

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
 Data File : FC066590.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2024 20:11
 Operator : YP/AJ
 Sample : PB161452BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161452BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 03:55:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 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)	11.552	6077569	39.985 ug/ml
Spiked Amount 50.000		Recovery =	79.97%
12) S 1-chlorooctadecane (S...	12.989	4953013	43.345 ug/ml
Spiked Amount 50.000		Recovery =	86.69%
Target Compounds			
1) T n-Nonane (C9)	3.312	4944145	35.327 ug/ml
2) T n-Decane (C10)	4.376	5352631	37.201 ug/ml
3) T A~Naphthalene (C11.7)	5.960	6484785	40.695 ug/ml
4) T n-Dodecane (C12)	6.394	5494031	38.154 ug/ml
5) T A~2-methylnaphthalene...	7.017	6592424	42.985 ug/ml
6) T n-Tetradecane (C14)	8.192	5793615	41.039 ug/ml
7) T n-Hexadecane (C16)	9.792	5830696	40.571 ug/ml
8) T n-Octadecane (C18)	11.235	5722762	39.989 ug/ml
10) T n-Eicosane (C20)	12.545	5692614	41.838 ug/ml
11) T n-Heneicosane (C21)	13.156	5479862	41.108 ug/ml
13) T n-Docosane (C22)	13.742	5421994	41.139 ug/ml
14) T n-Tetracosane (C24)	14.845	4662460	35.817 ug/ml
15) T n-Hexacosane (C26)	15.869	5278997	41.508 ug/ml
16) T n-Octacosane (C28)	16.818	5235152	42.168 ug/ml
17) T n-Tricontane (C30)	17.707	5211099	41.349 ug/ml
18) T n-Dotriacontane (C32)	18.538	5199028	42.242 ug/ml
19) T n-Tetratriacontane (C34)	19.323	5185896	43.243 ug/ml
20) T n-Hexatriacontane (C36)	20.062	4980475	41.108 ug/mlm
21) T n-Octatriacontane (C38)	20.798	4601232	39.775 ug/ml
22) T n-Tetracontane (C40)	21.707	4417113	36.060 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
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Acq On : 12 Jun 2024 20:11
Operator : YP/AJ
Sample : PB161452BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

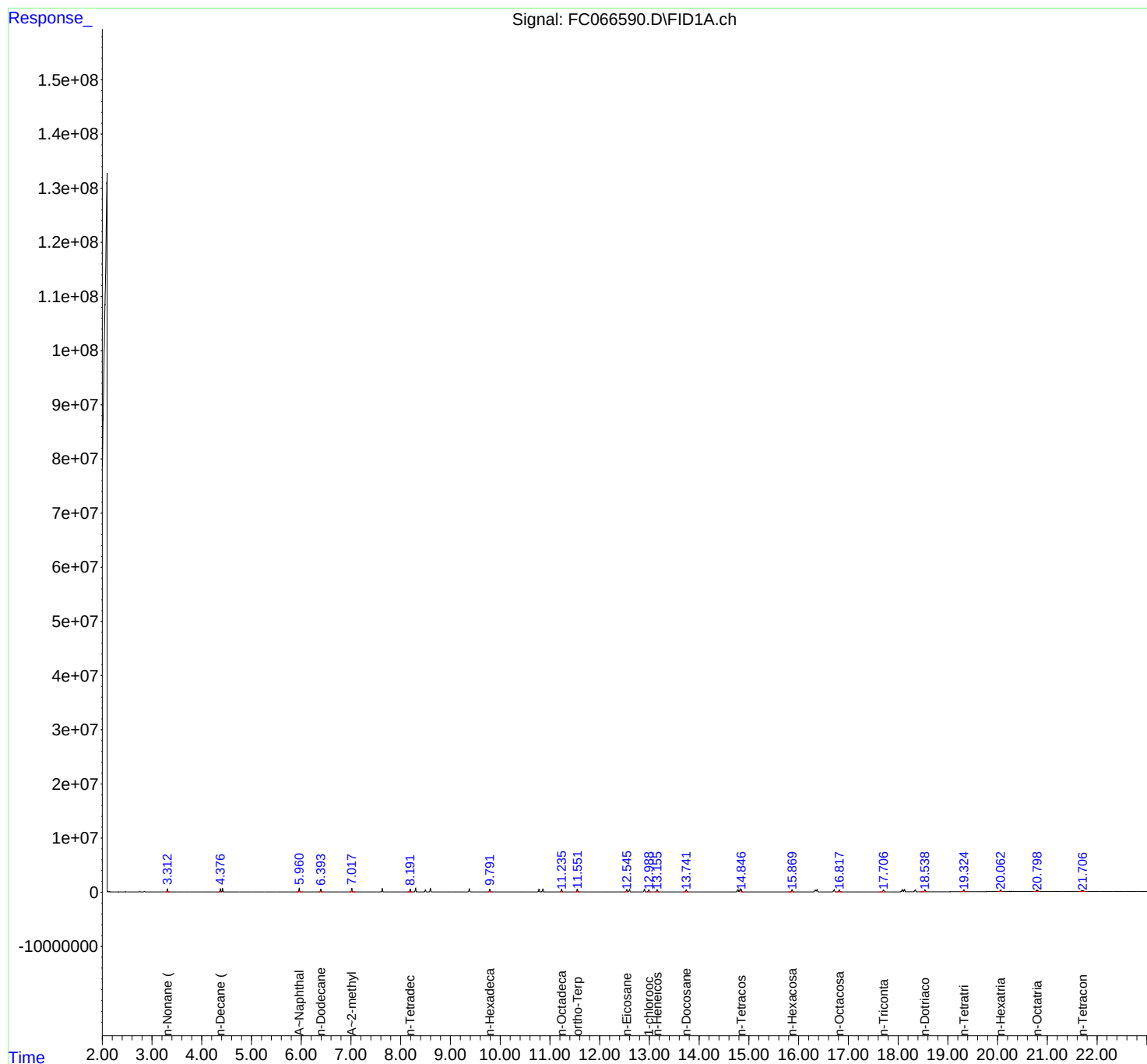
Instrument :
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ClientSampleId :
PB161452BSD

