

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042524AL\
 Data File : FC066230.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 16:57
 Operator : YP/AJ
 Sample : PB160498BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160498BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 03:58:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.565	5539828	40.118 ug/ml
Spiked Amount 50.000		Recovery =	80.24%
12) S 1-chlorooctadecane (S...	13.005	4240211	43.213 ug/ml
Spiked Amount 50.000		Recovery =	86.43%
Target Compounds			
1) T n-Nonane (C9)	3.333	4879950	37.906 ug/ml
2) T n-Decane (C10)	4.395	5159054	39.567 ug/ml
3) T A~Naphthalene (C11.7)	5.973	5648220	39.382 ug/ml
4) T n-Dodecane (C12)	6.410	5310667	41.014 ug/ml
5) T A~2-methylnaphthalene...	7.029	5526235	40.132 ug/ml
6) T n-Tetradecane (C14)	8.206	5295008	42.068 ug/ml
7) T n-Hexadecane (C16)	9.807	5222633	41.002 ug/ml
8) T n-Octadecane (C18)	11.251	5282413	41.500 ug/ml
10) T n-Eicosane (C20)	12.561	5250886	43.573 ug/ml
11) T n-Heneicosane (C21)	13.173	5084432	42.970 ug/ml
13) T n-Docosane (C22)	13.759	5041798	42.948 ug/ml
14) T n-Tetracosane (C24)	14.863	4784466	41.007 ug/ml
15) T n-Hexacosane (C26)	15.886	4981617	43.334 ug/ml
16) T n-Octacosane (C28)	16.835	5060855	44.656 ug/ml
17) T n-Tricontane (C30)	17.724	5078655	43.839 ug/ml
18) T n-Dotriacontane (C32)	18.556	4920937	42.861 ug/ml
19) T n-Tetratriacontane (C34)	19.338	4470996	40.712 ug/ml
20) T n-Hexatriacontane (C36)	20.076	3419501	33.128 ug/mlm
21) T n-Octatriacontane (C38)	20.814	2473967	25.378 ug/ml
22) T n-Tetracontane (C40)	21.724	1718487	18.991 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB160498BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

