

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
 Data File : FC067085.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 18:51
 Operator : YP/AJ
 Sample : P3902-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: sample.E
 Quant Time: Sep 11 02:57:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.507	3920650	28.156 ug/ml
Spiked Amount 50.000		Recovery =	56.31%
12) S 1-chlorooctadecane (S...	12.947	2939127	30.088 ug/ml
Spiked Amount 50.000		Recovery =	60.18%
Target Compounds			
1) T n-Nonane (C9)	3.288	4693471	35.383 ug/ml
2) T n-Decane (C10)	4.349	4902557	36.502 ug/ml
3) T A~Naphthalene (C11.7)	5.925	5222594	36.747 ug/ml
4) T n-Dodecane (C12)	6.362	4752910	35.508 ug/ml
5) T A~2-methylnaphthalene...	6.980	4616562	34.572 ug/ml
6) T n-Tetradecane (C14)	8.156	4825389	37.442 ug/mlm
7) T n-Hexadecane (C16)	9.755	4786320	37.125 ug/ml
8) T n-Octadecane (C18)	11.195	4716056	36.861 ug/ml
10) T n-Eicosane (C20)	12.505	4722512	39.317 ug/ml
11) T n-Heneicosane (C21)	13.116	4571969	39.146 ug/ml
13) T n-Docosane (C22)	13.702	4466276	38.682 ug/ml
14) T n-Tetracosane (C24)	14.803	4363909	38.428 ug/ml
15) T n-Hexacosane (C26)	15.825	4413350	39.821 ug/ml
16) T n-Octacosane (C28)	16.773	4366144	40.420 ug/mlm
17) T n-Tricontane (C30)	17.661	4428371	40.712 ug/ml
18) T n-Dotriacontane (C32)	18.492	4440798	42.575 ug/ml
19) T n-Tetratriacontane (C34)	19.274	4428117	47.997 ug/ml
20) T n-Hexatriacontane (C36)	20.014	4164352	52.549 ug/ml
21) T n-Octatriacontane (C38)	20.740	4309683	57.374 ug/ml
22) T n-Tetracontane (C40)	21.639	7048322	100.885 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

