

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068118.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 17:53
 Operator : YP/AJ
 Sample : Q1169-05MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SPILL-SITEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 25 04:34:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.428	4591178	29.380 ug/ml
Spiked Amount 50.000		Recovery =	58.76%
12) S 1-chlorooctadecane (S...	12.867	3581903	31.146 ug/ml
Spiked Amount 50.000		Recovery =	62.29%
Target Compounds			
1) T n-Nonane (C9)	3.236	4099839	29.940 ug/ml
2) T n-Decane (C10)	4.293	4617764	33.261 ug/ml
3) T A~Naphthalene (C11.7)	5.860	5523684	36.794 ug/ml
4) T n-Dodecane (C12)	6.300	5015552	35.903 ug/ml
5) T A~2-methylnaphthalene...	6.912	5282989	36.781 ug/ml
6) T n-Tetradecane (C14)	8.090	5340385	39.130 ug/ml
7) T n-Hexadecane (C16)	9.684	5425780	39.049 ug/ml
8) T n-Octadecane (C18)	11.122	5410763	38.672 ug/ml
10) T n-Eicosane (C20)	12.428	5533937	41.359 ug/ml
11) T n-Heneicosane (C21)	13.037	5241975	39.911 ug/ml
13) T n-Docosane (C22)	13.622	5199210	40.138 ug/ml
14) T n-Tetracosane (C24)	14.683	10596705	82.538 ug/mlm
15) T n-Hexacosane (C26)	15.742	4921591	39.111 ug/ml
16) T n-Octacosane (C28)	16.688	4829957	38.617 ug/ml
17) T n-Tricontane (C30)	17.575	4817792	37.274 ug/ml
18) T n-Dotriacontane (C32)	18.404	4655421	37.240 ug/ml
19) T n-Tetratriacontane (C34)	19.185	4512847	41.602 ug/ml
20) T n-Hexatriacontane (C36)	19.924	3981226	43.020 ug/ml
21) T n-Octatriacontane (C38)	20.638	3740260	43.650 ug/ml
22) T n-Tetracontane (C40)	21.498	3588260	44.376 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
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Sample : Q1169-05MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

