

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071823AL\
 Data File : FC064144.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2023 23:14
 Operator : YP/AJ
 Sample : PB154260BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154260BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e
 Quant Time: Jul 19 03:14:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 2023
 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)	11.521	7893941	40.656 ug/ml
Spiked Amount 50.000		Recovery =	81.31%
12) S 1-chlorooctadecane (S...	12.954	5863709	42.145 ug/ml
Spiked Amount 50.000		Recovery =	84.29%
Target Compounds			
1) T n-Nonane (C9)	3.319	8048892	45.130 ug/ml
2) T n-Decane (C10)	4.375	8595883	47.503 ug/ml
3) T A~Naphthalene (C11.7)	5.949	9871236	52.920 ug/ml
4) T n-Dodecane (C12)	6.382	9283125	51.530 ug/ml
5) T A~2-methylnaphthalene...	7.003	9686410	55.040 ug/ml
6) T n-Tetradecane (C14)	8.174	9292701	53.718 ug/ml
7) T n-Hexadecane (C16)	9.769	9138662	52.608 ug/ml
8) T n-Octadecane (C18)	11.208	9239345	53.609 ug/ml
10) T n-Eicosane (C20)	12.514	8753494	53.621 ug/ml
11) T n-Heneicosane (C21)	13.124	8571805	53.499 ug/ml
13) T n-Docosane (C22)	13.707	8424215	53.611 ug/ml
14) T n-Tetracosane (C24)	14.794	16537663	104.920 ug/ml
15) T n-Hexacosane (C26)	15.825	8024304	53.111 ug/ml
16) T n-Octacosane (C28)	16.771	7964808	52.859 ug/ml
17) T n-Tricontane (C30)	17.656	7798041	49.947 ug/ml
18) T n-Dotriacontane (C32)	18.484	7713236	48.825 ug/ml
19) T n-Tetratriacontane (C34)	19.266	7553538	49.088 ug/ml
20) T n-Hexatriacontane (C36)	20.001	7292504	49.394 ug/mlm
21) T n-Octatriacontane (C38)	20.727	7107732	47.984 ug/ml
22) T n-Tetracontane (C40)	21.612	7079022	48.567 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB154260BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

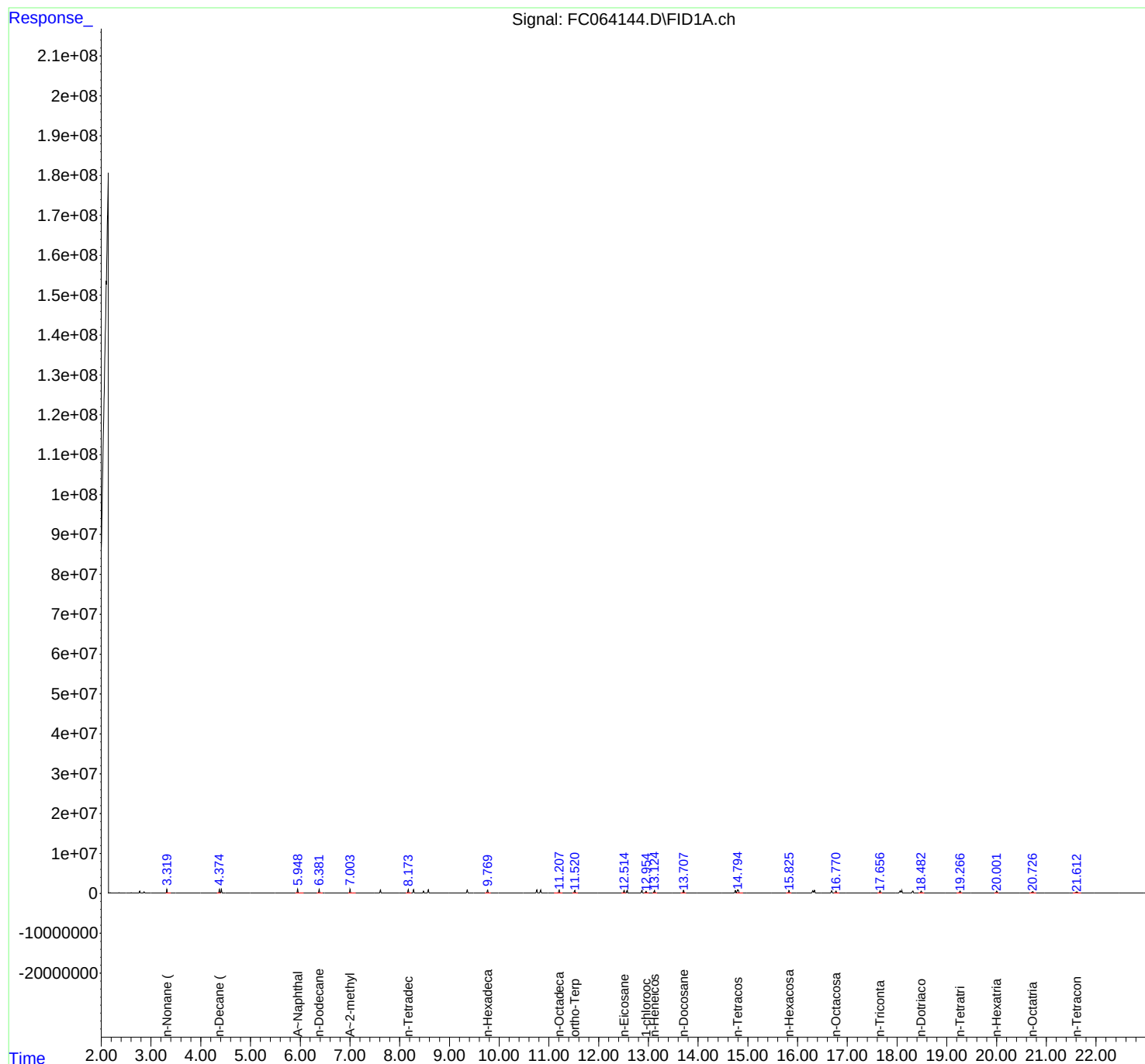
Instrument :
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PB154260BSD