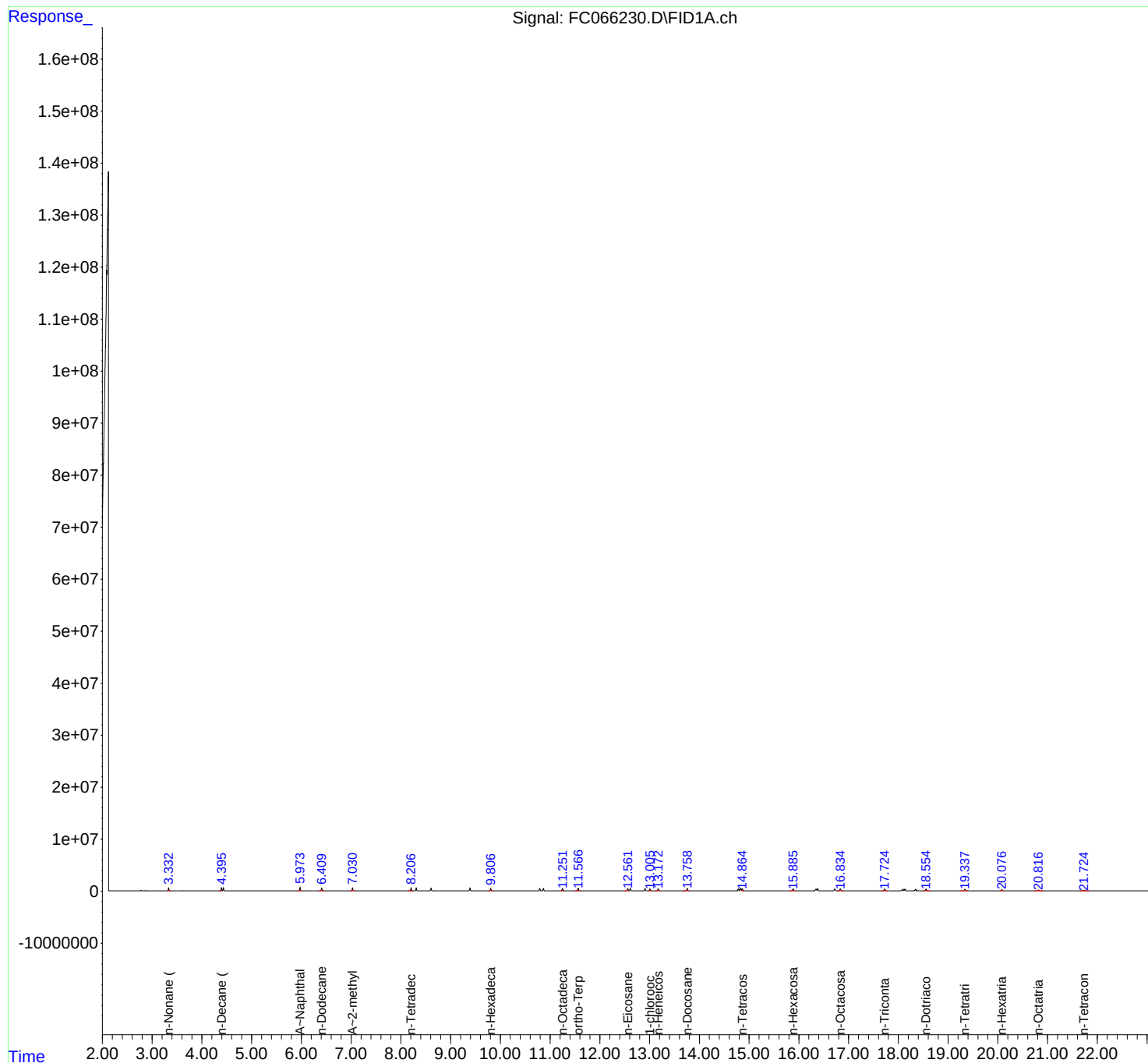
Instrument :
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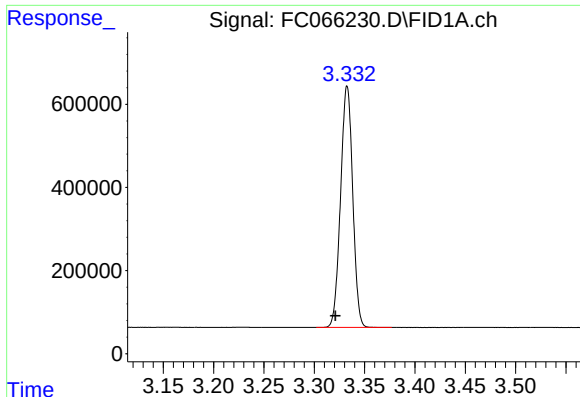
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#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.012 min
Response: 4879950
Conc: 37.91 ug/ml

Instrument :

FID_C

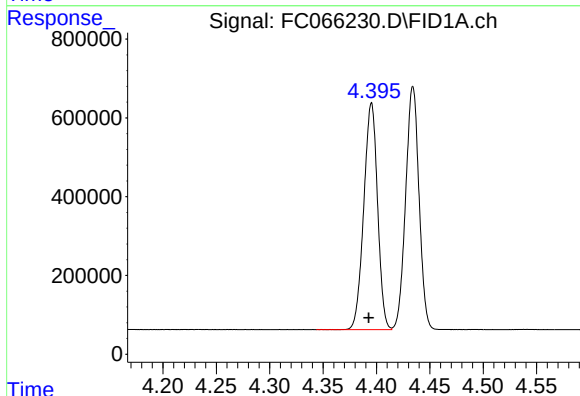
ClientSampleId :

