

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101222AL\
 Data File : FC061772.D
 Signal(s) : FID1A.ch
 Acq On : 13 Oct 2022 05:33
 Operator : YP/AJ
 Sample : PB148289BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB148289BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/13/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: autoint1.e
 Quant Time: Oct 13 07:39:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.590	7166513	41.935 ug/ml
Spiked Amount 50.000		Recovery =	83.87%
12) S 1-chlorooctadecane (S...	13.027	5998440	43.909 ug/ml
Spiked Amount 50.000		Recovery =	87.82%
Target Compounds			
1) T n-Nonane (C9)	3.351	4368655	29.267 ug/ml
2) T n-Decane (C10)	4.416	4633598	30.718 ug/ml
3) T A~Naphthalene (C11.7)	5.998	5543992	33.431 ug/ml
4) T n-Dodecane (C12)	6.428	5356671	35.227 ug/ml
5) T A~2-methylnaphthalene...	7.054	5848858	35.556 ug/ml
6) T n-Tetradecane (C14)	8.228	6219356	40.794 ug/ml
7) T n-Hexadecane (C16)	9.829	6694353	43.293 ug/ml
8) T n-Octadecane (C18)	11.273	6890278	43.708 ug/ml
10) T n-Eicosane (C20)	12.582	6669869	41.855 ug/ml
11) T n-Heneicosane (C21)	13.194	6586944	41.056 ug/ml
13) T n-Docosane (C22)	13.781	6481742	40.344 ug/ml
14) T n-Tetracosane (C24)	14.871	11649679	72.723 ug/ml
15) T n-Hexacosane (C26)	15.907	5966077	37.634 ug/ml
16) T n-Octacosane (C28)	16.855	5756763	37.141 ug/ml
17) T n-Tricontane (C30)	17.744	5443981	35.376 ug/ml
18) T n-Dotriacontane (C32)	18.574	5267798	34.839 ug/ml
19) T n-Tetratriacontane (C34)	19.358	5191962	36.617 ug/ml
20) T n-Hexatriacontane (C36)	20.098	4943165	35.805 ug/ml
21) T n-Octatriacontane (C38)	20.837	4930733	38.073 ug/ml
22) T n-Tetracontane (C40)	21.751	4897682	40.077 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB148289BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