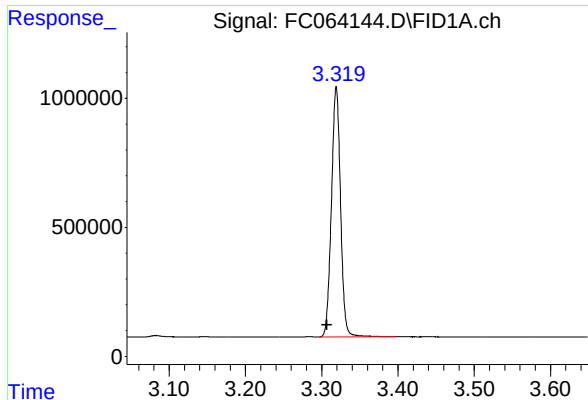
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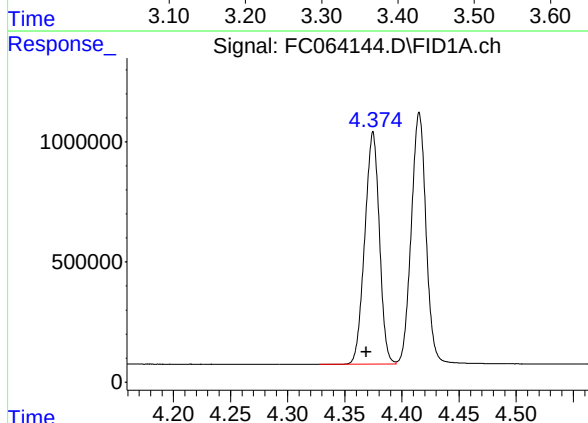
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: 0.012 min
Response: 8048892
Conc: 45.13 ug/ml

