

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121322AL\
 Data File : FC062420.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2022 20:24
 Operator : YP/AJ
 Sample : N6024-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-QMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2022
 Supervised By :Ankita Jodhani 12/14/2022

Integration File: autoint1.e
 Quant Time: Dec 14 04:30:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.576	5715460	40.517 ug/ml
Spiked Amount 50.000		Recovery =	81.03%
12) S 1-chlorooctadecane (S...	13.014	4485373	42.083 ug/ml
Spiked Amount 50.000		Recovery =	84.17%
Target Compounds			
1) T n-Nonane (C9)	3.323	2556577	19.878 ug/ml
2) T n-Decane (C10)	4.392	2711989	21.801 ug/ml
3) T A~Naphthalene (C11.7)	5.979	5955039	41.966 ug/ml
4) T n-Dodecane (C12)	6.414	2754876	21.994 ug/ml
5) T A~2-methylnaphthalene...	7.039	5655076	43.981 ug/ml
6) T n-Tetradecane (C14)	8.215	2604137	21.383 ug/ml
7) T n-Hexadecane (C16)	9.815	2641985	21.049 ug/ml
8) T n-Octadecane (C18)	11.258	2578755	20.186 ug/ml
10) T n-Eicosane (C20)	12.568	2367760	19.035 ug/ml
11) T n-Heneicosane (C21)	13.179	2280514	18.454 ug/ml
13) T n-Docosane (C22)	13.767	2155370	17.743 ug/ml
14) T n-Tetracosane (C24)	14.867	1181755	9.859 ug/mlm
15) T n-Hexacosane (C26)	15.891	1810436	15.585 ug/ml
16) T n-Octacosane (C28)	16.837	1749260	15.391 ug/ml
17) T n-Tricontane (C30)	17.725	1629495	14.575 ug/ml
18) T n-Dotriacontane (C32)	18.555	1823938	16.414 ug/ml
19) T n-Tetratriacontane (C34)	19.340	2980683	27.552 ug/ml
20) T n-Hexatriacontane (C36)	20.080	5307671	52.280 ug/ml
21) T n-Octatriacontane (C38)	20.820	7739236	75.646 ug/ml
22) T n-Tetracontane (C40)	21.743	9623106	94.952 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121322AL\
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Operator : YP/AJ
Sample : N6024-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

