

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112122AL\
 Data File : FC062222.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2022 16:22
 Operator : YP/AJ
 Sample : N5718-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 VNJ-228MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 04:16:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 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)	11.609	4218194	30.903 ug/ml
Spiked Amount 50.000		Recovery =	61.81%
12) S 1-chlorooctadecane (S...	13.046	3095522	30.453 ug/ml
Spiked Amount 50.000		Recovery =	60.91%
Target Compounds			
1) T n-Nonane (C9)	3.361	4194580	30.137 ug/ml
2) T n-Decane (C10)	4.430	4605697	34.041 ug/ml
3) T A~Naphthalene (C11.7)	6.018	4926454	33.627 ug/ml
4) T n-Dodecane (C12)	6.451	4823921	36.109 ug/ml
5) T A~2-methylnaphthalene...	7.077	4788271	35.707 ug/ml
6) T n-Tetradecane (C14)	8.248	4762116	36.480 ug/ml
7) T n-Hexadecane (C16)	9.850	5072321	39.123 ug/ml
8) T n-Octadecane (C18)	11.293	5244643	41.074 ug/ml
10) T n-Eicosane (C20)	12.602	4942207	40.658 ug/ml
11) T n-Heneicosane (C21)	13.215	4830410	40.079 ug/ml
13) T n-Docosane (C22)	13.801	4781245	40.559 ug/ml
14) T n-Tetracosane (C24)	14.892	9244747	80.342 ug/ml
15) T n-Hexacosane (C26)	15.927	4532153	40.675 ug/ml
16) T n-Octacosane (C28)	16.874	4521979	41.243 ug/ml
17) T n-Tricontane (C30)	17.764	4461918	40.744 ug/ml
18) T n-Dotriacontane (C32)	18.595	4530062	41.016 ug/ml
19) T n-Tetratriacontane (C34)	19.377	4482462	40.997 ug/ml
20) T n-Hexatriacontane (C36)	20.116	4103898	39.158 ug/mlm
21) T n-Octatriacontane (C38)	20.863	4258953	41.150 ug/ml
22) T n-Tetracontane (C40)	21.796	4202106	40.935 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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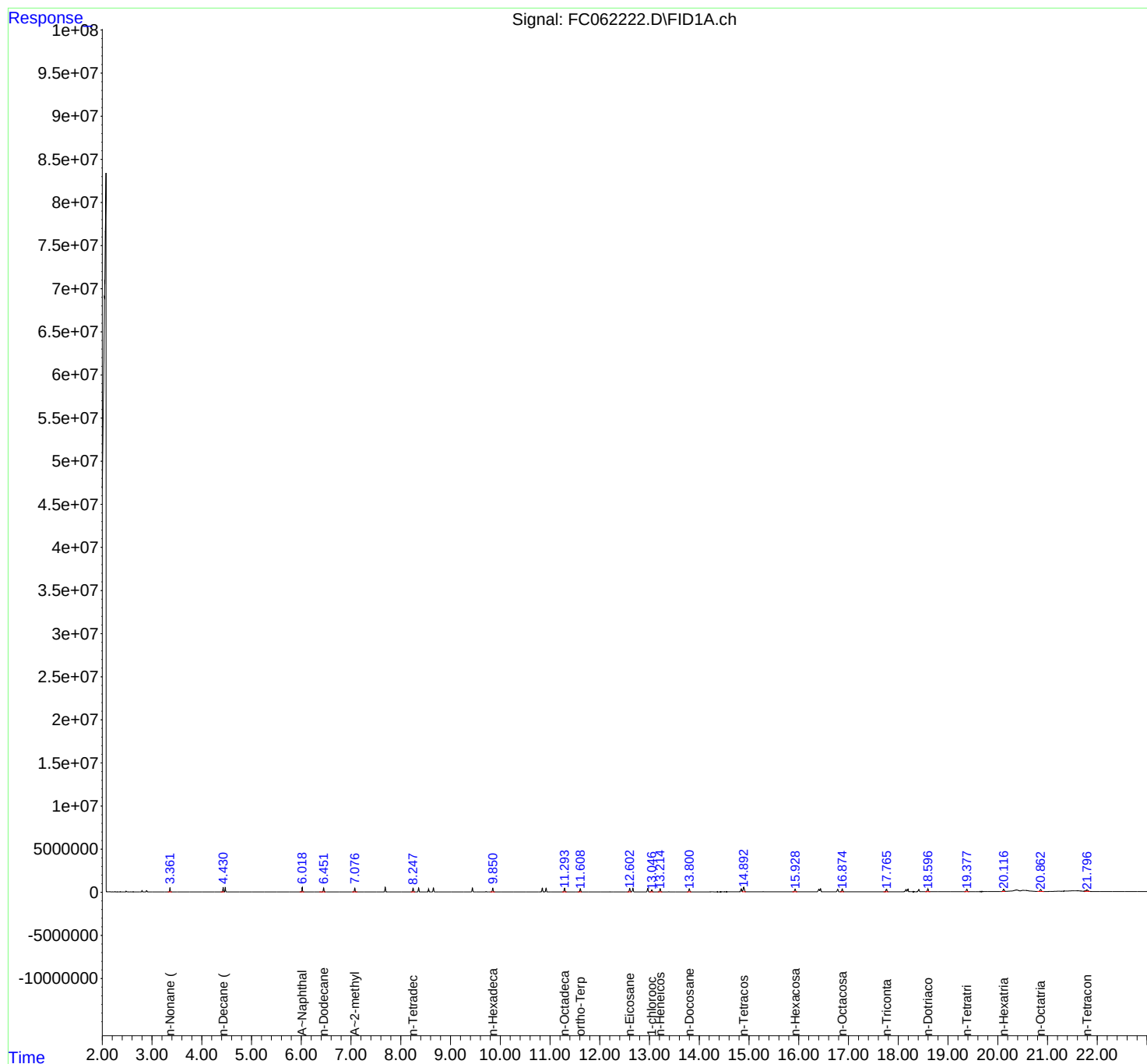
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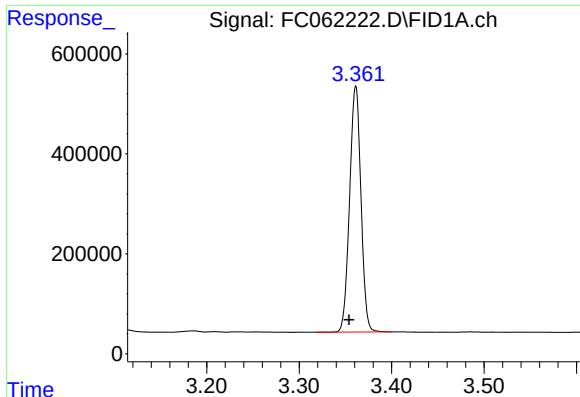
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#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.007 min
Response: 4194580
Conc: 30.14 ug/ml