Instrument :
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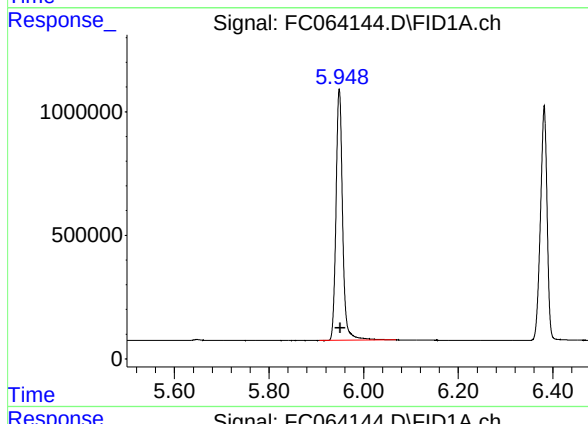
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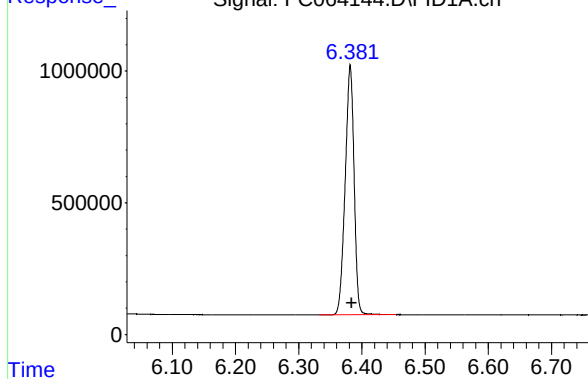
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: 0.006 min
Response: 8595883
Conc: 47.50 ug/ml



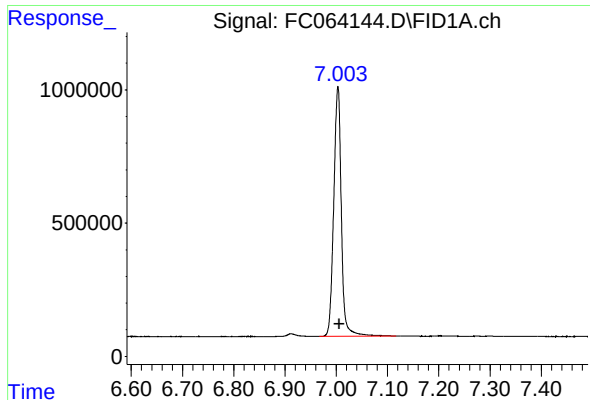
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 9871236
Conc: 52.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 9283125
Conc: 51.53 ug/ml



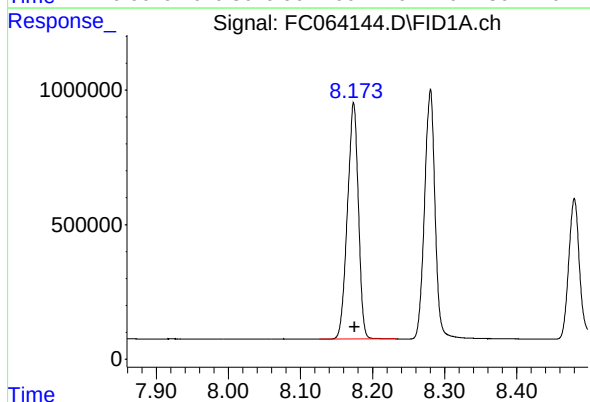
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 9686410
Conc: 55.04 ug/ml

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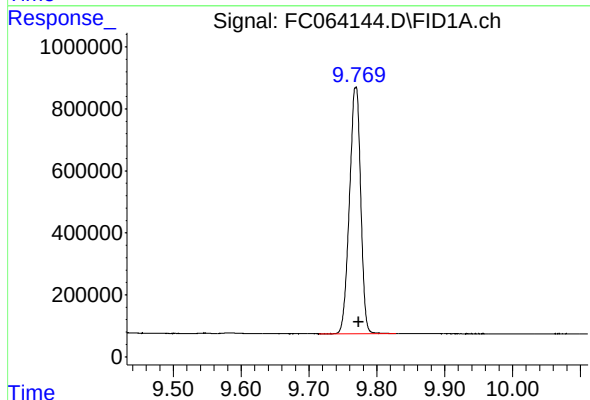
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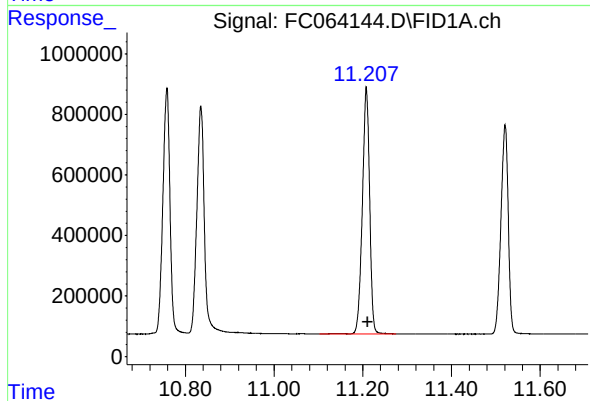
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.001 min
Response: 9292701
Conc: 53.72 ug/ml