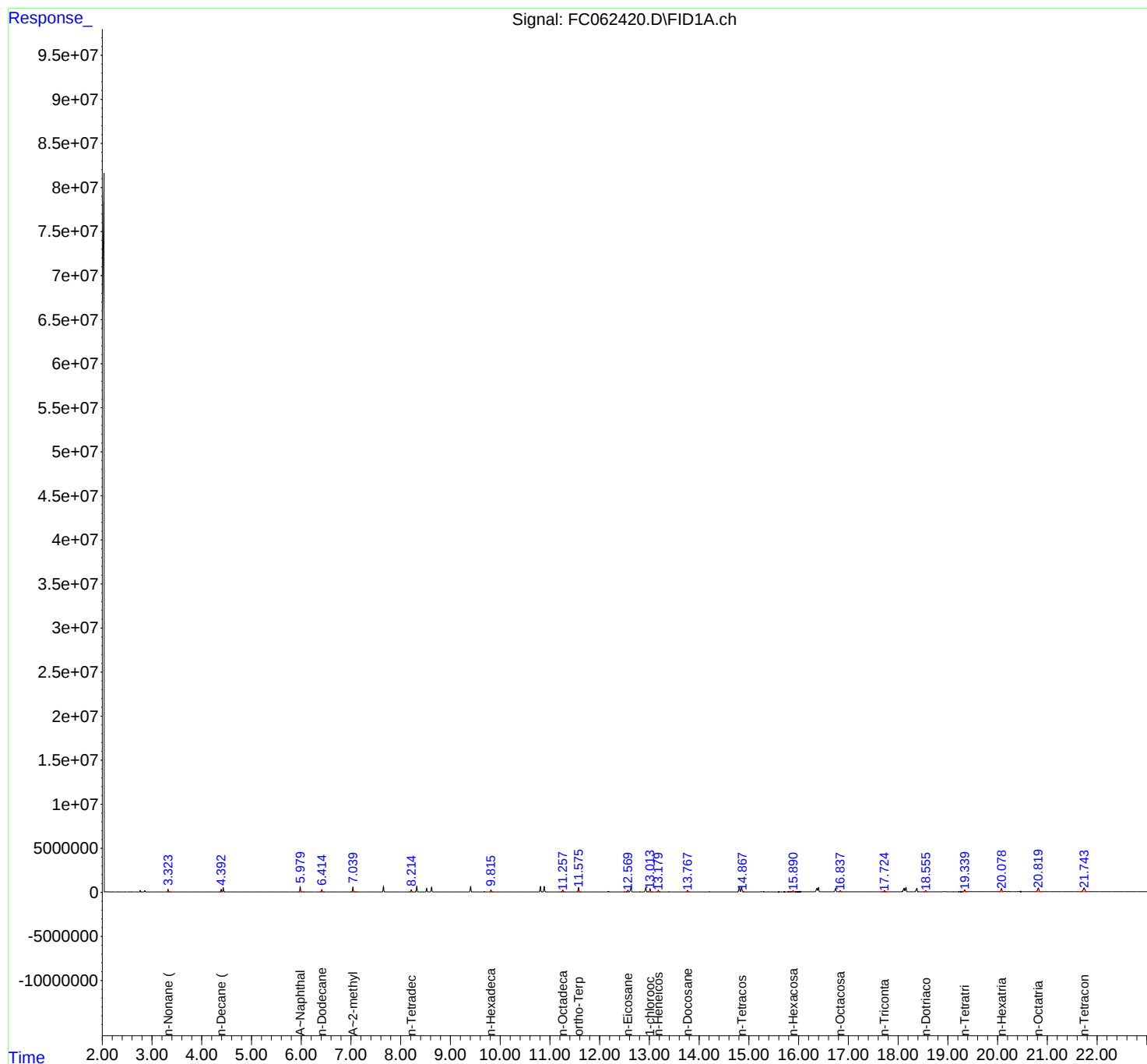
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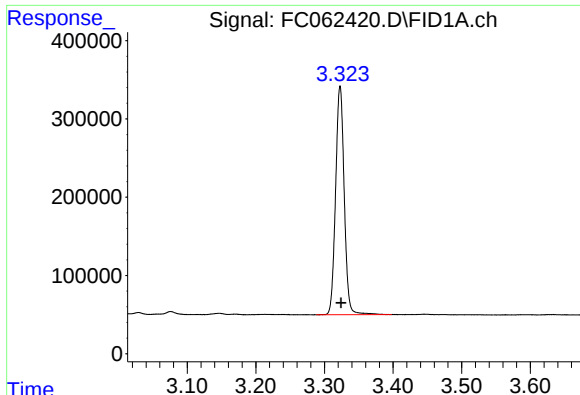
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#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.001 min
Response: 2556577
Conc: 19.88 ug/ml

Instrument :

FID_C

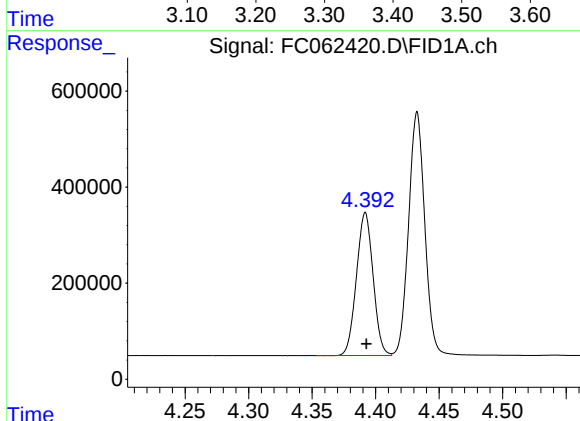
ClientSampleId :