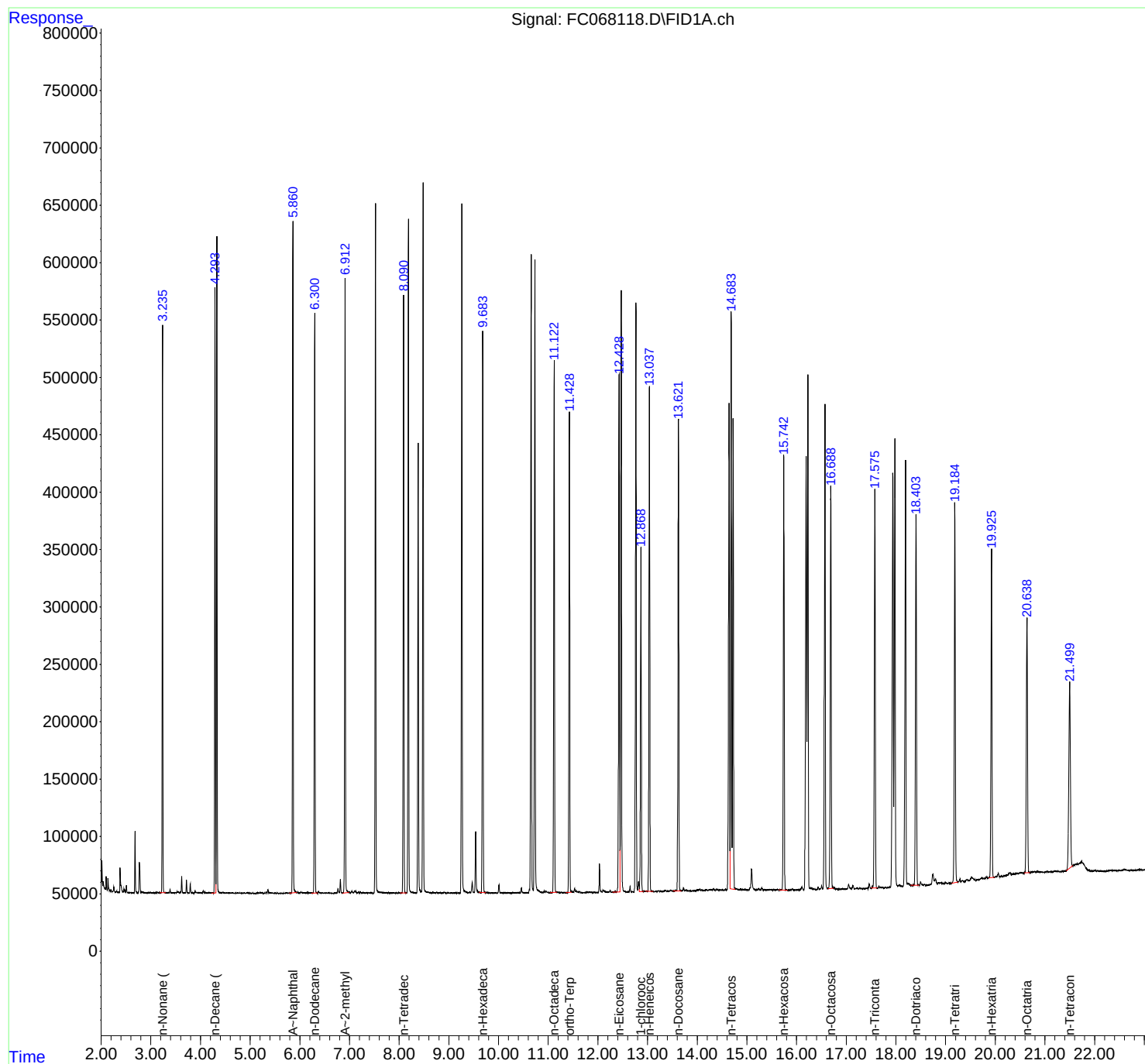
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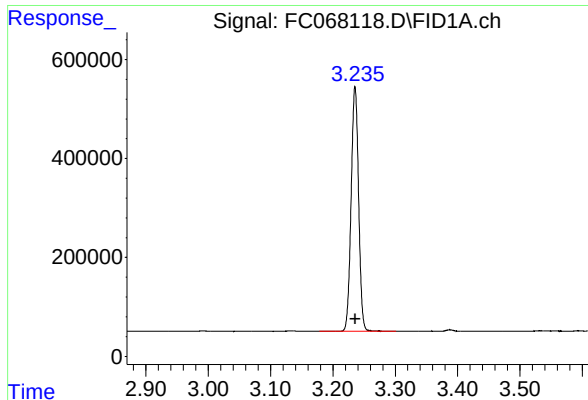
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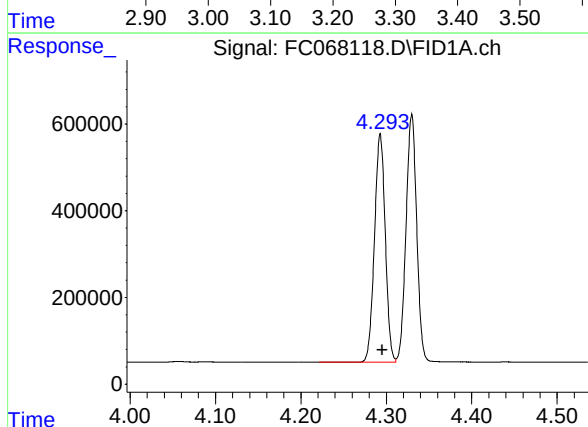
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: 0.000 min
Response: 4099839
Conc: 29.94 ug/ml