Instrument :

FID_C

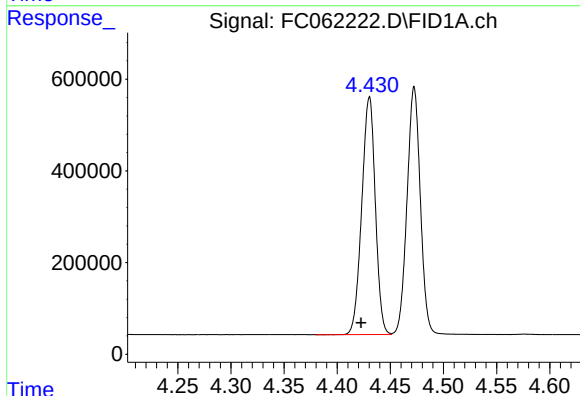
ClientSampleId :

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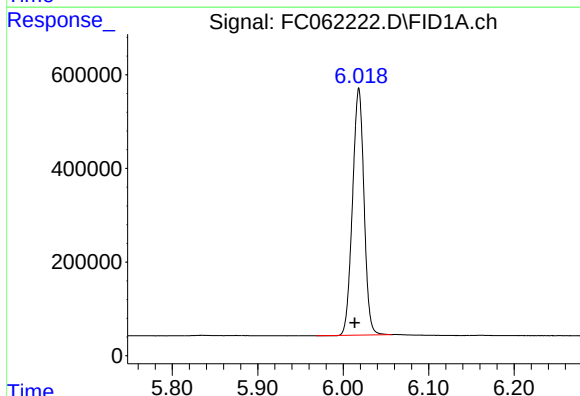
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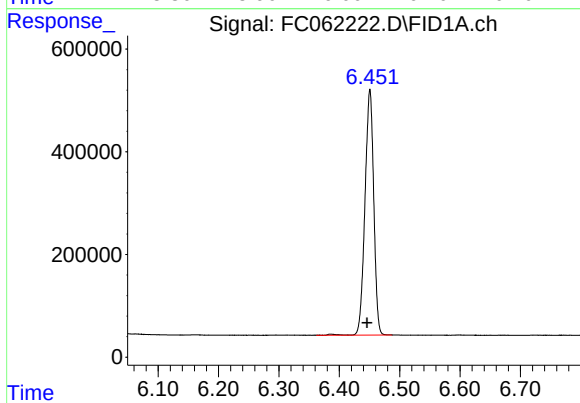
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: 0.008 min
Response: 4605697
Conc: 34.04 ug/ml