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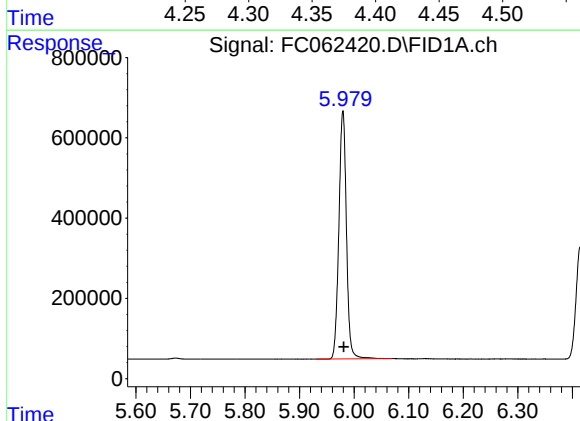
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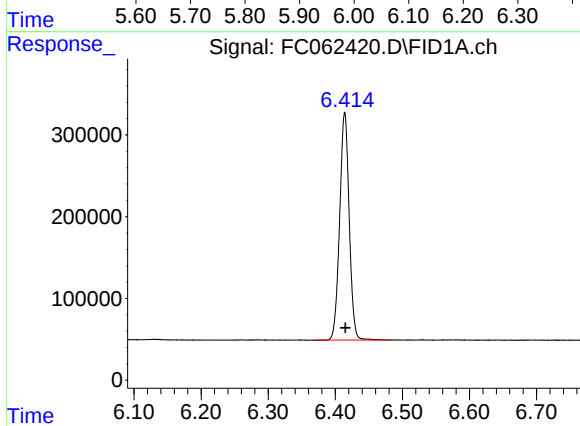
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 2711989
Conc: 21.80 ug/ml



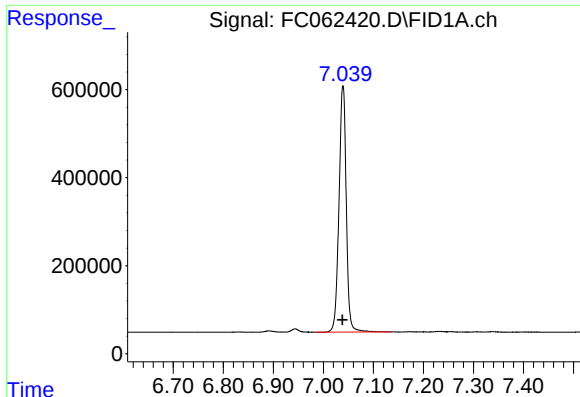
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.001 min
Response: 5955039
Conc: 41.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 2754876
Conc: 21.99 ug/ml



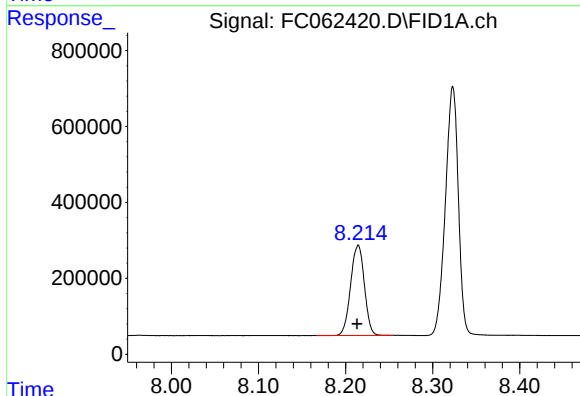
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.001 min
Response: 5655076
Conc: 43.98 ug/ml

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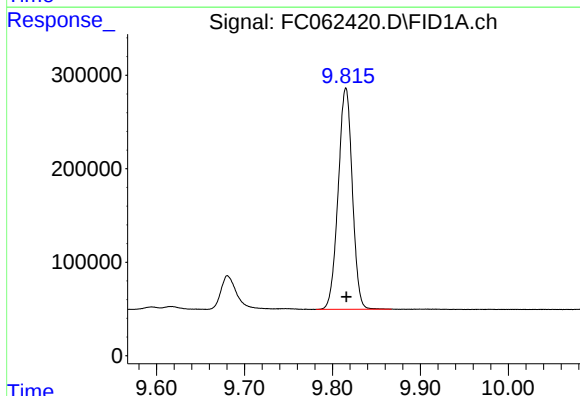
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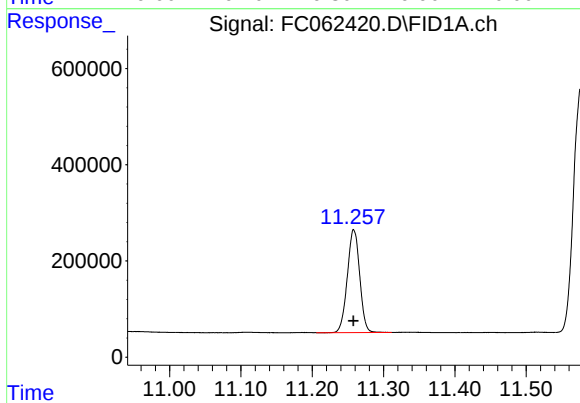
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: 0.001 min
Response: 2604137
Conc: 21.38 ug/ml