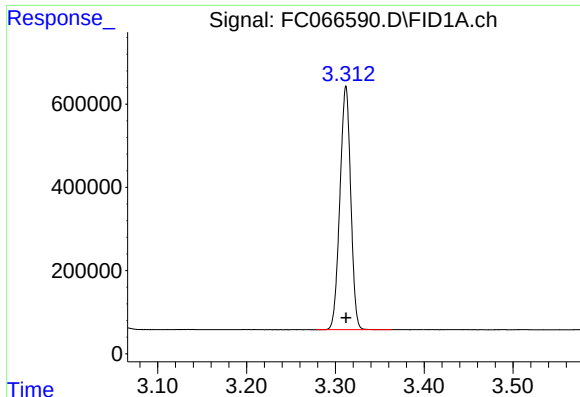
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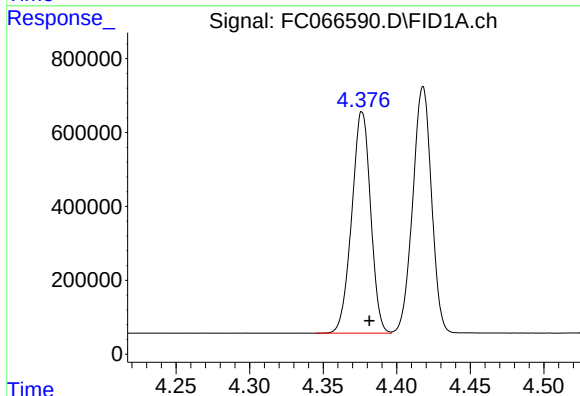
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 4944145
Conc: 35.33 ug/ml

Instrument :
FID_C
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PB161452BSD

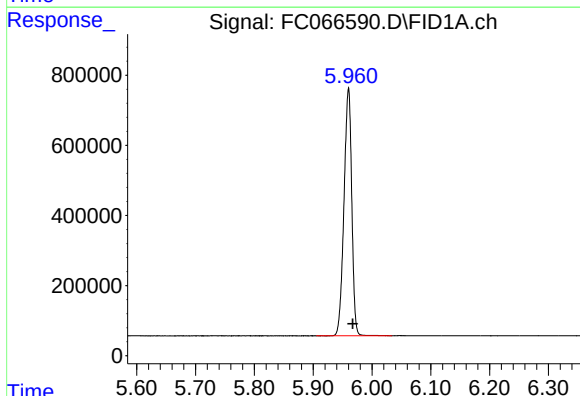
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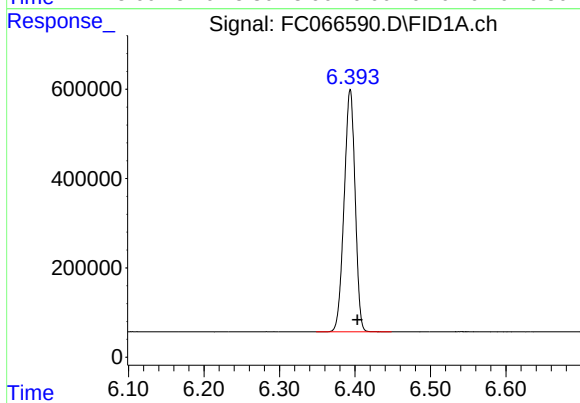
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: -0.005 min
Response: 5352631
Conc: 37.20 ug/ml