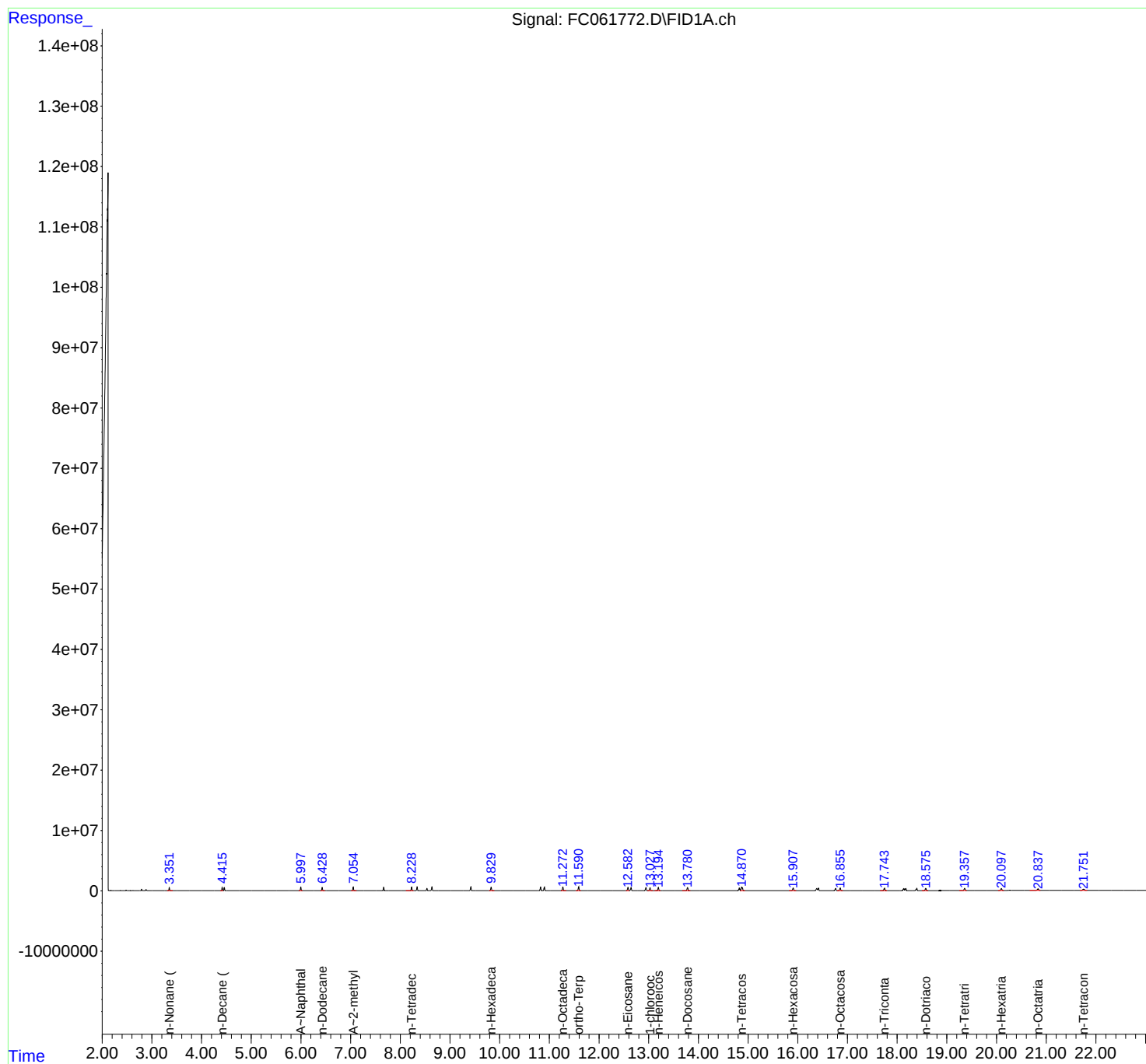
Instrument :
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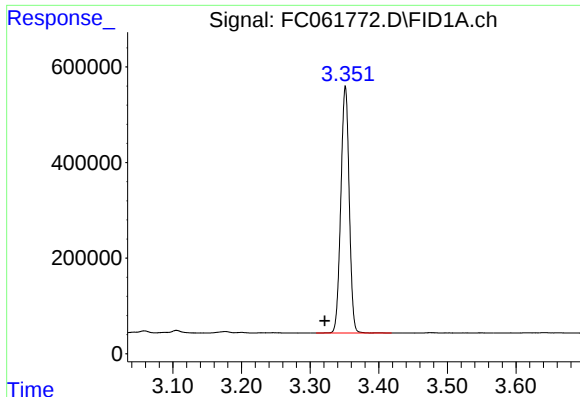
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#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: 0.030 min
Response: 4368655
Conc: 29.27 ug/ml

Instrument :

FID_C

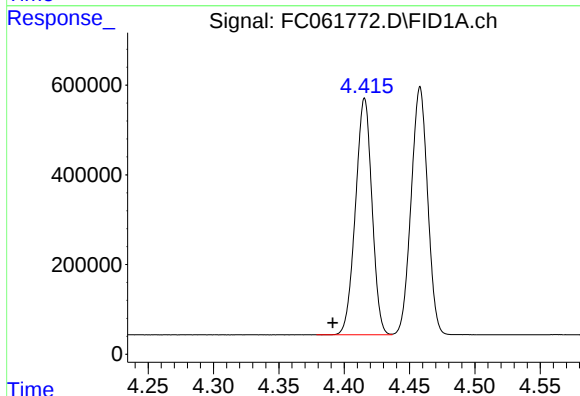
ClientSampleId :