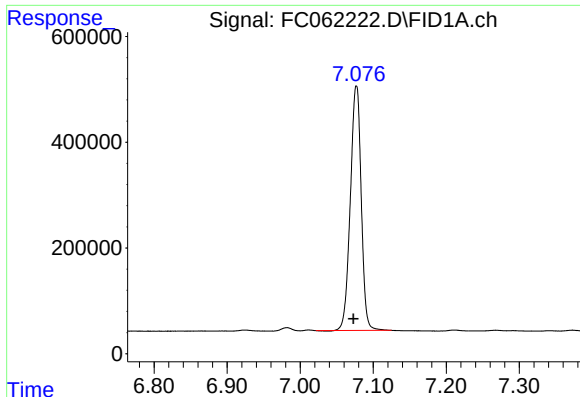
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.005 min
Response: 4926454
Conc: 33.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: 0.005 min
Response: 4823921
Conc: 36.11 ug/ml



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

R.T.: 7.077 min
Delta R.T.: 0.004 min
Response: 4788271
Conc: 35.71 ug/ml

Instrument :

FID_C

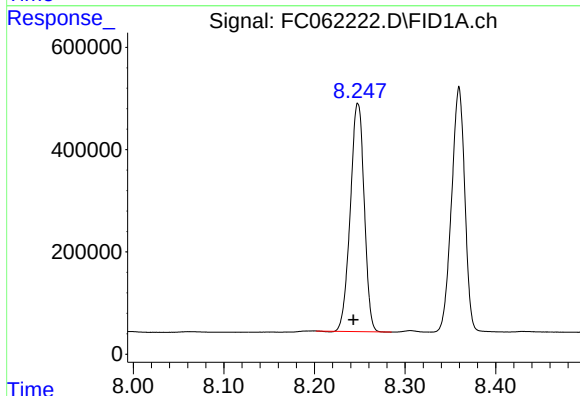
ClientSampleId :

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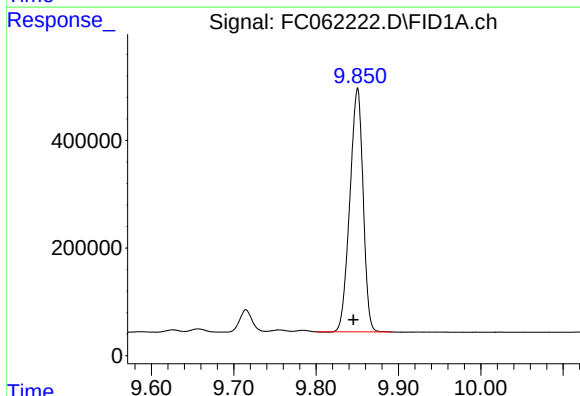
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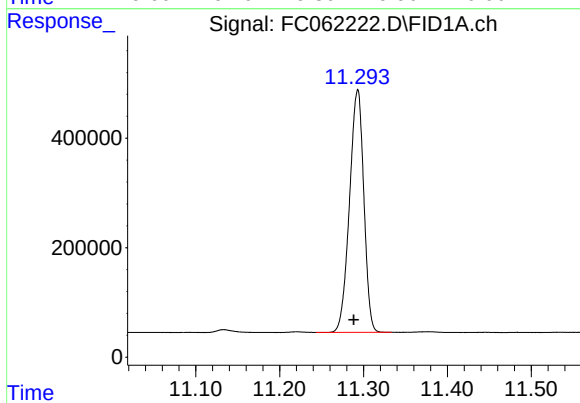
#6 n-Tetradecane (C14)