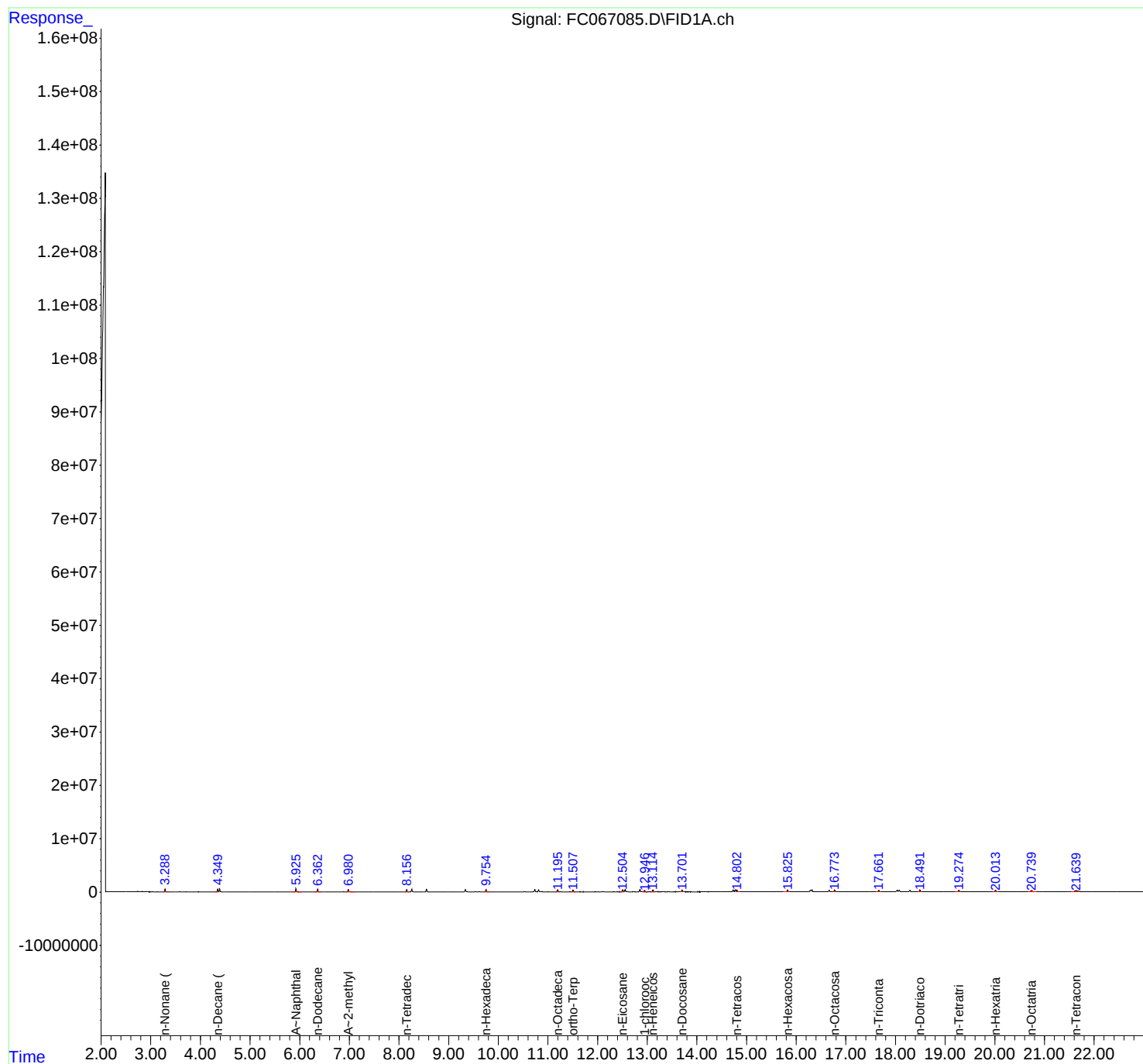
Instrument :
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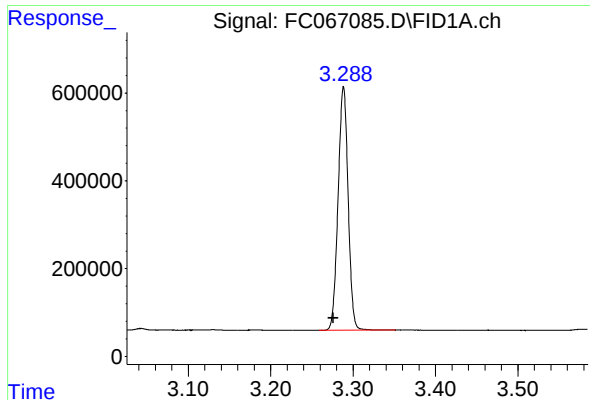
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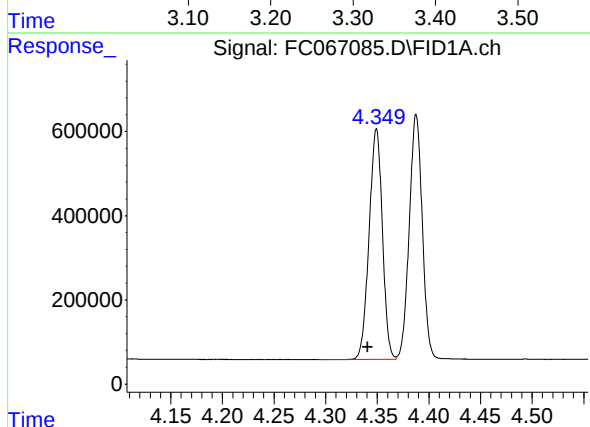
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.012 min
Response: 4693471
Conc: 35.38 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

