

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120224AL\
 Data File : FC067894.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2024 19:08
 Operator : YP/AJ
 Sample : P5048-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-746-WCMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :Ankita Jodhani 12/03/2024

Integration File: autoint1.e
 Quant Time: Dec 03 00:01:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.506	5325548	27.469 ug/ml
Spiked Amount 50.000		Recovery =	54.94%
12) S 1-chlorooctadecane (S...	12.942	4252178	29.293 ug/ml
Spiked Amount 50.000		Recovery =	58.59%
Target Compounds			
1) T n-Nonane (C9)	3.294	4358947	26.723 ug/ml
2) T n-Decane (C10)	4.357	4860522	29.310 ug/ml
3) T A~Naphthalene (C11.7)	5.932	5672973	30.973 ug/ml
4) T n-Dodecane (C12)	6.367	5280488	31.352 ug/ml
5) T A~2-methylnaphthalene...	6.986	5391966	30.402 ug/ml
6) T n-Tetradecane (C14)	8.159	5656146	33.774 ug/ml
7) T n-Hexadecane (C16)	9.755	5986514	34.545 ug/ml
8) T n-Octadecane (C18)	11.194	6065714	34.476 ug/ml
10) T n-Eicosane (C20)	12.501	6033645	35.832 ug/ml
11) T n-Heneicosane (C21)	13.110	5707730	34.689 ug/ml
13) T n-Docosane (C22)	13.696	5608828	34.441 ug/ml
14) T n-Tetracosane (C24)	14.769	10993078	68.543 ug/mlm
15) T n-Hexacosane (C26)	15.817	5240819	33.842 ug/ml
16) T n-Octacosane (C28)	16.763	5082360	33.653 ug/ml
17) T n-Tricontane (C30)	17.649	5138360	33.560 ug/ml
18) T n-Dotriacontane (C32)	18.479	4995175	33.822 ug/ml
19) T n-Tetratriacontane (C34)	19.261	4910551	38.932 ug/ml
20) T n-Hexatriacontane (C36)	20.000	4575574	43.749 ug/mlm
21) T n-Octatriacontane (C38)	20.722	4455033	45.607 ug/mlm
22) T n-Tetracontane (C40)	21.612	4140497	42.481 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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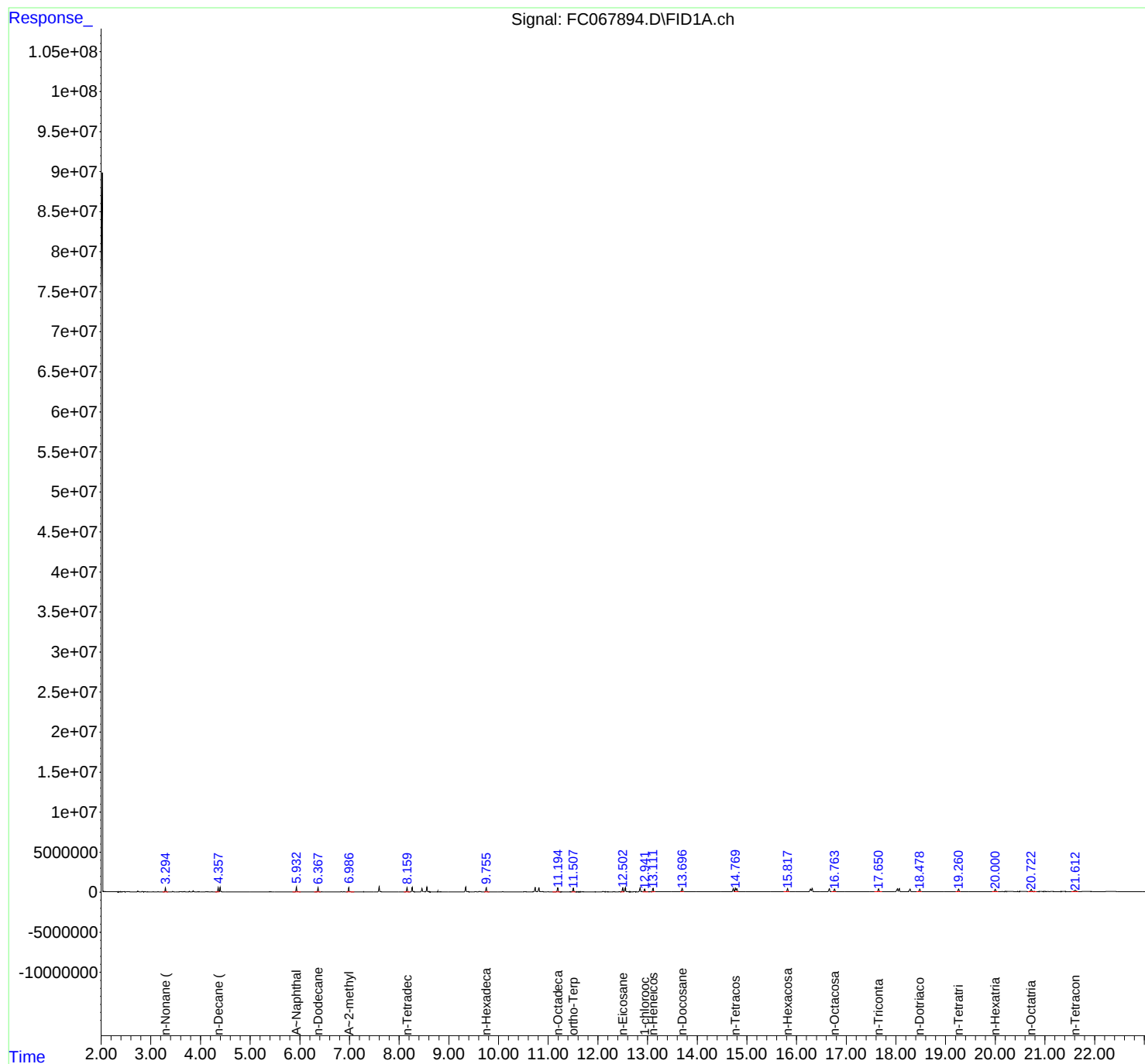
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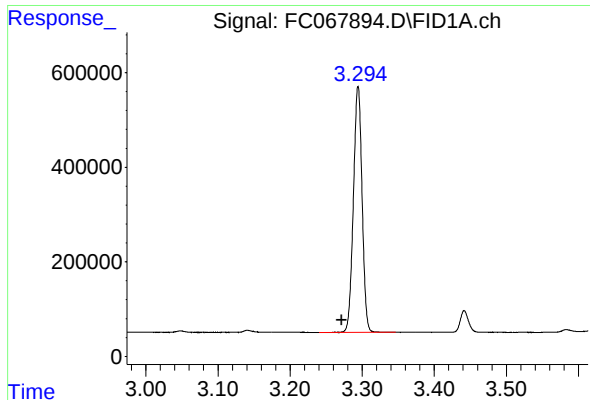
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#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: 0.022 min
Response: 4358947
Conc: 26.72 ug/ml

