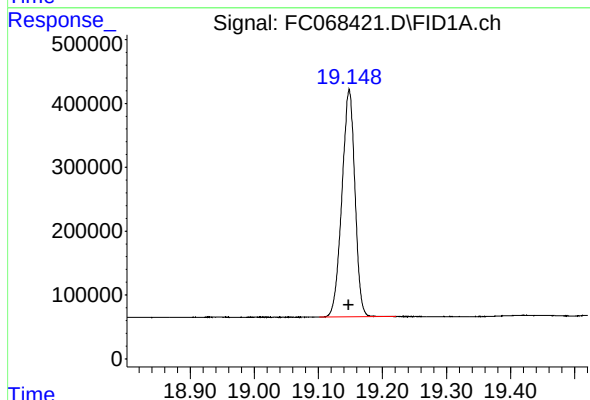
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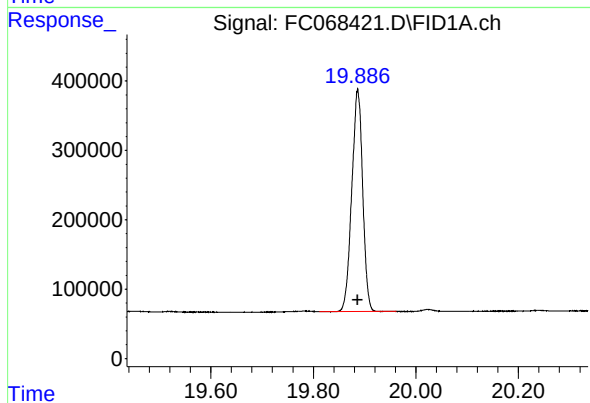
#18 n-Dotriacontane (C32)

R.T.: 18.366 min
Delta R.T.: 0.000 min
Response: 5143467
Conc: 30.72 ug/ml



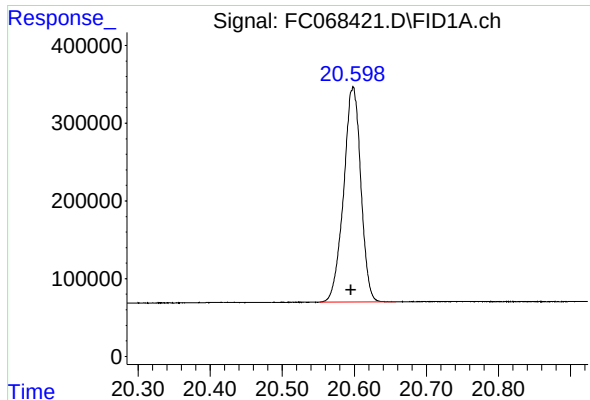
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min
Delta R.T.: 0.000 min
Response: 5004107
Conc: 33.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.887 min
Delta R.T.: 0.000 min
Response: 4731829
Conc: 38.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.598 min
Delta R.T.: 0.002 min
Response: 4587777
Conc: 42.72 ug/ml

Instrument :

FID_C

ClientSampleId :

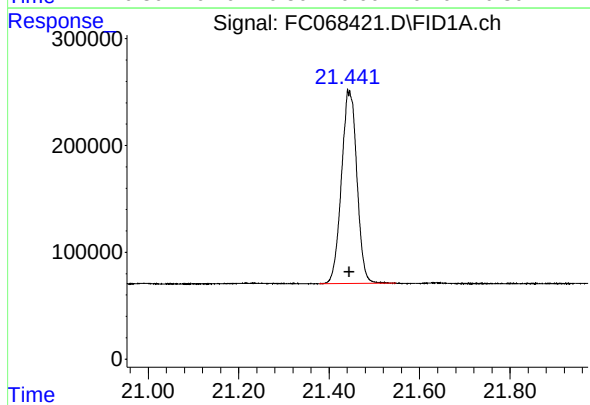
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#22 n-Tetracontane (C40)

R.T.: 21.444 min
Delta R.T.: 0.000 min
Response: 4277292
Conc: 43.64 ug/ml