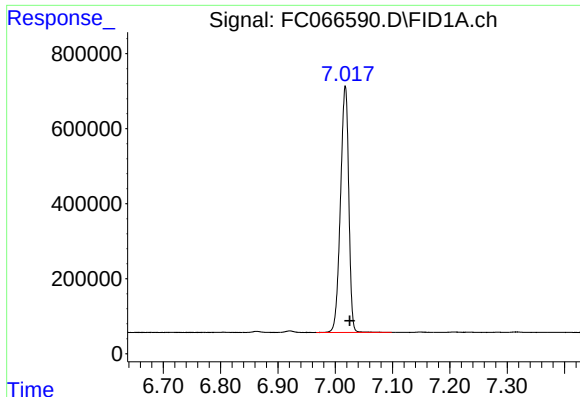
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 6484785
Conc: 40.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: -0.010 min
Response: 5494031
Conc: 38.15 ug/ml



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

R.T.: 7.017 min
Delta R.T.: -0.008 min
Response: 6592424
Conc: 42.99 ug/ml

Instrument :

FID_C

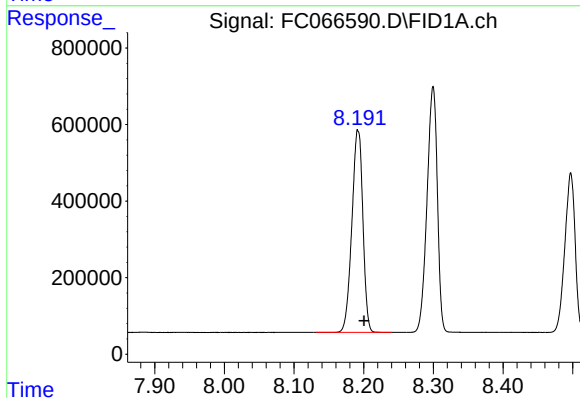
ClientSampleId :

PB161452BSD

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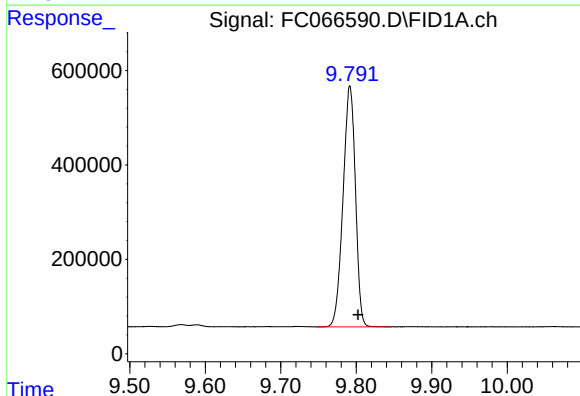
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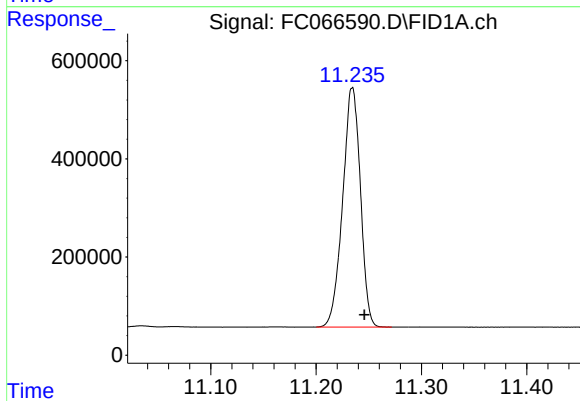
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.009 min
Response: 5793615
Conc: 41.04 ug/ml