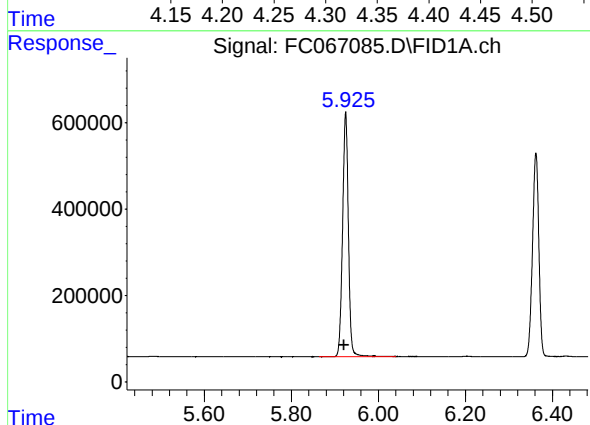
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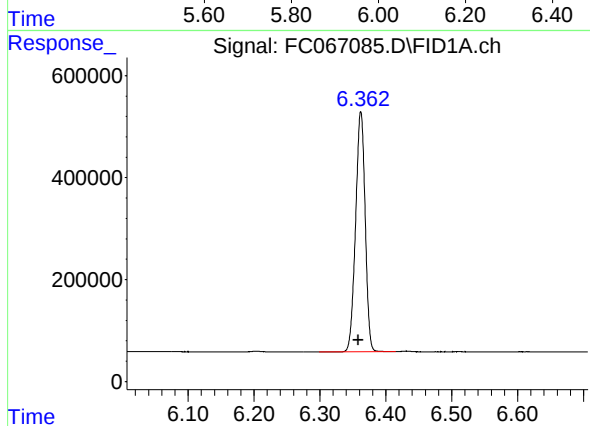
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.008 min
Response: 4902557
Conc: 36.50 ug/ml



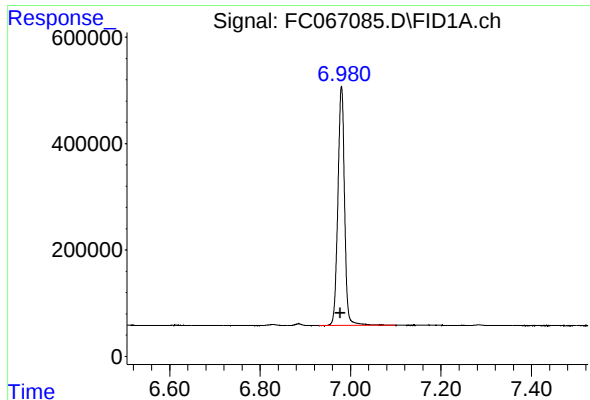
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 5222594
Conc: 36.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.004 min
Response: 4752910
Conc: 35.51 ug/ml



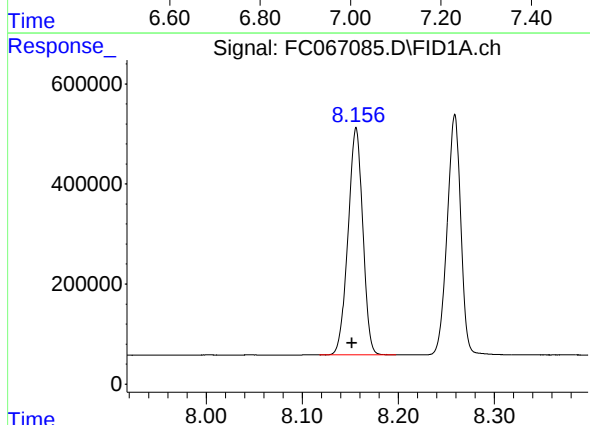
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 4616562
Conc: 34.57 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

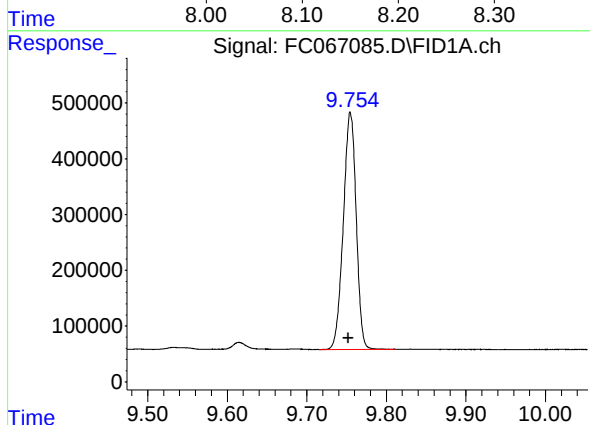
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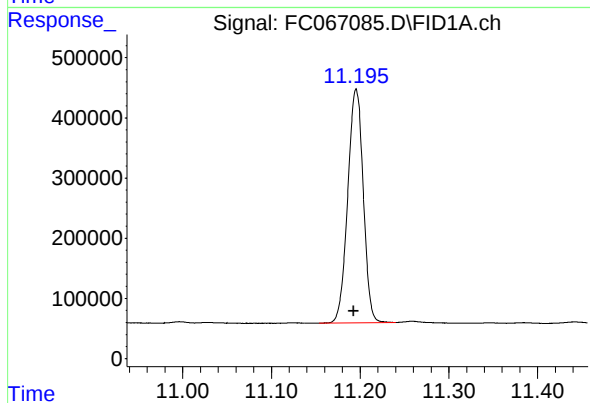
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.004 min
Response: 4825389
Conc: 37.44 ug/ml m