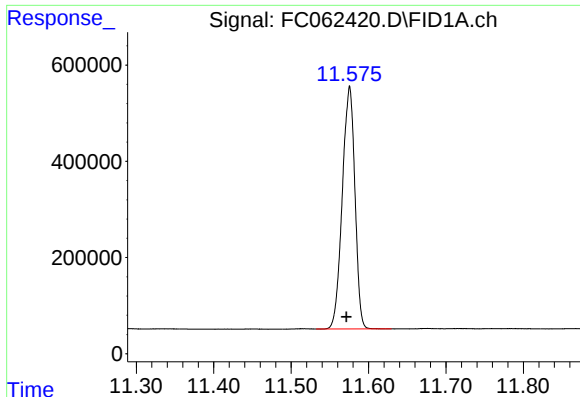
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: 0.000 min
Response: 2641985
Conc: 21.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2578755
Conc: 20.19 ug/ml



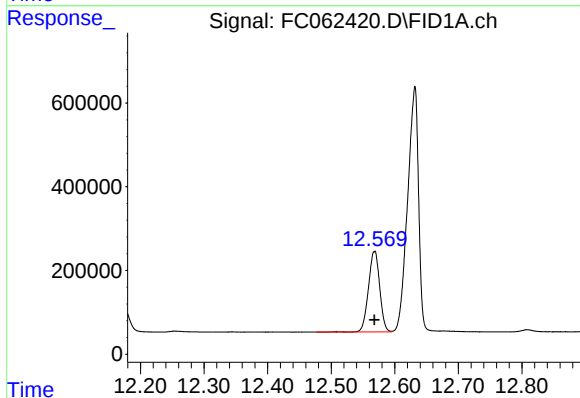
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: 0.004 min
Response: 5715460
Conc: 40.52 ug/ml

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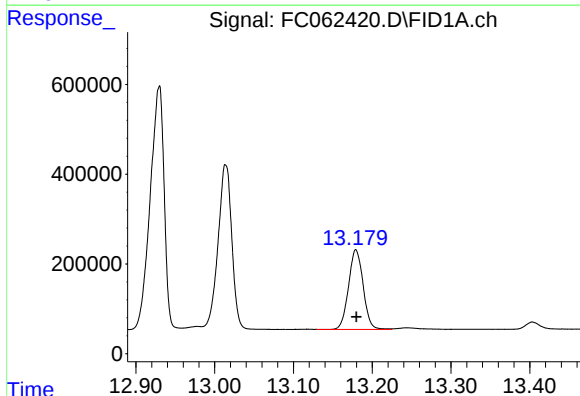
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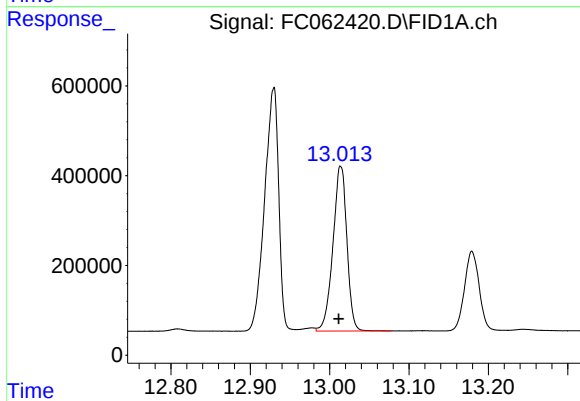
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 2367760
Conc: 19.03 ug/ml