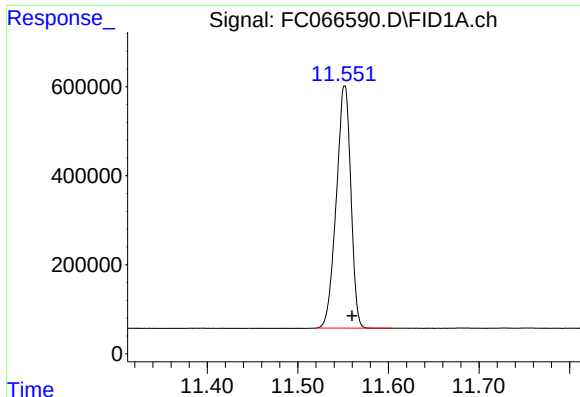
#7 n-Hexadecane (C16)

R.T.: 9.792 min
Delta R.T.: -0.011 min
Response: 5830696
Conc: 40.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.235 min
Delta R.T.: -0.011 min
Response: 5722762
Conc: 39.99 ug/ml



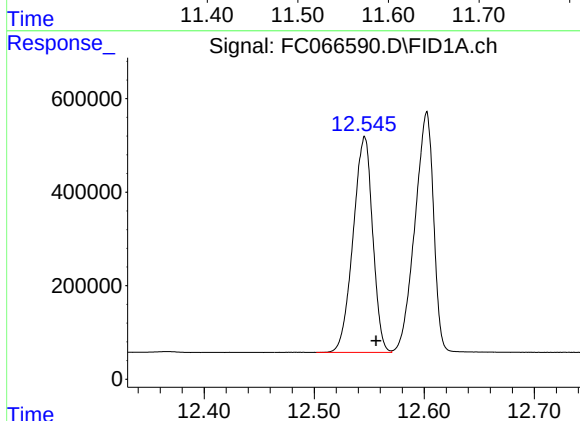
#9 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: -0.008 min
Response: 6077569
Conc: 39.98 ug/ml

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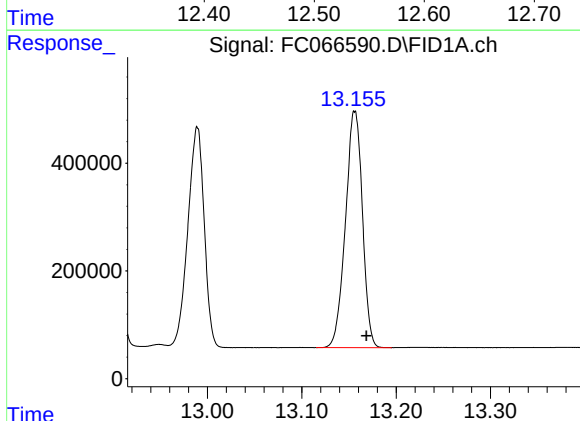
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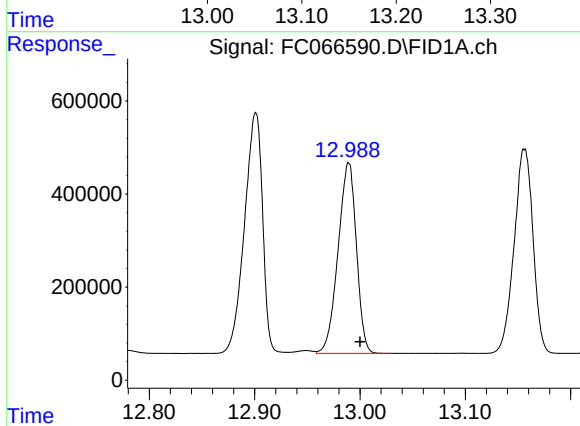
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.011 min
Response: 5692614
Conc: 41.84 ug/ml



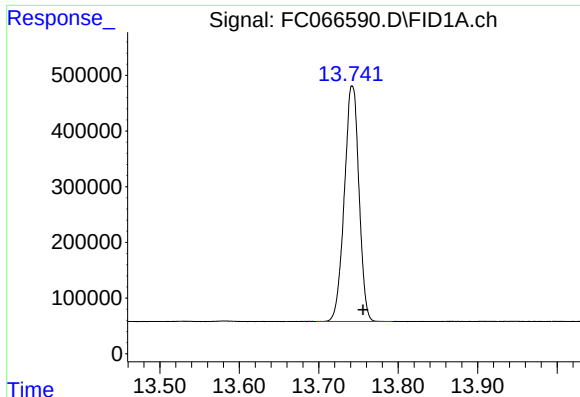
#11 n-Heneicosane (C21)