R.T.: 8.248 min
Delta R.T.: 0.005 min
Response: 4762116
Conc: 36.48 ug/ml



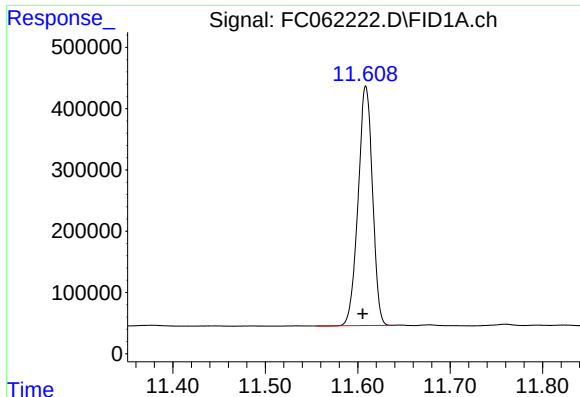
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: 0.005 min
Response: 5072321
Conc: 39.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.293 min
Delta R.T.: 0.005 min
Response: 5244643
Conc: 41.07 ug/ml



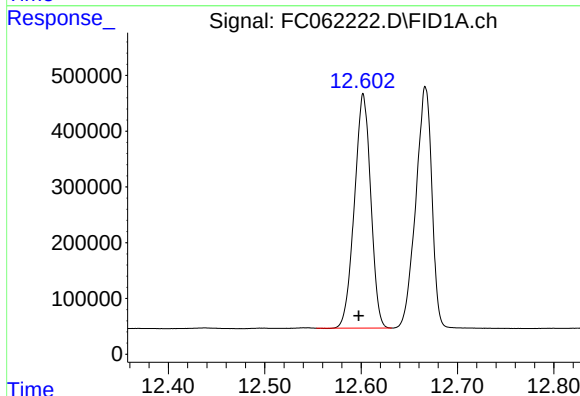
#9 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.003 min
Response: 4218194
Conc: 30.90 ug/ml

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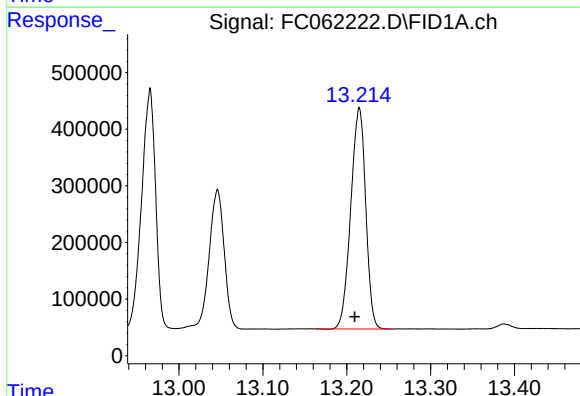
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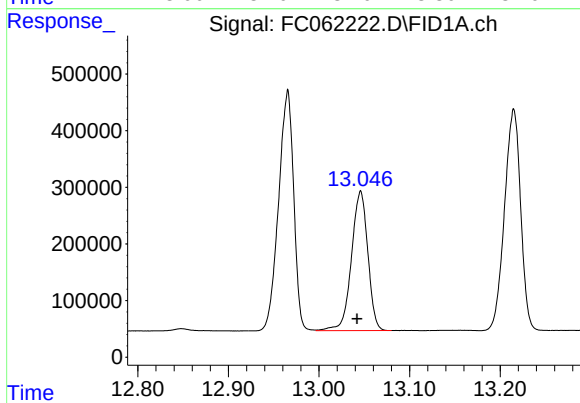
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: 0.005 min
Response: 4942207
Conc: 40.66 ug/ml



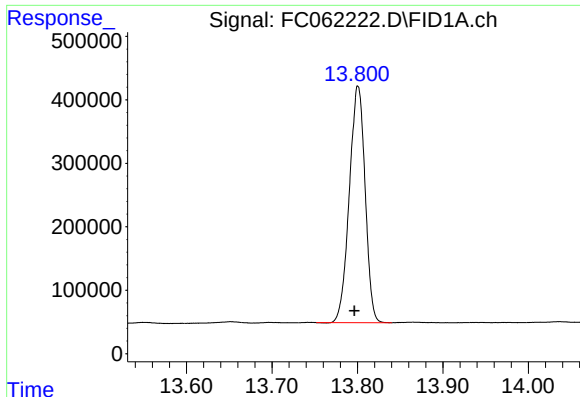
#11 n-Heneicosane (C21)