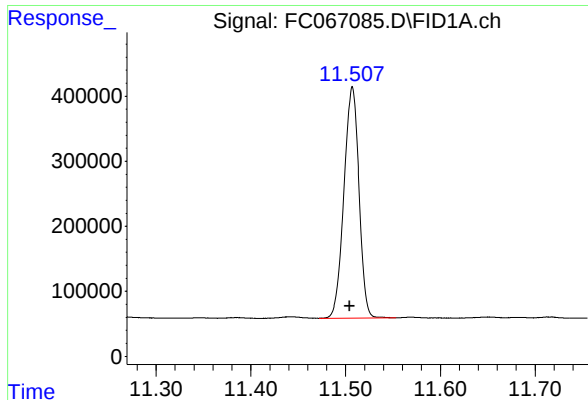
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 4786320
Conc: 37.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.195 min
Delta R.T.: 0.003 min
Response: 4716056
Conc: 36.86 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: 0.003 min
Response: 3920650
Conc: 28.16 ug/ml

Instrument :

FID_C

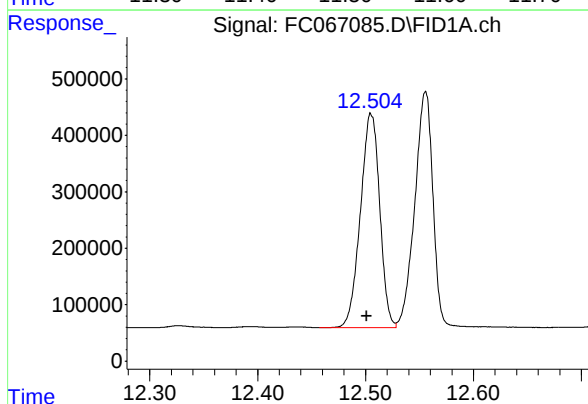
ClientSampleId :

LMS

Manual Integrations

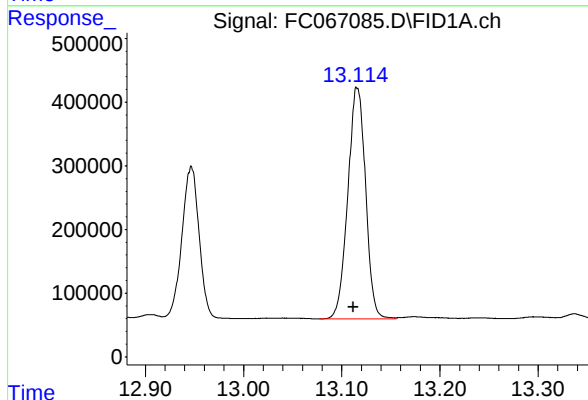
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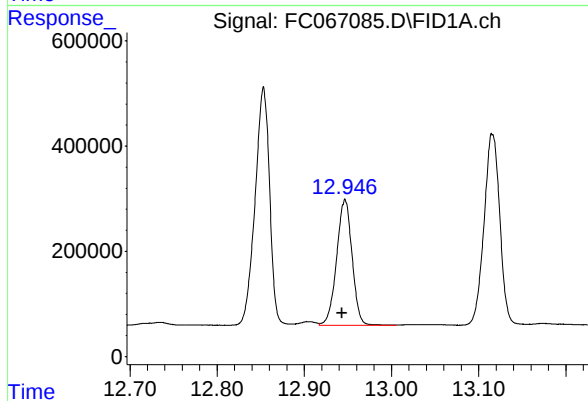
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.004 min
Response: 4722512
Conc: 39.32 ug/ml



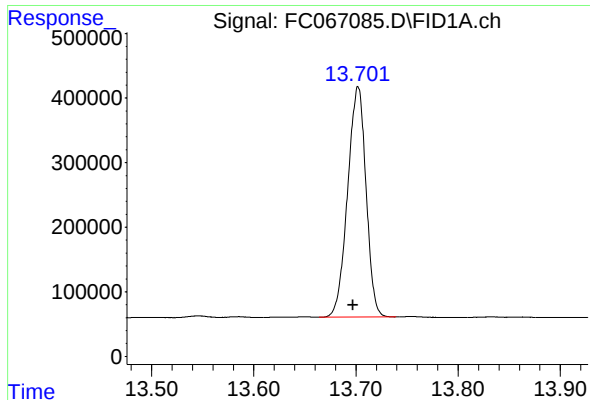
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.004 min
Response: 4571969
Conc: 39.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.947 min
Delta R.T.: 0.003 min
Response: 2939127
Conc: 30.09 ug/ml