R.T.: 13.156 min
Delta R.T.: -0.012 min
Response: 5479862
Conc: 41.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.989 min
Delta R.T.: -0.011 min
Response: 4953013
Conc: 43.35 ug/ml



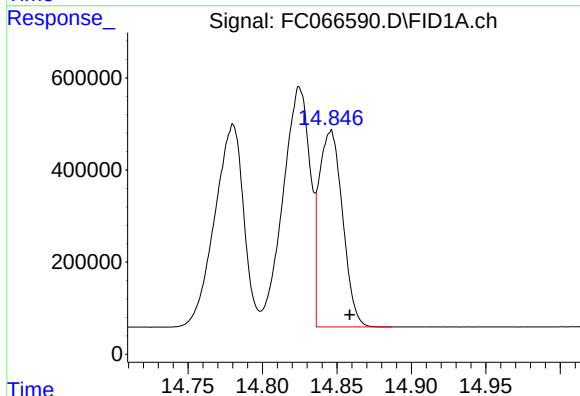
#13 n-Docosane (C22)

R.T.: 13.742 min
Delta R.T.: -0.013 min
Response: 5421994
Conc: 41.14 ug/ml

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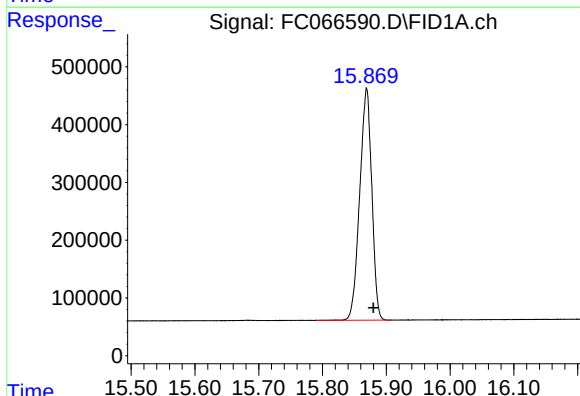
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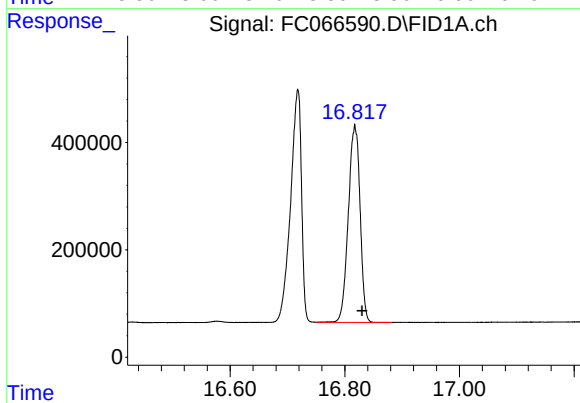
#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.013 min
Response: 4662460
Conc: 35.82 ug/ml



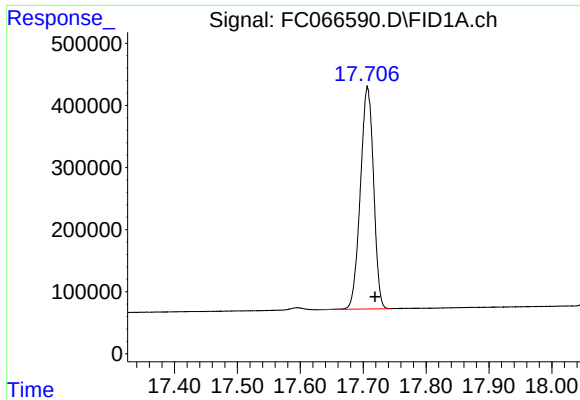
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: -0.011 min
Response: 5278997
Conc: 41.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.818 min
Delta R.T.: -0.012 min
Response: 5235152
Conc: 42.17 ug/ml