PB160498BSD

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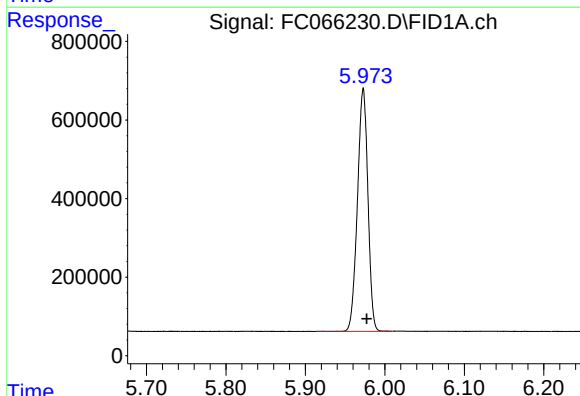
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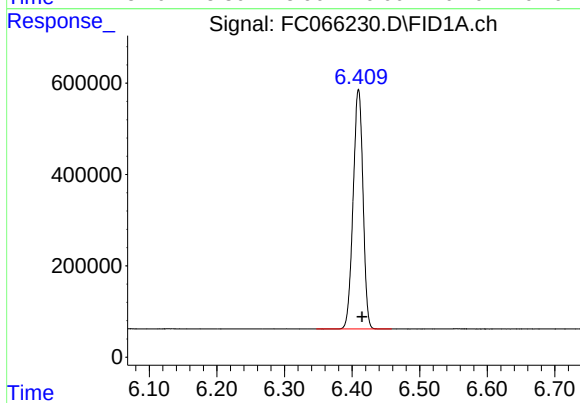
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.002 min
Response: 5159054
Conc: 39.57 ug/ml



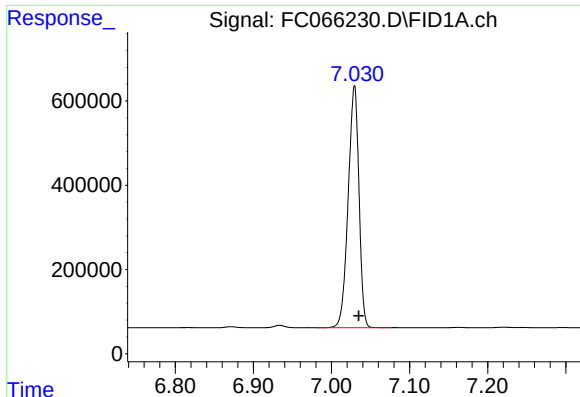
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.005 min
Response: 5648220
Conc: 39.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 5310667
Conc: 41.01 ug/ml



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

R.T.: 7.029 min
Delta R.T.: -0.006 min
Response: 5526235
Conc: 40.13 ug/ml

Instrument :

FID_C

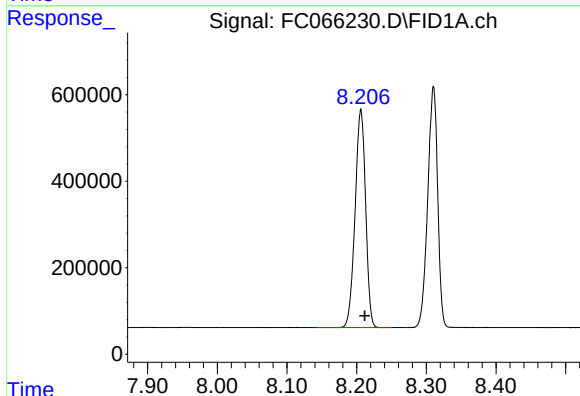
ClientSampleId :

PB160498BSD

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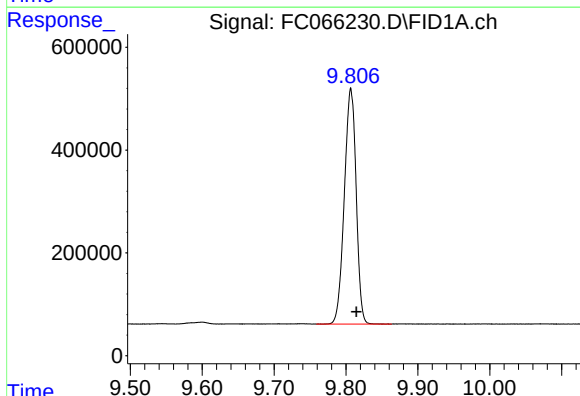
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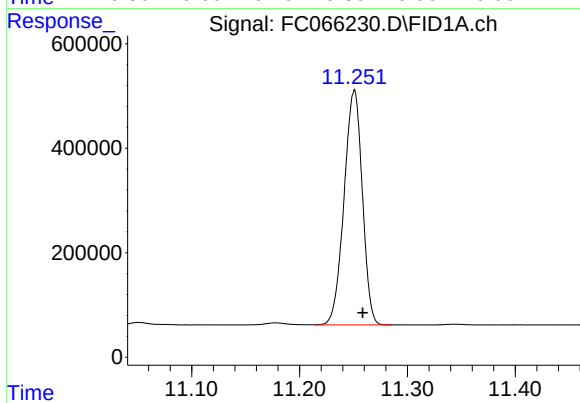
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.006 min
Response: 5295008
Conc: 42.07 ug/ml