Instrument :
FID_C
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SPILL-SITEMS

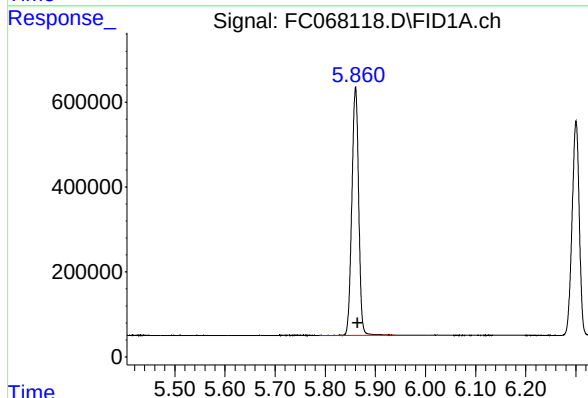
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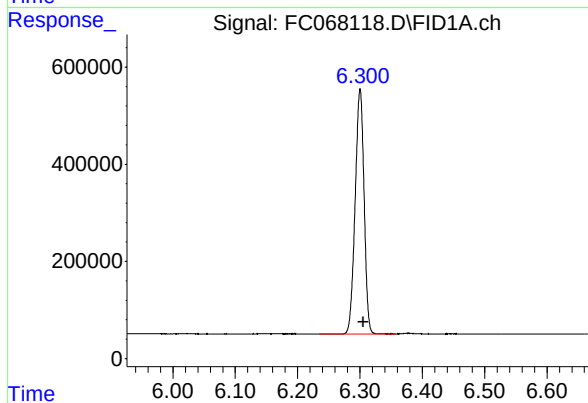
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 4617764
Conc: 33.26 ug/ml



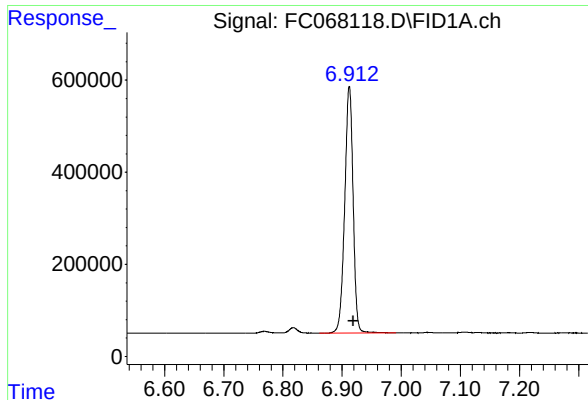
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.005 min
Response: 5523684
Conc: 36.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.300 min
Delta R.T.: -0.005 min
Response: 5015552
Conc: 35.90 ug/ml



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

R.T.: 6.912 min
Delta R.T.: -0.007 min
Response: 5282989
Conc: 36.78 ug/ml

Instrument :

FID_C

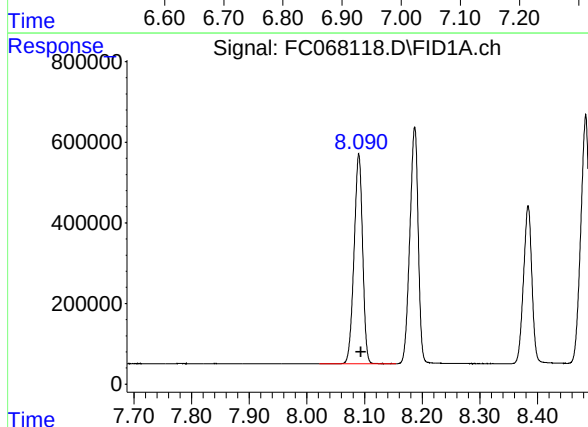
ClientSampleId :