R.T.: 13.215 min
Delta R.T.: 0.005 min
Response: 4830410
Conc: 40.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.046 min
Delta R.T.: 0.004 min
Response: 3095522
Conc: 30.45 ug/ml



#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: 0.004 min
Response: 4781245
Conc: 40.56 ug/ml

Instrument :

FID_C

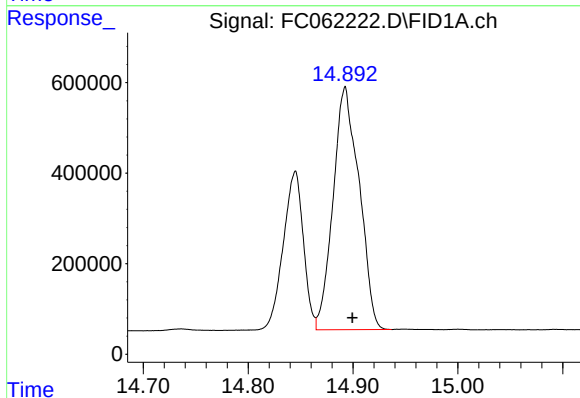
ClientSampleId :

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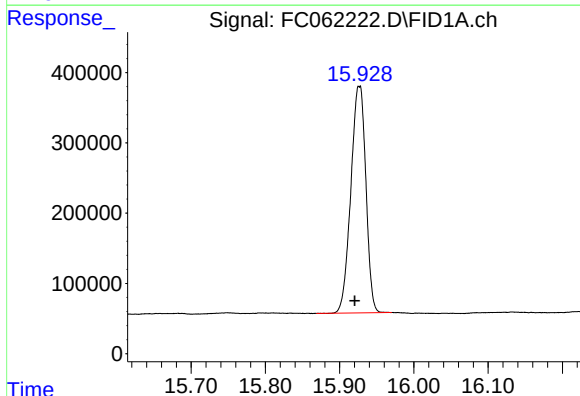
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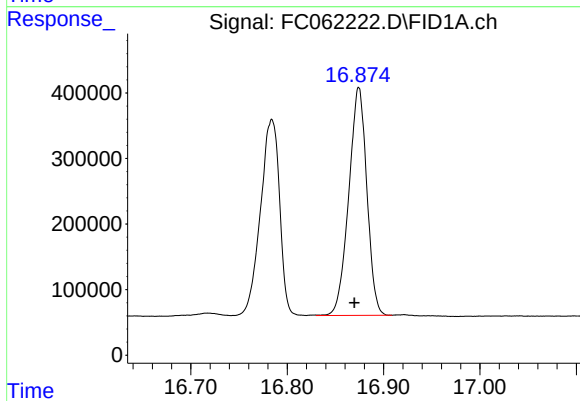
#14 n-Tetracosane (C24)

R.T.: 14.892 min
Delta R.T.: -0.007 min
Response: 9244747
Conc: 80.34 ug/ml



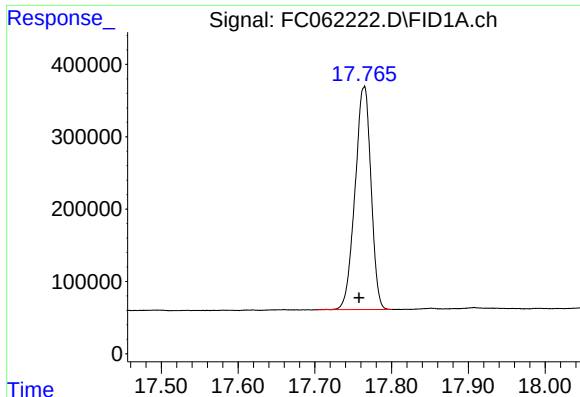
#15 n-Hexacosane (C26)

R.T.: 15.927 min
Delta R.T.: 0.006 min
Response: 4532153
Conc: 40.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.874 min
Delta R.T.: 0.004 min
Response: 4521979
Conc: 41.24 ug/ml



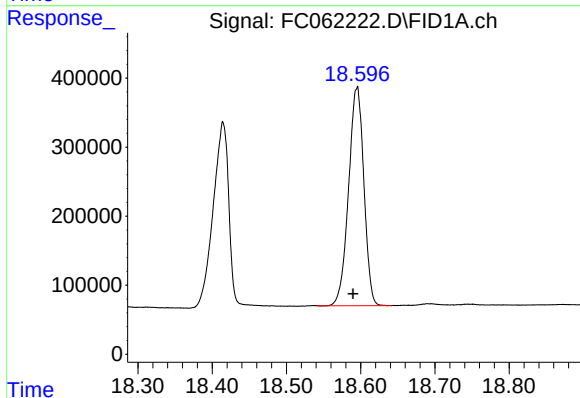
#17 n-Tricontane (C30)