Instrument :

FID_C

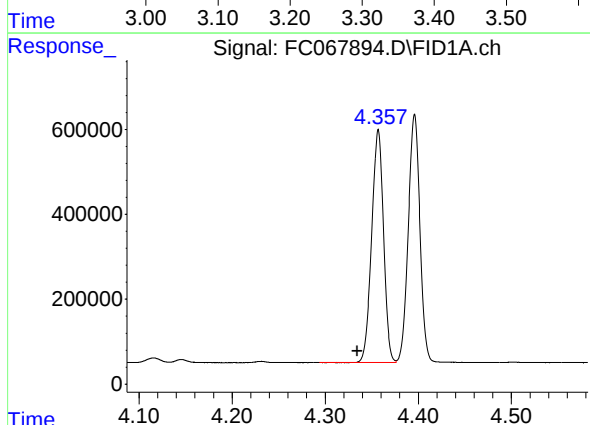
ClientSampleId :

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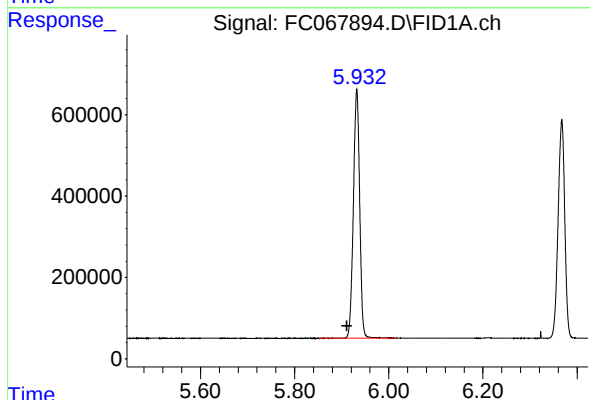
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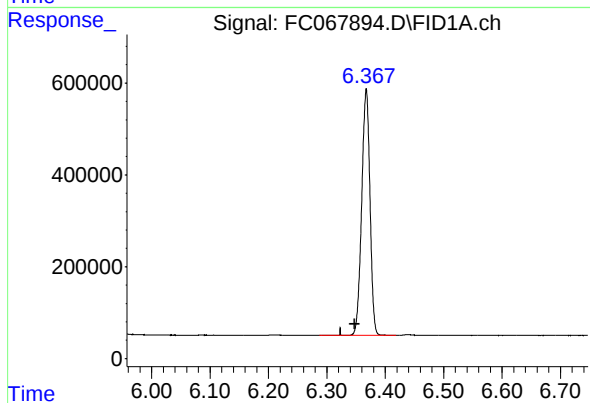
#2 n-Decane (C10)