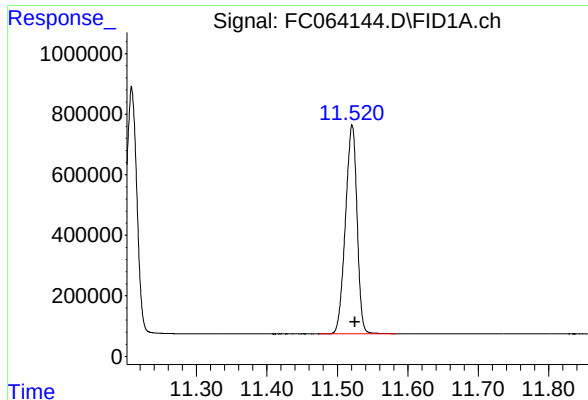
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.004 min
Response: 9138662
Conc: 52.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 9239345
Conc: 53.61 ug/ml



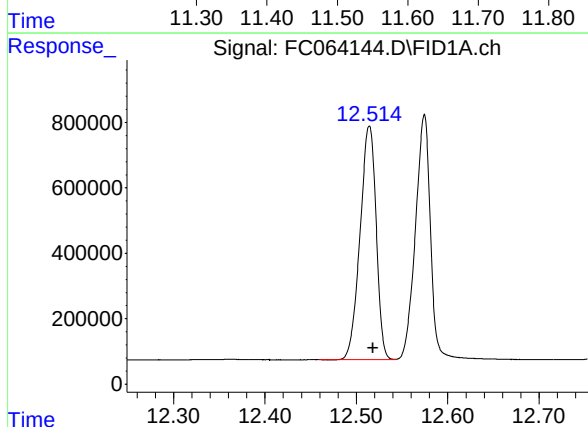
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.004 min
Response: 7893941
Conc: 40.66 ug/ml

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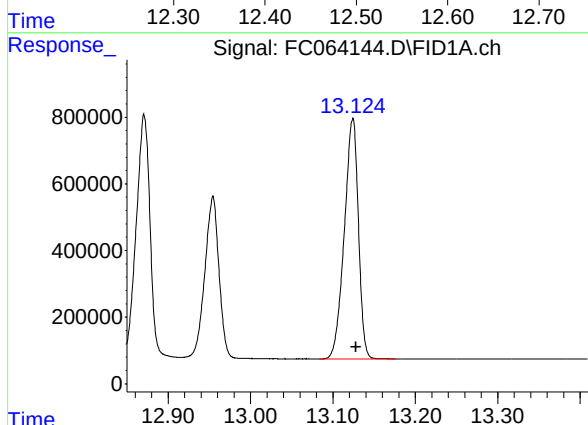
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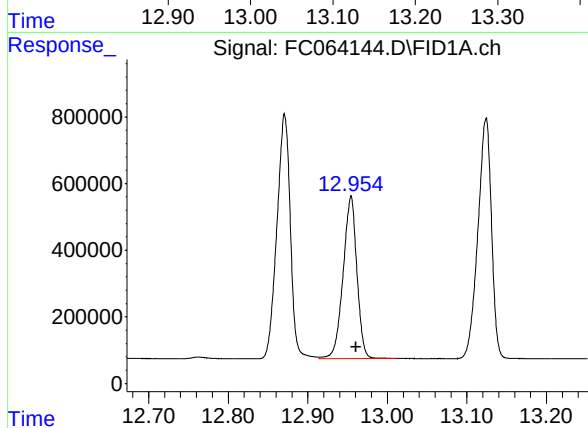
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 8753494
Conc: 53.62 ug/ml



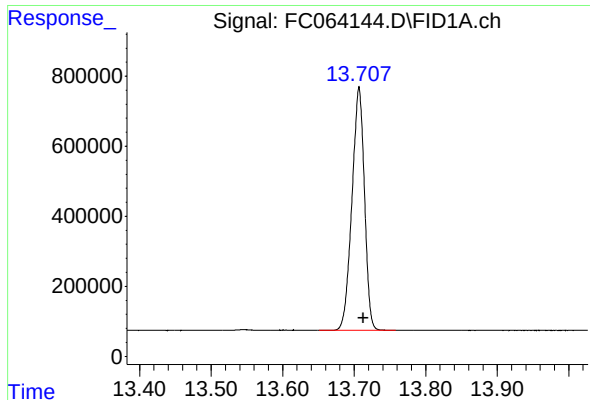
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 8571805
Conc: 53.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.954 min
Delta R.T.: -0.006 min
Response: 5863709
Conc: 42.15 ug/ml