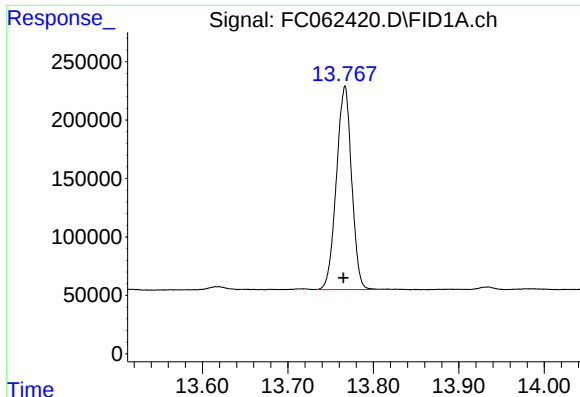
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: 0.000 min
Response: 2280514
Conc: 18.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.014 min
Delta R.T.: 0.003 min
Response: 4485373
Conc: 42.08 ug/ml



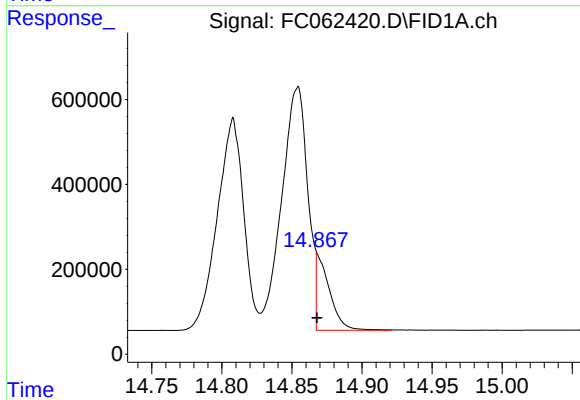
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: 0.002 min
Response: 2155370
Conc: 17.74 ug/ml

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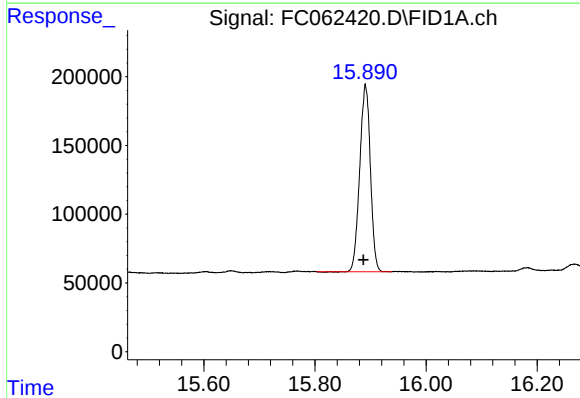
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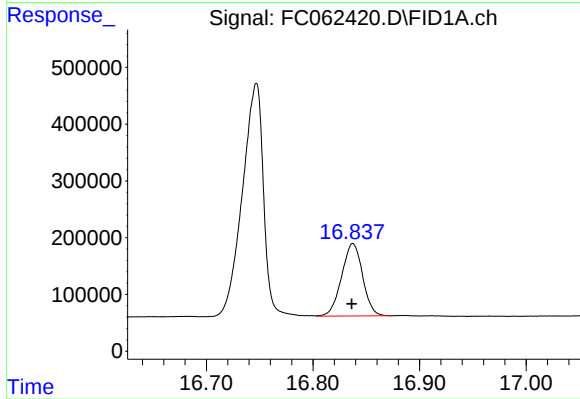
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.000 min
Response: 1181755
Conc: 9.86 ug/ml m



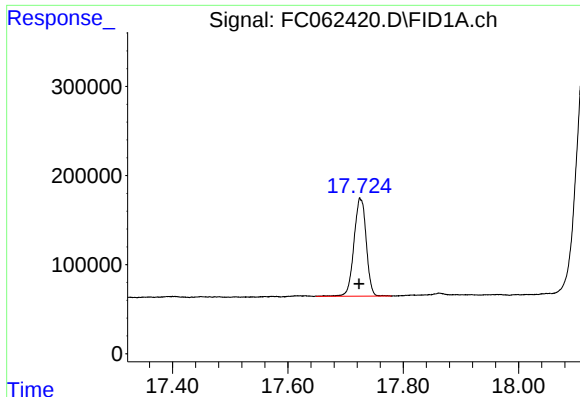
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: 0.004 min
Response: 1810436
Conc: 15.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.000 min
Response: 1749260
Conc: 15.39 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: 0.002 min
Response: 1629495
Conc: 14.58 ug/ml

Instrument :