PB148289BS

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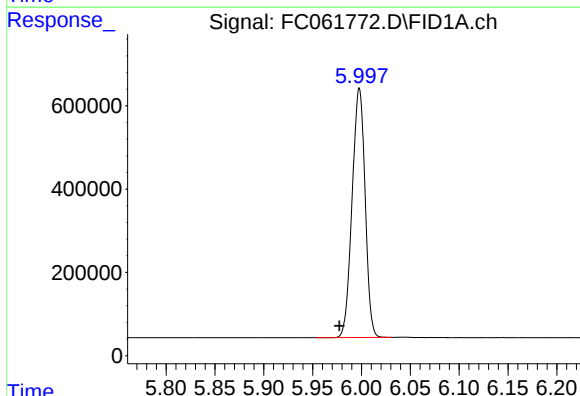
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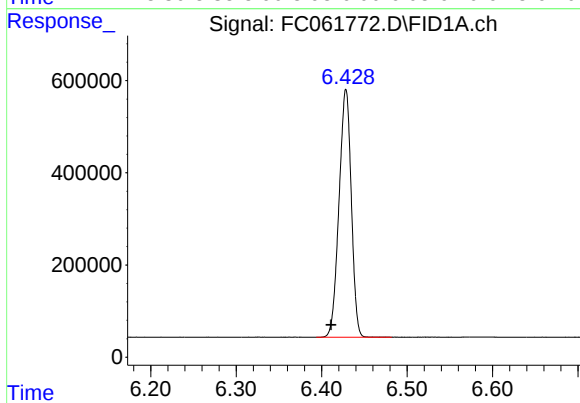
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: 0.024 min
Response: 4633598
Conc: 30.72 ug/ml



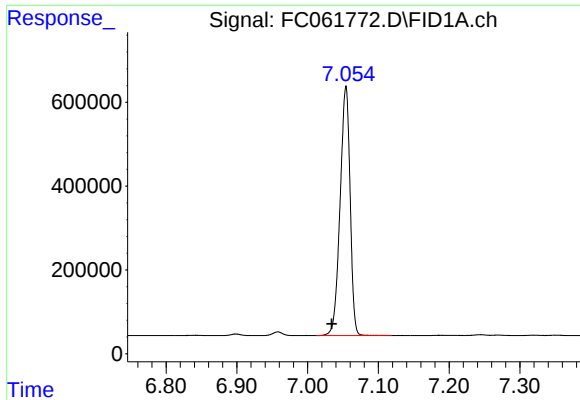
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: 0.020 min
Response: 5543992
Conc: 33.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: 0.017 min
Response: 5356671
Conc: 35.23 ug/ml



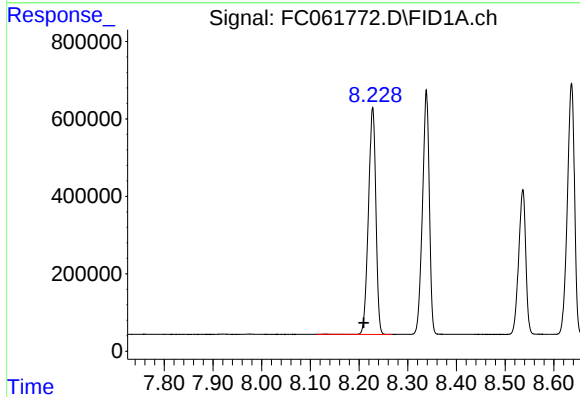
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.020 min
Response: 5848858
Conc: 35.56 ug/ml

Instrument :
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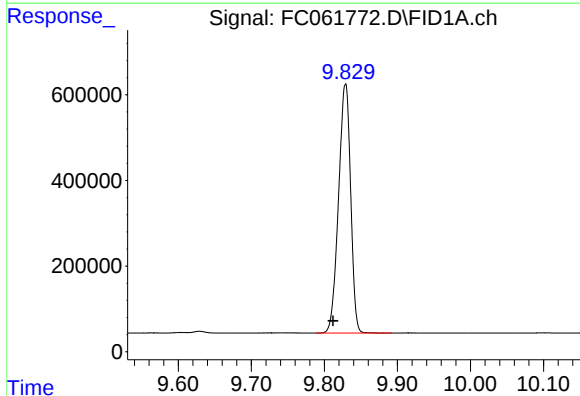
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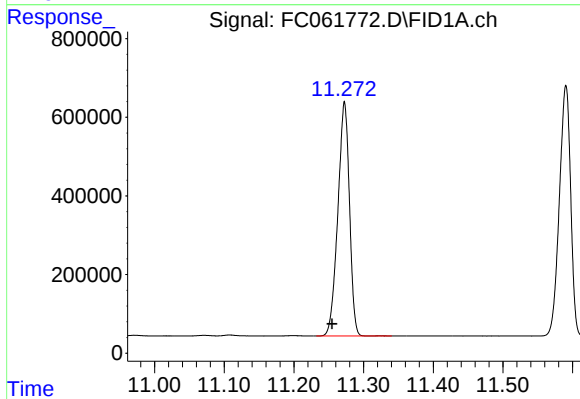
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.018 min
Response: 6219356
Conc: 40.79 ug/ml