R.T.: 17.764 min
Delta R.T.: 0.007 min
Response: 4461918
Conc: 40.74 ug/ml

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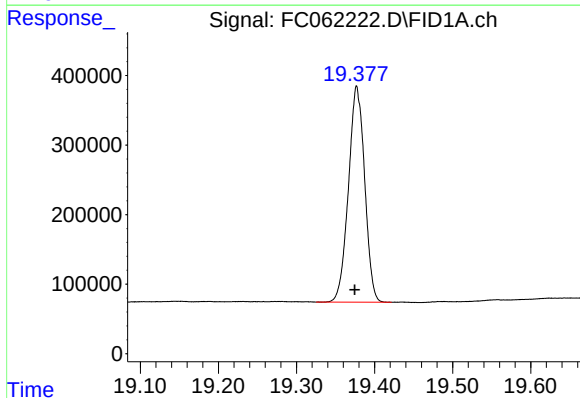
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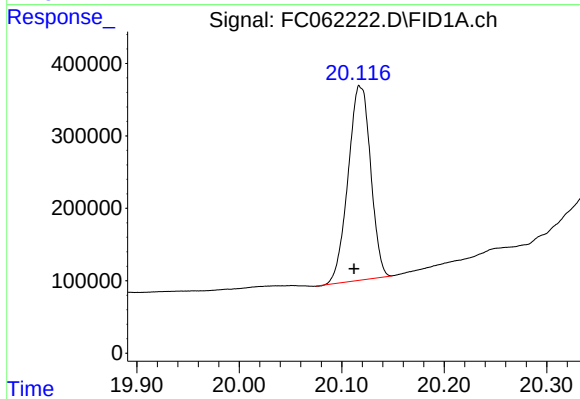
#18 n-Dotriacontane (C32)

R.T.: 18.595 min
Delta R.T.: 0.005 min
Response: 4530062
Conc: 41.02 ug/ml



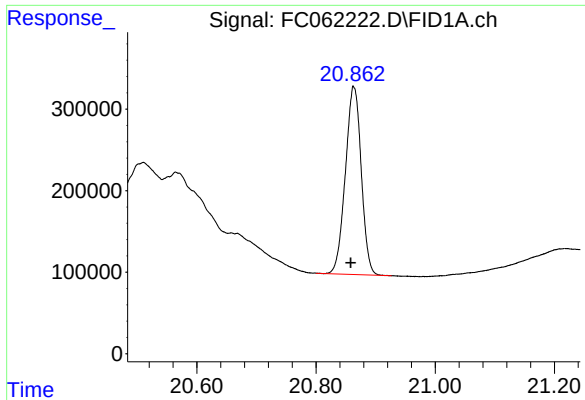
#19 n-Tetratriacontane (C34)

R.T.: 19.377 min
Delta R.T.: 0.003 min
Response: 4482462
Conc: 41.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.116 min
Delta R.T.: 0.004 min
Response: 4103898
Conc: 39.16 ug/ml m



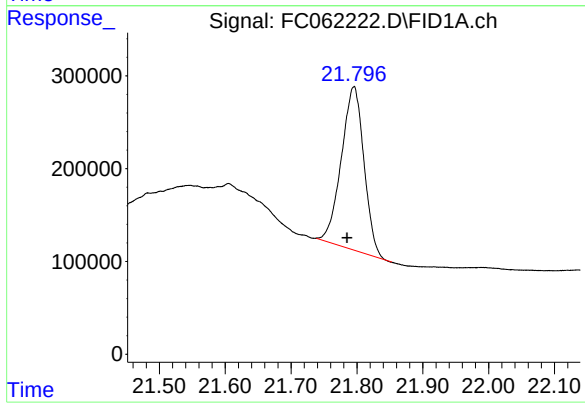
#21 n-Octatriacontane (C38)

R.T.: 20.863 min
Delta R.T.: 0.005 min
Response: 4258953
Conc: 41.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.796 min
Delta R.T.: 0.011 min
Response: 4202106
Conc: 40.94 ug/ml m