FID_C

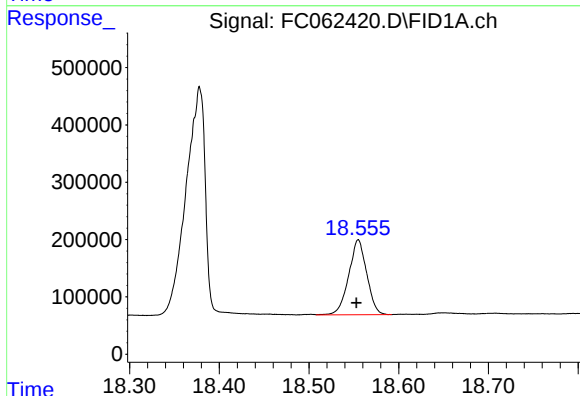
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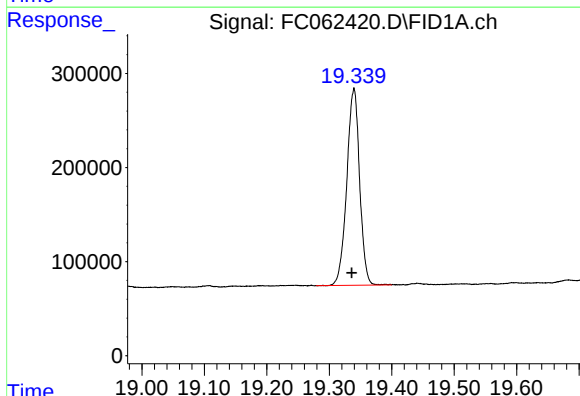
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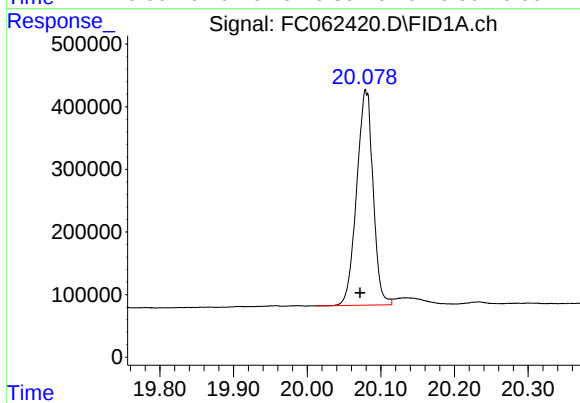
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.002 min
Response: 1823938
Conc: 16.41 ug/ml



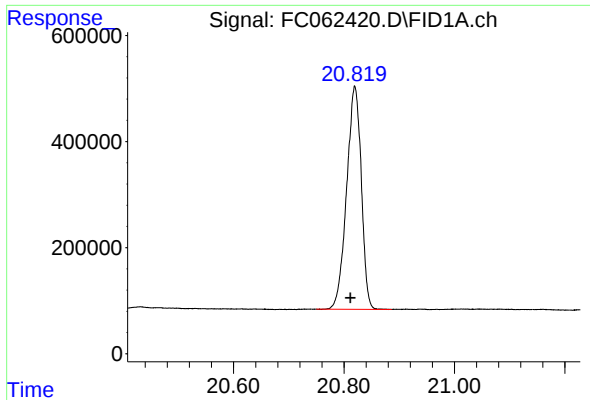
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: 0.003 min
Response: 2980683
Conc: 27.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: 0.008 min
Response: 5307671
Conc: 52.28 ug/ml



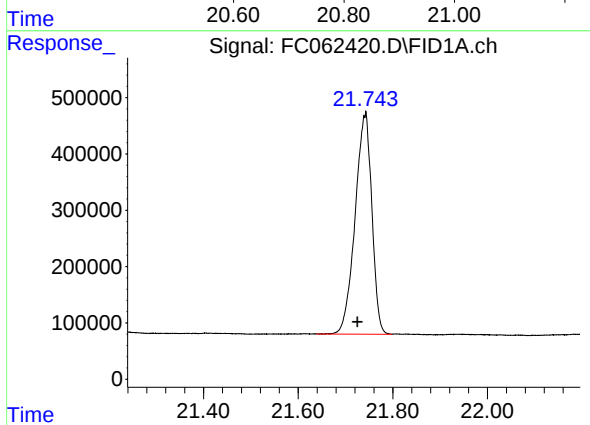
#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: 0.008 min
Response: 7739236
Conc: 75.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: 0.018 min
Response: 9623106
Conc: 94.95 ug/ml