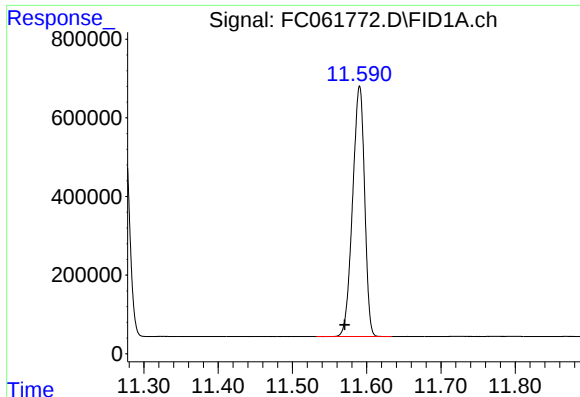
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: 0.017 min
Response: 6694353
Conc: 43.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: 0.018 min
Response: 6890278
Conc: 43.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.590 min
 Delta R.T.: 0.020 min
 Response: 7166513
 Conc: 41.93 ug/ml

Instrument :

FID_C

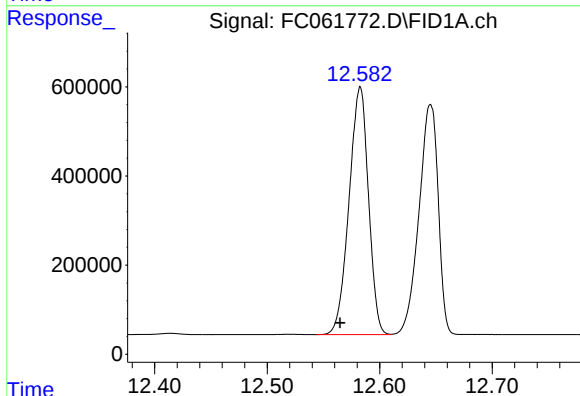
ClientSampleId :

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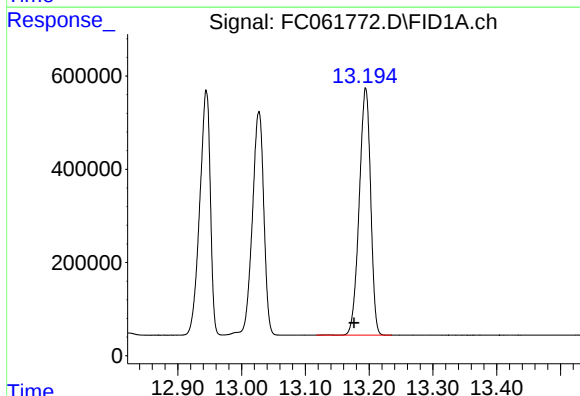
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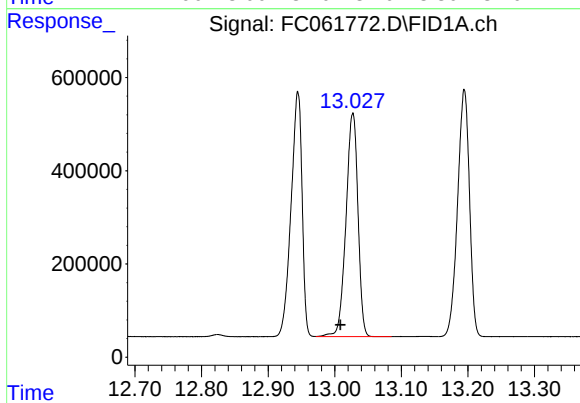
#10 n-Eicosane (C20)

R.T.: 12.582 min
 Delta R.T.: 0.018 min
 Response: 6669869
 Conc: 41.86 ug/ml



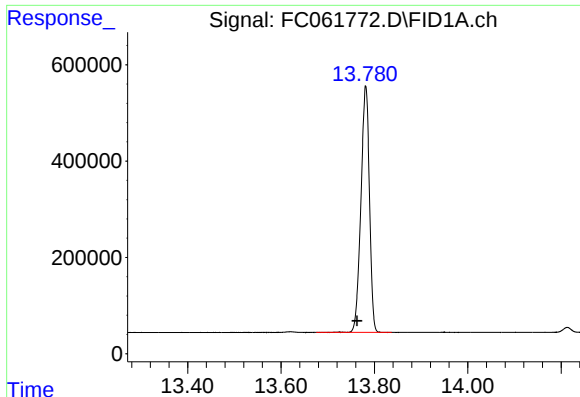
#11 n-Heneicosane (C21)