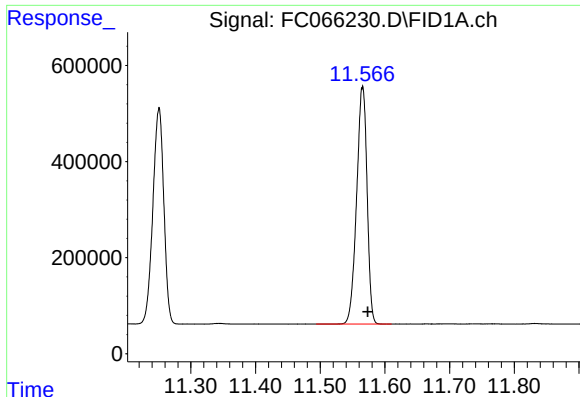
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.008 min
Response: 5222633
Conc: 41.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: -0.008 min
Response: 5282413
Conc: 41.50 ug/ml



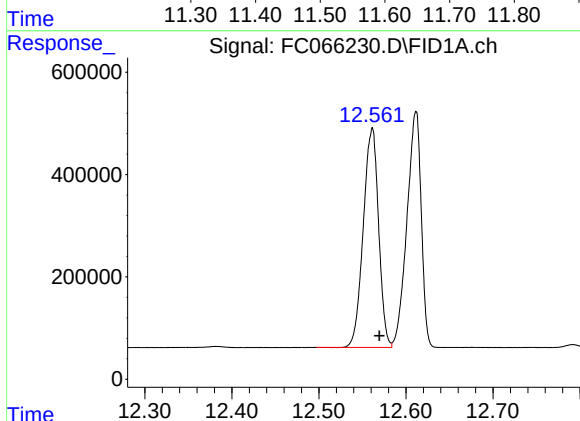
#9 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.008 min
Response: 5539828
Conc: 40.12 ug/ml

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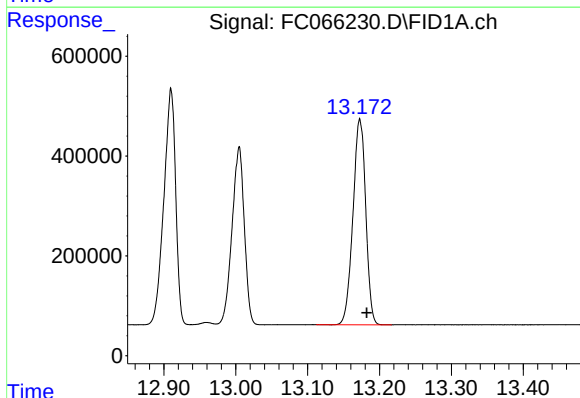
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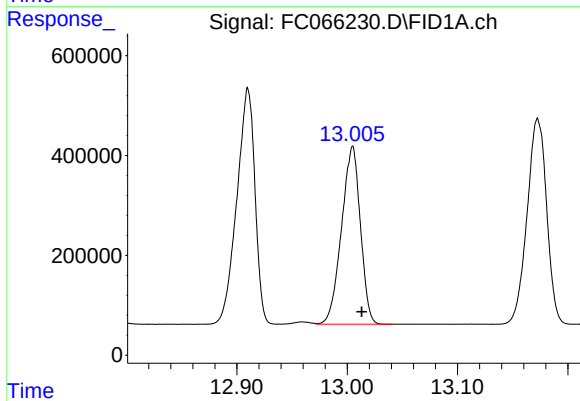
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.009 min
Response: 5250886
Conc: 43.57 ug/ml