SPILL-SITEMS

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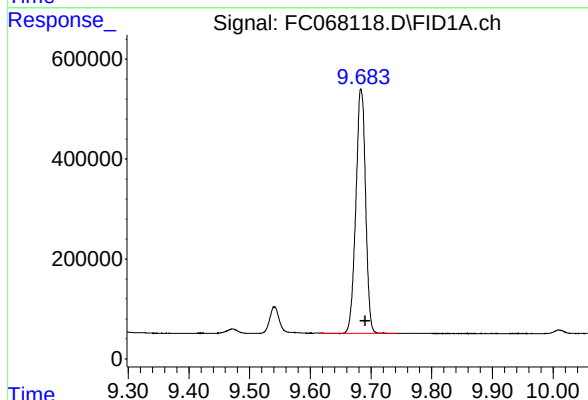
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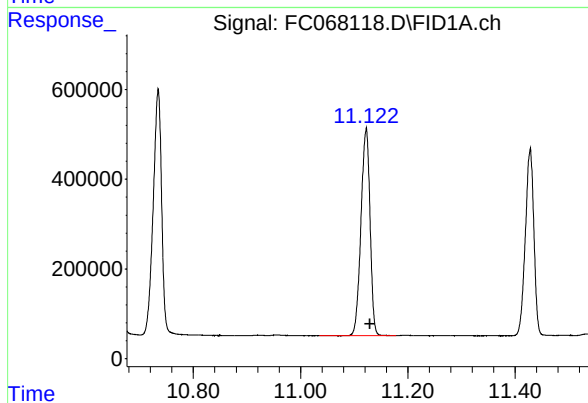
#6 n-Tetradecane (C14)

R.T.: 8.090 min
Delta R.T.: -0.004 min
Response: 5340385
Conc: 39.13 ug/ml



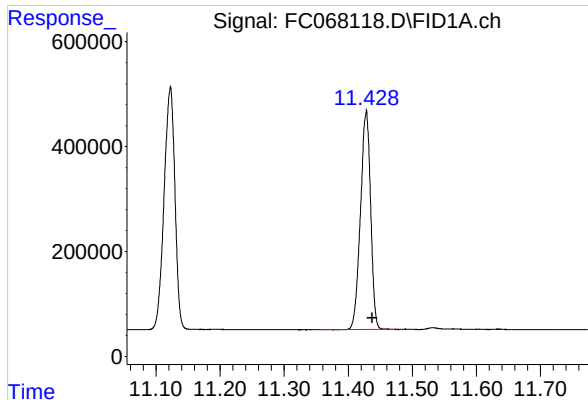
#7 n-Hexadecane (C16)

R.T.: 9.684 min
Delta R.T.: -0.007 min
Response: 5425780
Conc: 39.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.122 min
Delta R.T.: -0.008 min
Response: 5410763
Conc: 38.67 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.428 min
Delta R.T.: -0.010 min
Response: 4591178
Conc: 29.38 ug/ml

Instrument :

FID_C

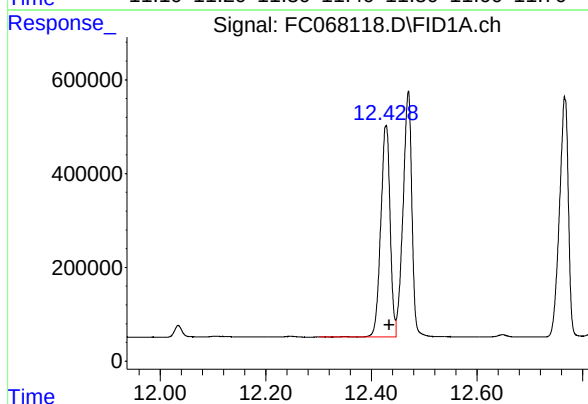
ClientSampleId :