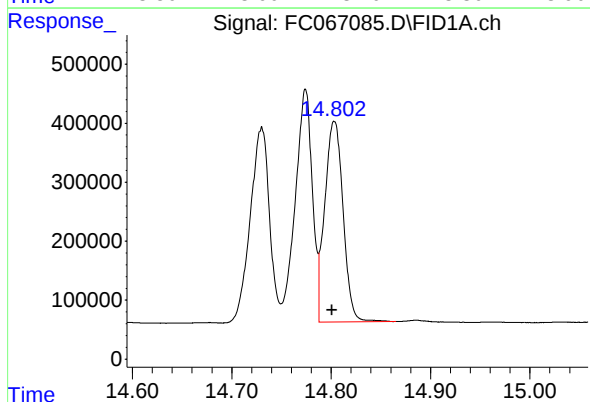
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: 0.005 min
Response: 4466276
Conc: 38.68 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

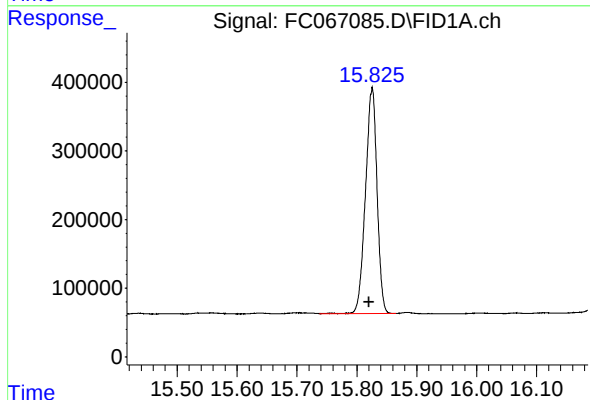
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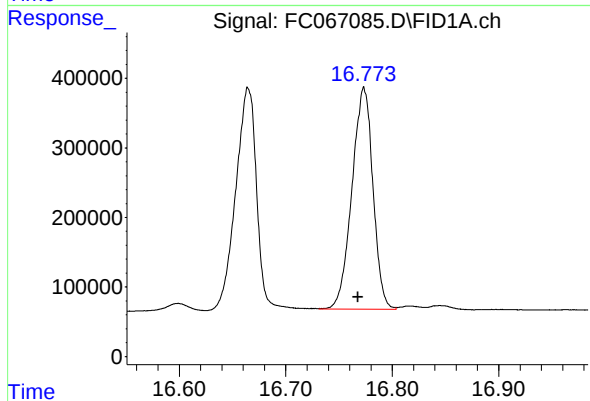
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.002 min
Response: 4363909
Conc: 38.43 ug/ml



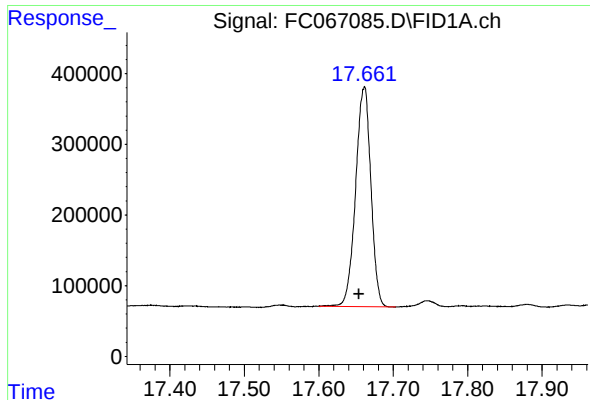
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.005 min
Response: 4413350
Conc: 39.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.005 min
Response: 4366144
Conc: 40.42 ug/ml m