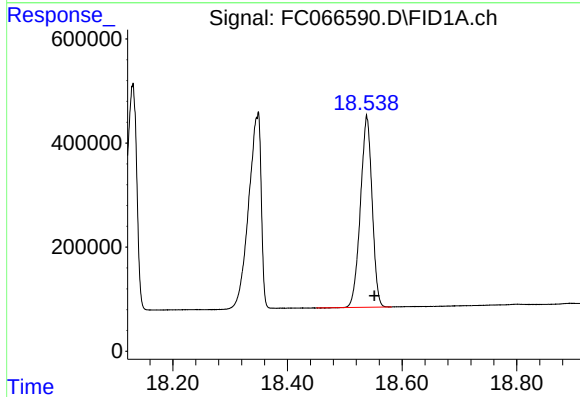
#17 n-Tricontane (C30)

R.T.: 17.707 min
Delta R.T.: -0.012 min
Response: 5211099
Conc: 41.35 ug/ml

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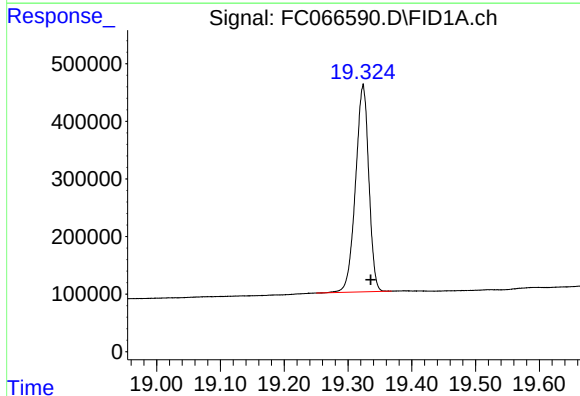
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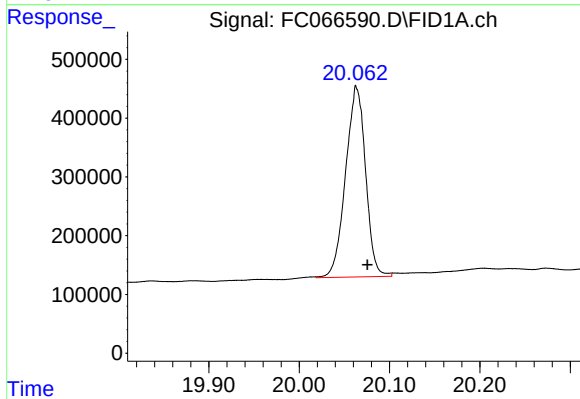
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.013 min
Response: 5199028
Conc: 42.24 ug/ml



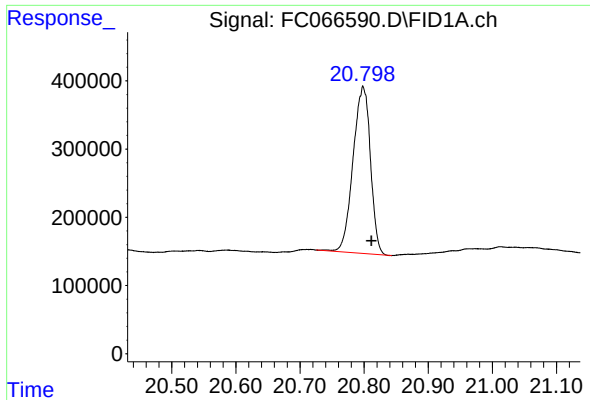
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: -0.012 min
Response: 5185896
Conc: 43.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.062 min
Delta R.T.: -0.013 min
Response: 4980475
Conc: 41.11 ug/ml m



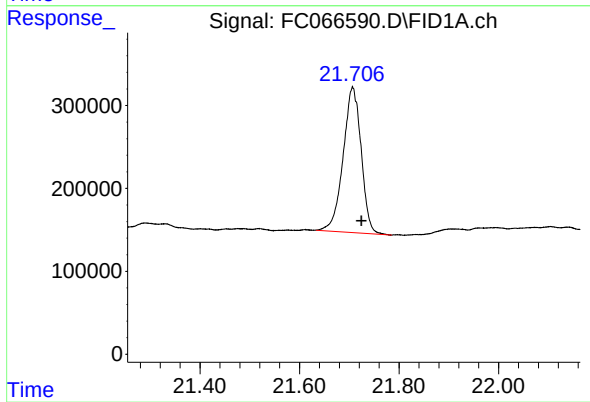
#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: -0.013 min
Response: 4601232
Conc: 39.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.018 min
Response: 4417113
Conc: 36.06 ug/ml