SPILL-SITEMS

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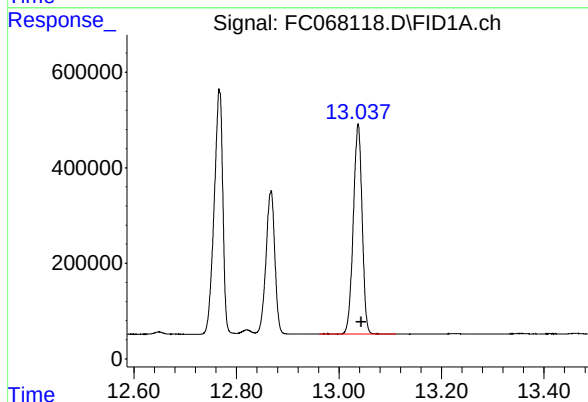
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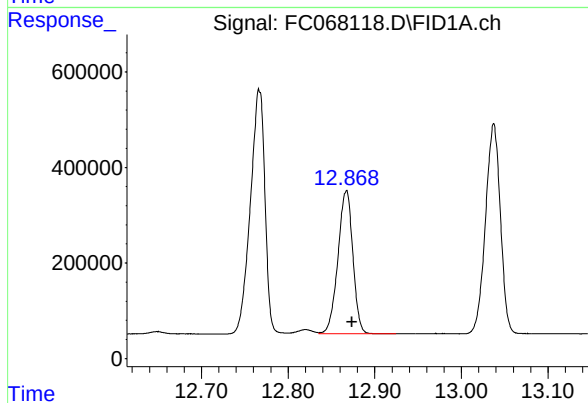
#10 n-Eicosane (C20)

R.T.: 12.428 min
Delta R.T.: -0.006 min
Response: 5533937
Conc: 41.36 ug/ml



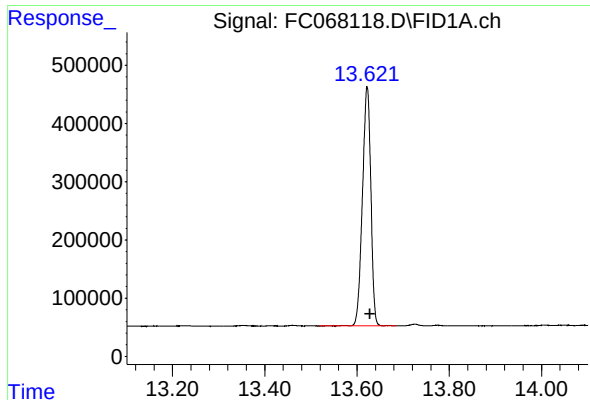
#11 n-Heneicosane (C21)

R.T.: 13.037 min
Delta R.T.: -0.006 min
Response: 5241975
Conc: 39.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.867 min
Delta R.T.: -0.007 min
Response: 3581903
Conc: 31.15 ug/ml



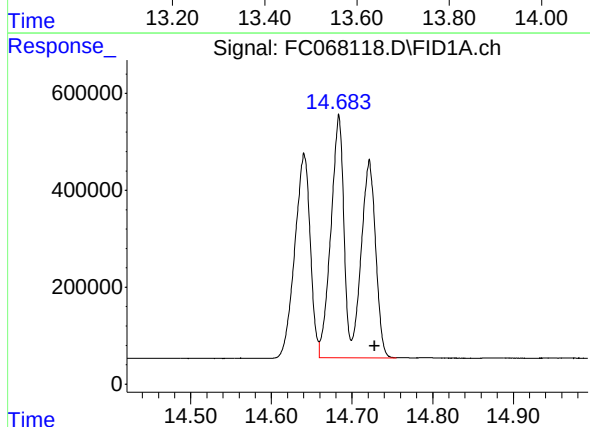
#13 n-Docosane (C22)