R.T.: 13.194 min
 Delta R.T.: 0.018 min
 Response: 6586944
 Conc: 41.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
 Delta R.T.: 0.019 min
 Response: 5998440
 Conc: 43.91 ug/ml



#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: 0.018 min
Response: 6481742
Conc: 40.34 ug/ml

Instrument :

FID_C

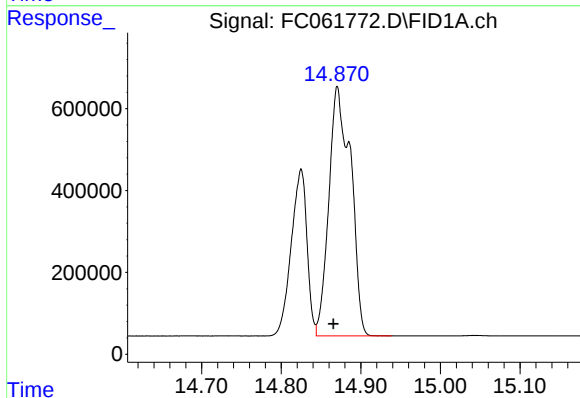
ClientSampleId :

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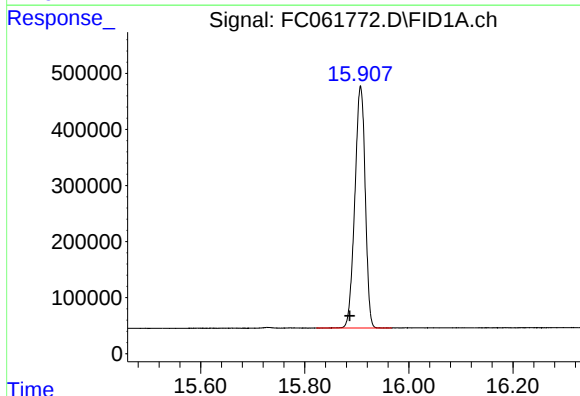
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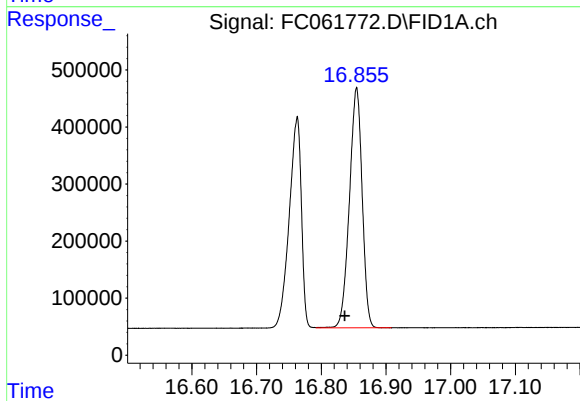
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: 0.005 min
Response: 11649679
Conc: 72.72 ug/ml



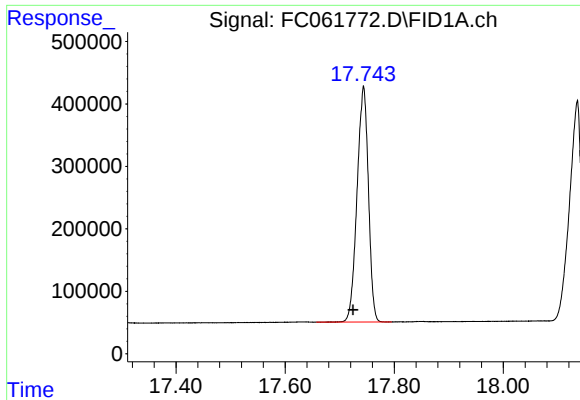
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: 0.021 min
Response: 5966077
Conc: 37.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: 0.018 min
Response: 5756763
Conc: 37.14 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.744 min
Delta R.T.: 0.019 min
Response: 5443981
Conc: 35.38 ug/ml

Instrument :

FID_C

ClientSampleId :