#13 n-Docosane (C22)

R.T.: 13.707 min
Delta R.T.: -0.006 min
Response: 8424215
Conc: 53.61 ug/ml

Instrument :

FID_C

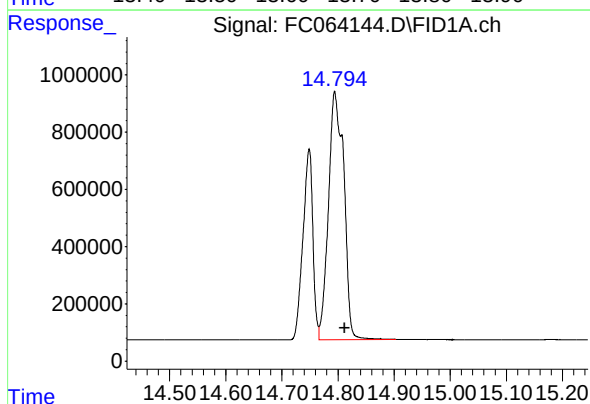
ClientSampleId :

PB154260BSD

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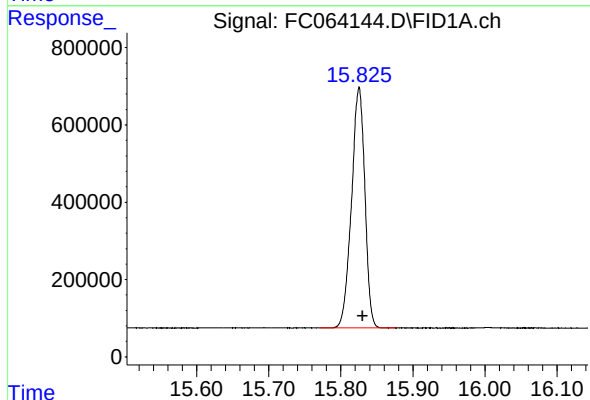
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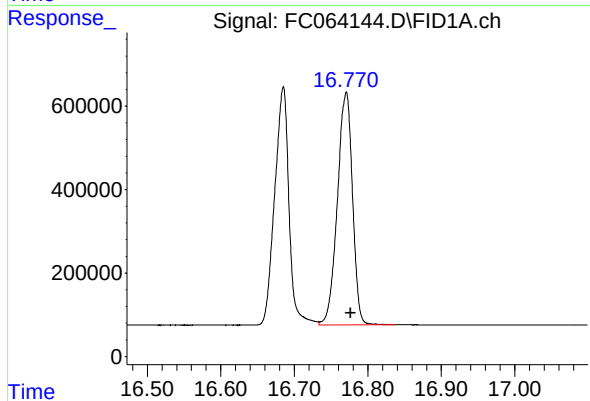
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: -0.018 min
Response: 16537663
Conc: 104.92 ug/ml



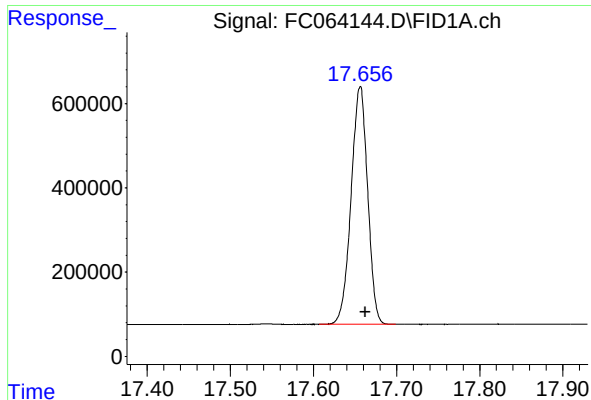
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.005 min
Response: 8024304
Conc: 53.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: -0.006 min
Response: 7964808
Conc: 52.86 ug/ml