R.T.: 13.622 min
Delta R.T.: -0.006 min
Response: 5199210
Conc: 40.14 ug/ml

Instrument :
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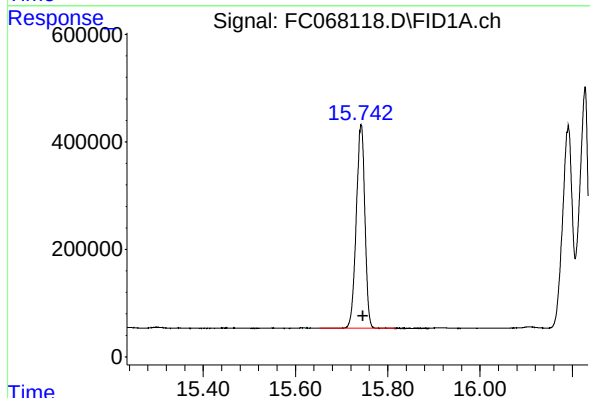
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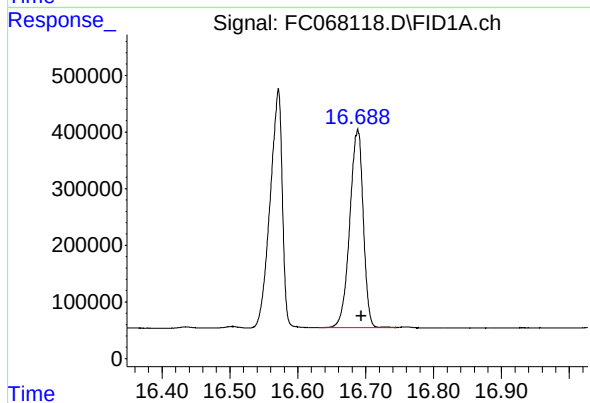
#14 n-Tetracosane (C24)

R.T.: 14.683 min
Delta R.T.: -0.045 min
Response: 10596705
Conc: 82.54 ug/ml m



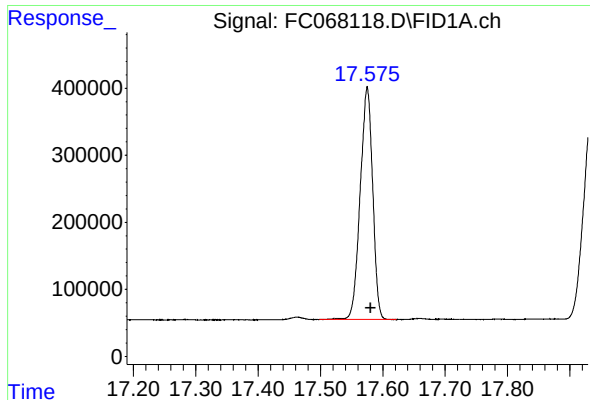
#15 n-Hexacosane (C26)

R.T.: 15.742 min
Delta R.T.: -0.004 min
Response: 4921591
Conc: 39.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.688 min
Delta R.T.: -0.006 min
Response: 4829957
Conc: 38.62 ug/ml



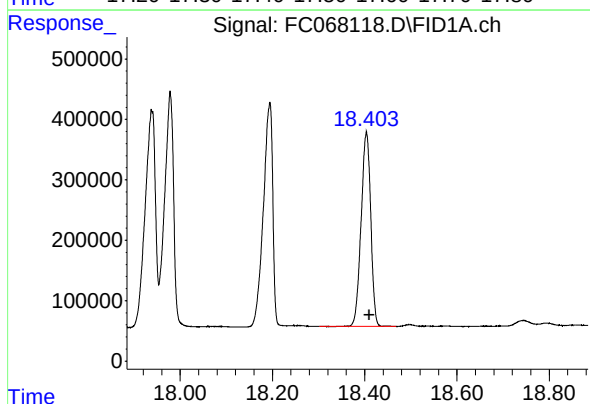
#17 n-Tricontane (C30)