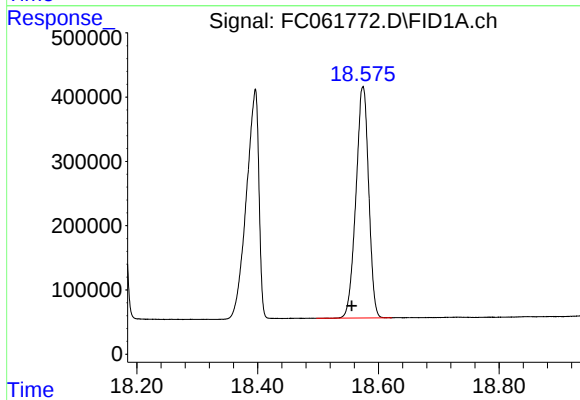
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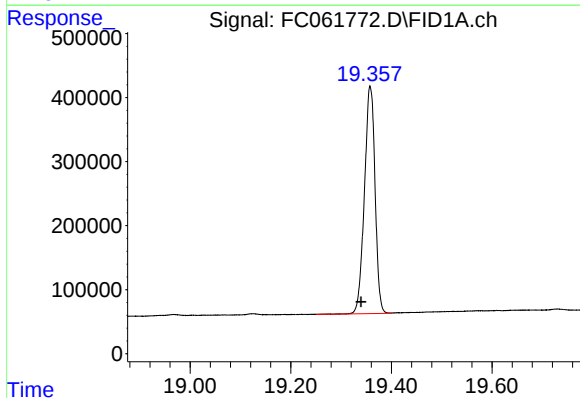
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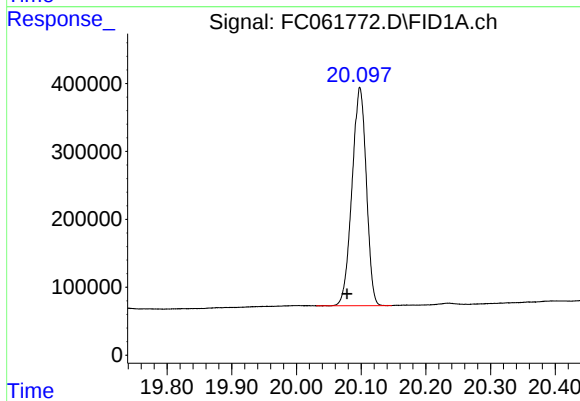
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: 0.019 min
Response: 5267798
Conc: 34.84 ug/ml



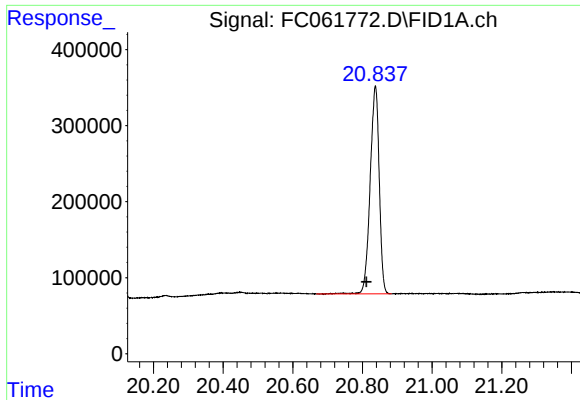
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: 0.018 min
Response: 5191962
Conc: 36.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.098 min
Delta R.T.: 0.020 min
Response: 4943165
Conc: 35.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: 0.026 min
Response: 4930733
Conc: 38.07 ug/ml

Instrument :

FID_C

ClientSampleId :

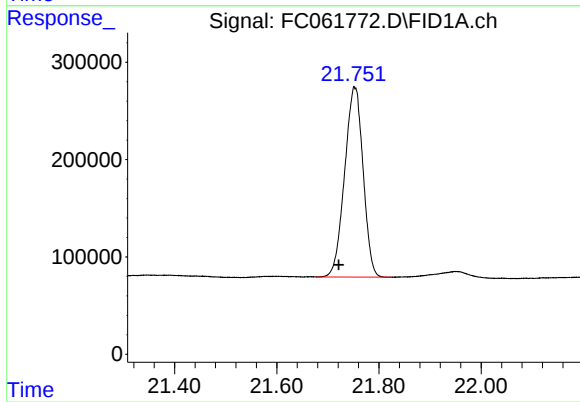
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#22 n-Tetracontane (C40)

R.T.: 21.751 min
Delta R.T.: 0.030 min
Response: 4897682
Conc: 40.08 ug/ml m