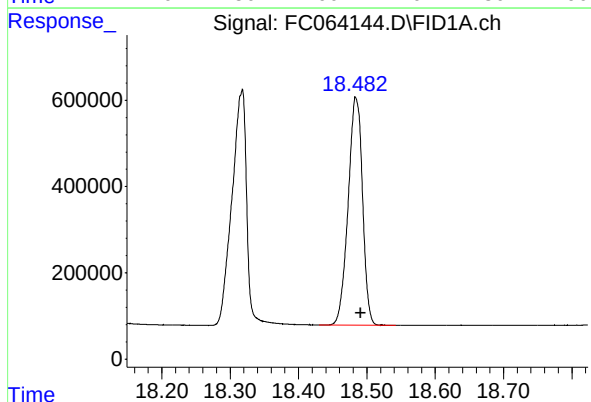
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: -0.006 min
Response: 7798041
Conc: 49.95 ug/ml

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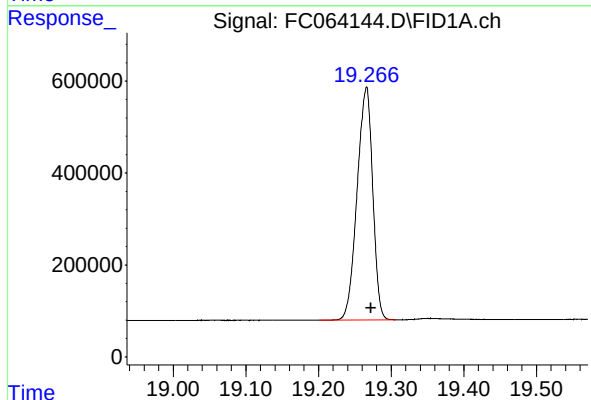
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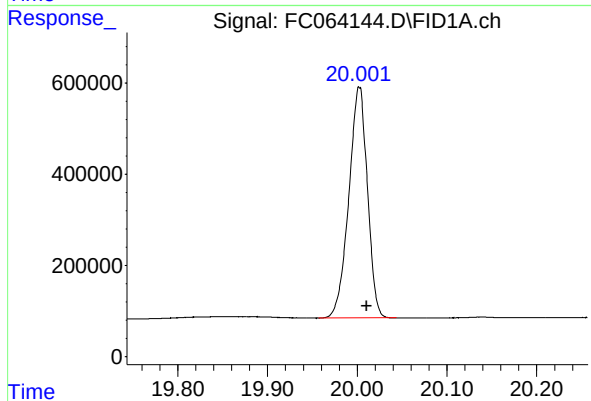
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.007 min
Response: 7713236
Conc: 48.82 ug/ml



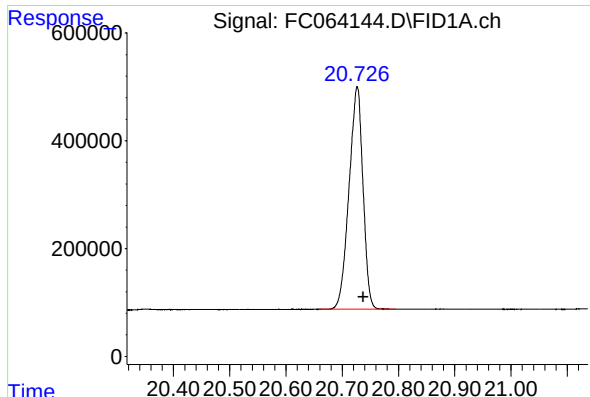
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.006 min
Response: 7553538
Conc: 49.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: -0.010 min
Response: 7292504
Conc: 49.39 ug/ml m



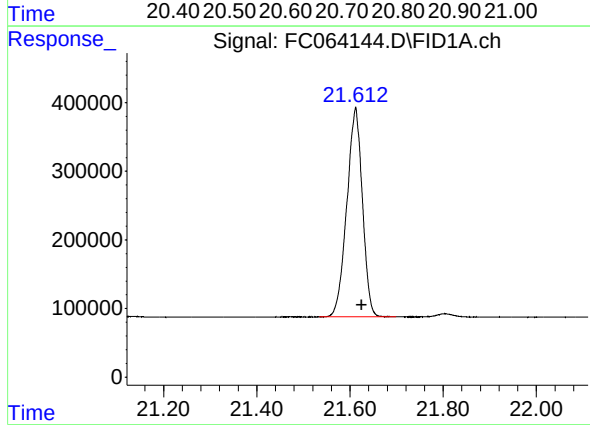
#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.011 min
Response: 7107732
Conc: 47.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.013 min
Response: 7079022
Conc: 48.57 ug/ml