R.T.: 17.575 min
Delta R.T.: -0.006 min
Response: 4817792
Conc: 37.27 ug/ml

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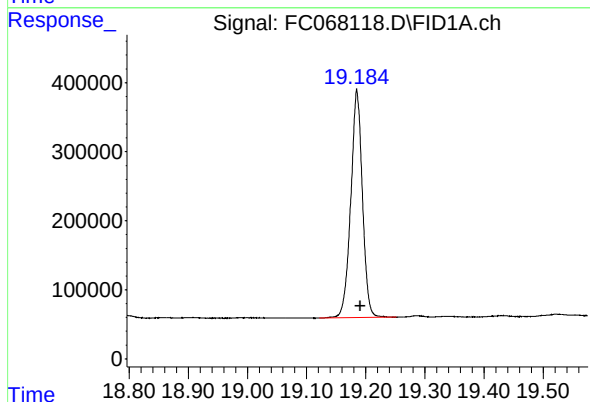
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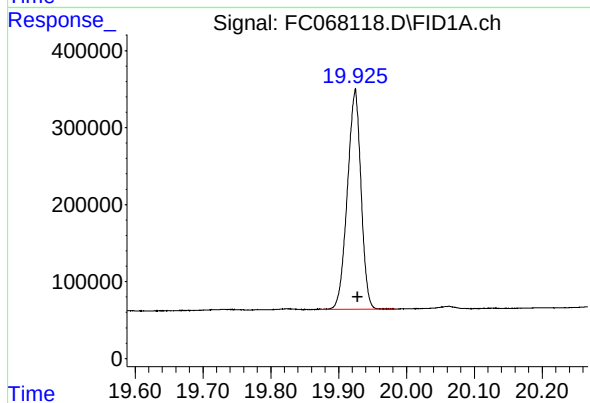
#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: -0.007 min
Response: 4655421
Conc: 37.24 ug/ml



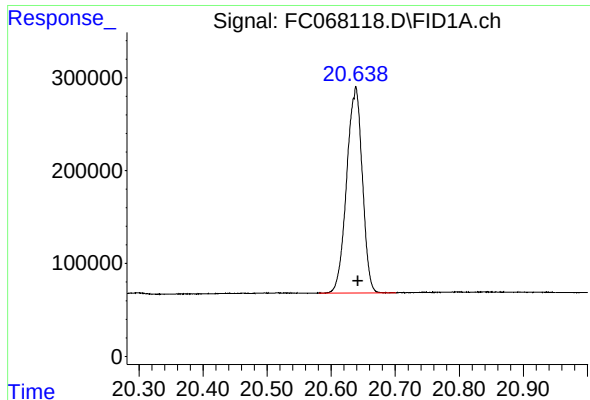
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: -0.006 min
Response: 4512847
Conc: 41.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.924 min
Delta R.T.: -0.004 min
Response: 3981226
Conc: 43.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.638 min
Delta R.T.: -0.004 min
Response: 3740260
Conc: 43.65 ug/ml

Instrument :

FID_C

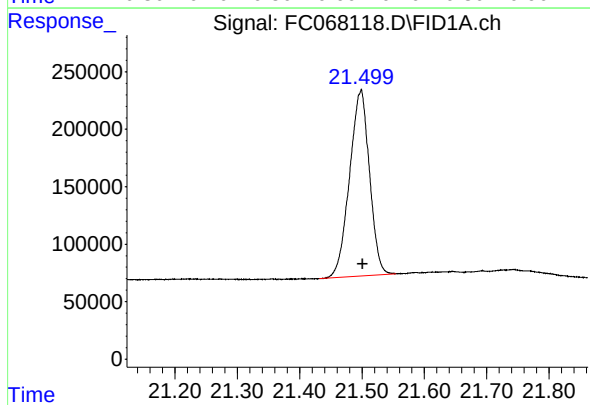
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#22 n-Tetracontane (C40)

R.T.: 21.498 min
Delta R.T.: -0.003 min
Response: 3588260
Conc: 44.38 ug/ml