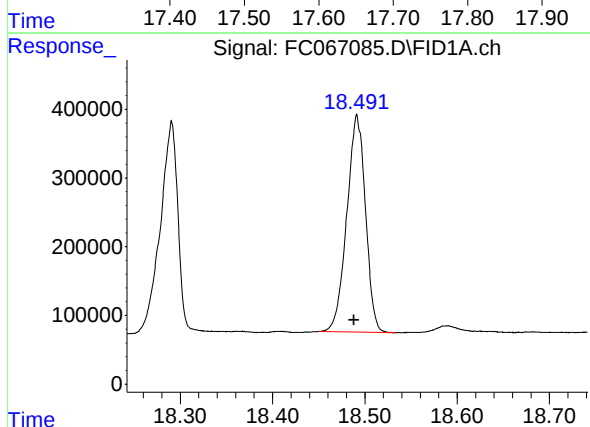
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: 0.006 min
Response: 4428371
Conc: 40.71 ug/ml

Instrument :
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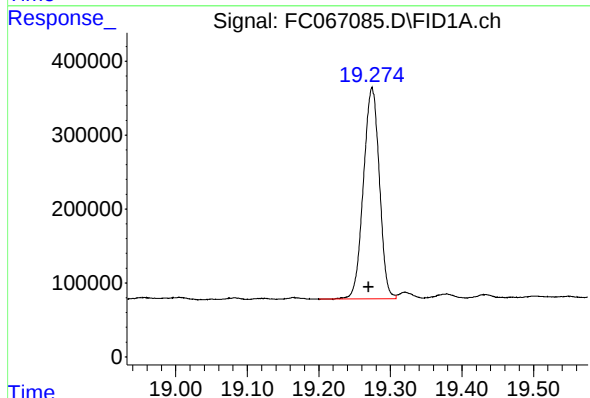
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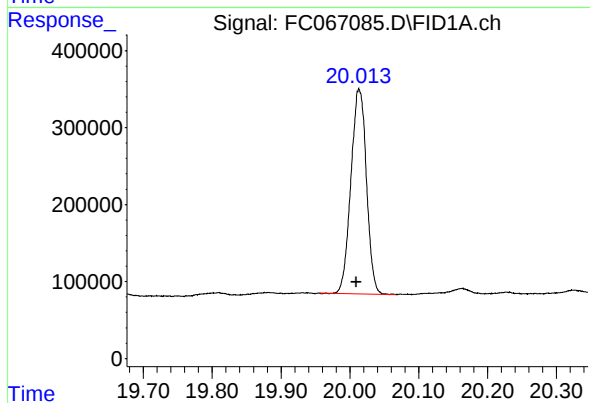
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.003 min
Response: 4440798
Conc: 42.57 ug/ml



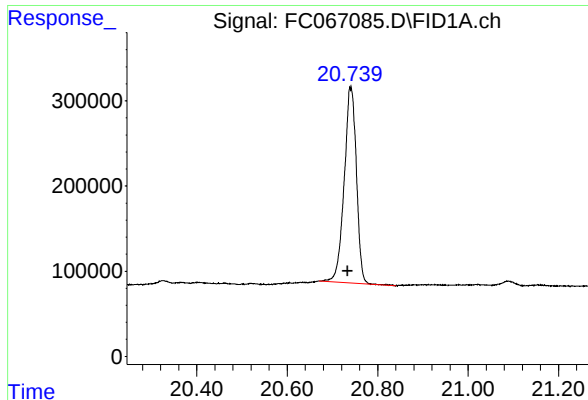
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.005 min
Response: 4428117
Conc: 48.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: 0.005 min
Response: 4164352
Conc: 52.55 ug/ml



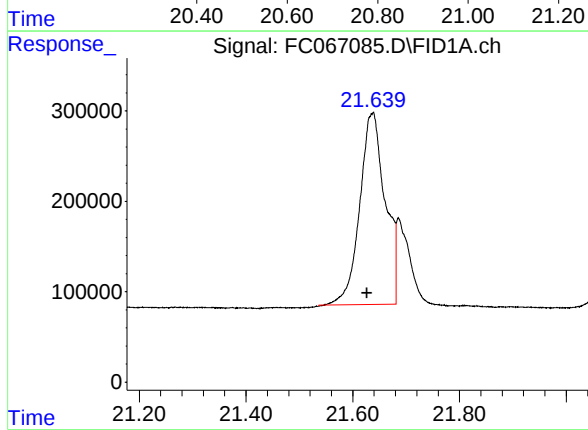
#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: 0.007 min
Response: 4309683
Conc: 57.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.639 min
Delta R.T.: 0.012 min
Response: 7048322
Conc: 100.89 ug/ml m