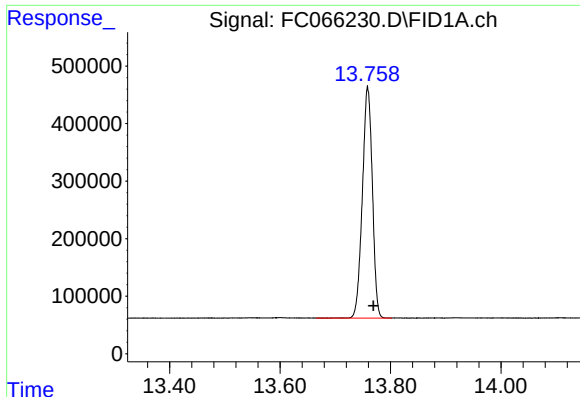
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.010 min
Response: 5084432
Conc: 42.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.005 min
Delta R.T.: -0.009 min
Response: 4240211
Conc: 43.21 ug/ml



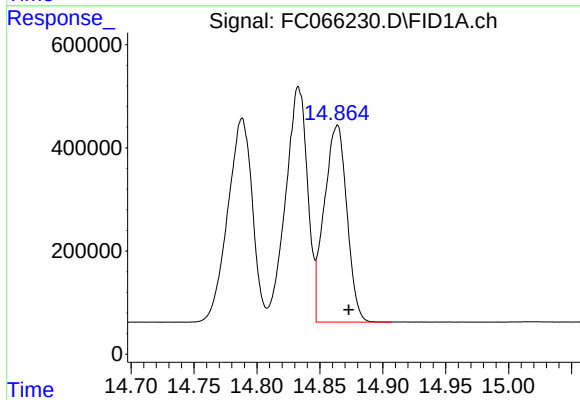
#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: -0.010 min
Response: 5041798
Conc: 42.95 ug/ml

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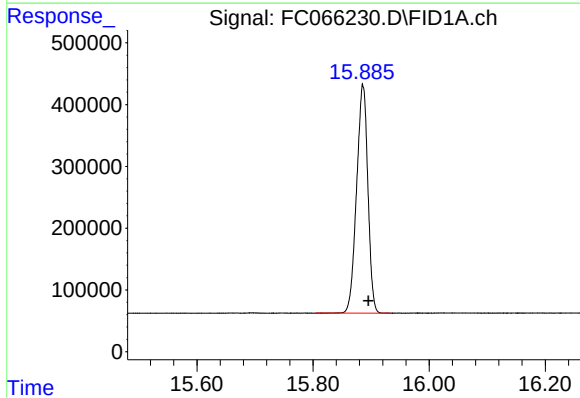
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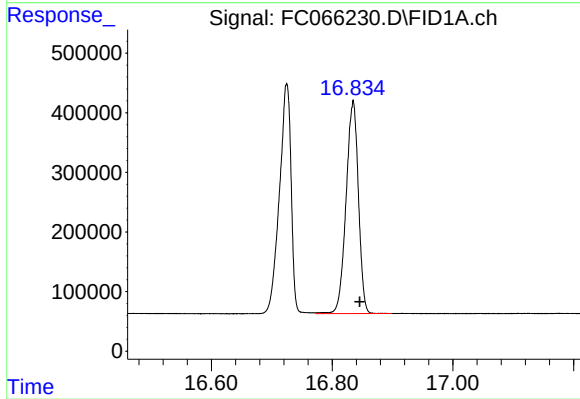
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.010 min
Response: 4784466
Conc: 41.01 ug/ml



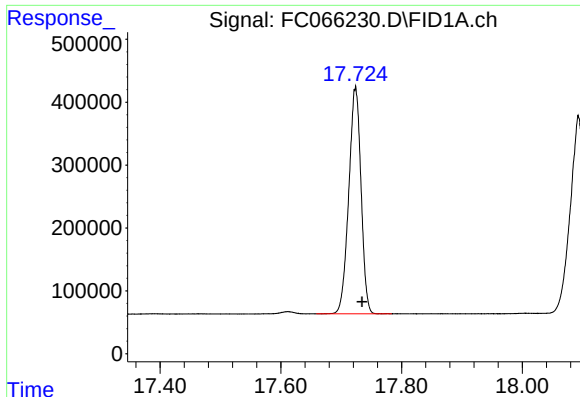
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.009 min
Response: 4981617
Conc: 43.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.835 min
Delta R.T.: -0.011 min
Response: 5060855
Conc: 44.66 ug/ml



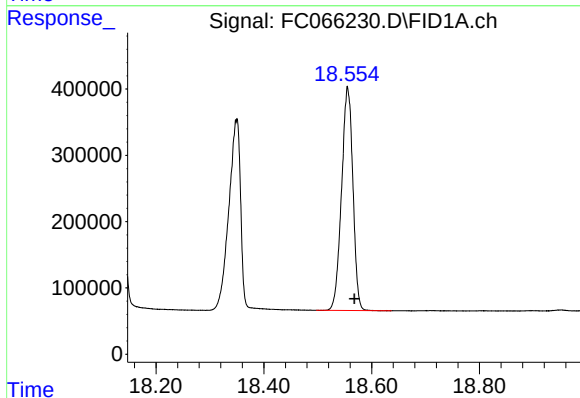
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: -0.011 min
Response: 5078655
Conc: 43.84 ug/ml

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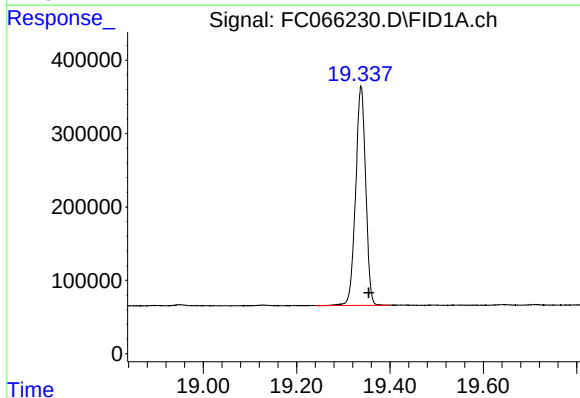
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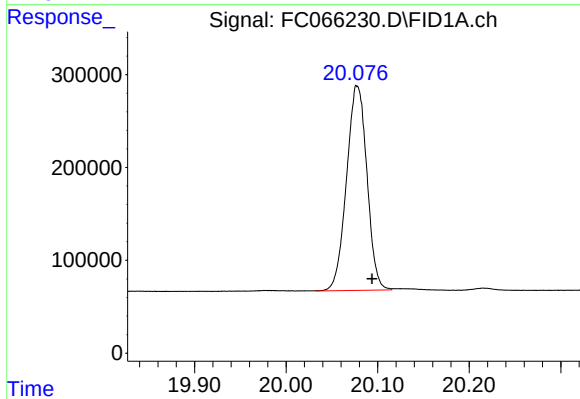
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: -0.013 min
Response: 4920937
Conc: 42.86 ug/ml



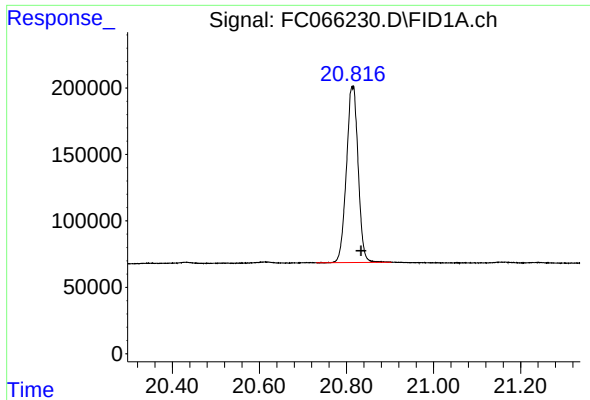
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.016 min
Response: 4470996
Conc: 40.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: -0.018 min
Response: 3419501
Conc: 33.13 ug/ml m



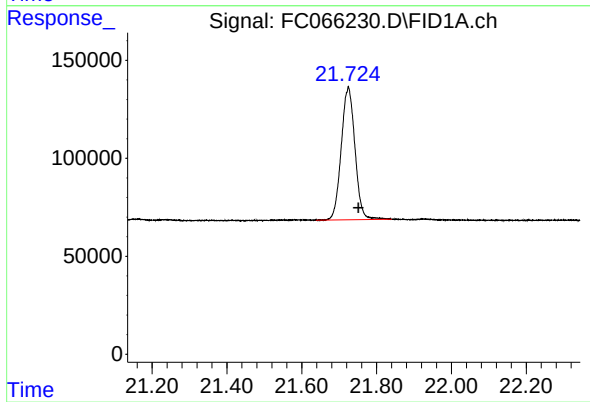
#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.020 min
Response: 2473967
Conc: 25.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: -0.028 min
Response: 1718487
Conc: 18.99 ug/ml