R.T.: 4.357 min
Delta R.T.: 0.023 min
Response: 4860522
Conc: 29.31 ug/ml



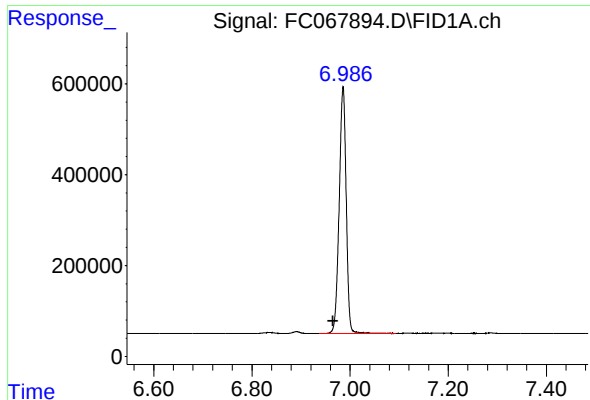
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: 0.021 min
Response: 5672973
Conc: 30.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: 0.020 min
Response: 5280488
Conc: 31.35 ug/ml



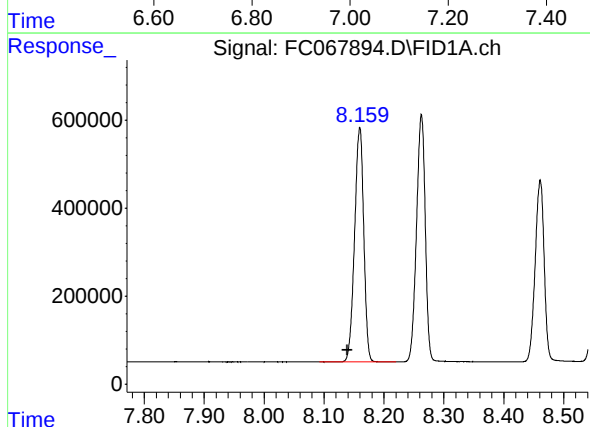
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: 0.021 min
Response: 5391966
Conc: 30.40 ug/ml

Instrument :
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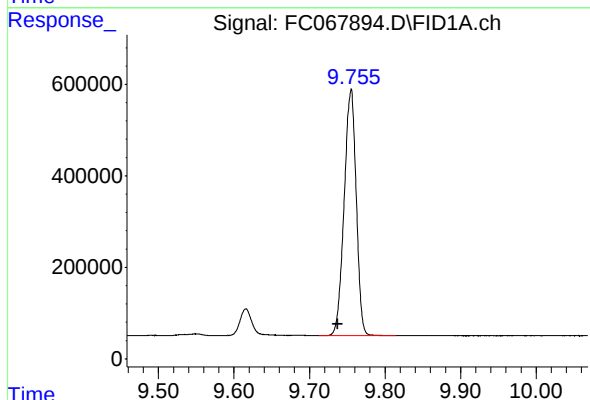
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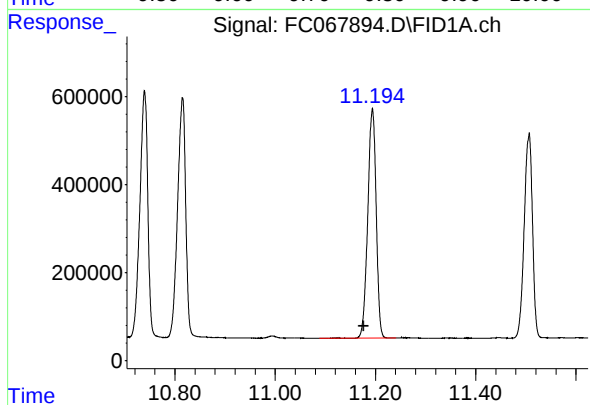
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: 0.020 min
Response: 5656146
Conc: 33.77 ug/ml



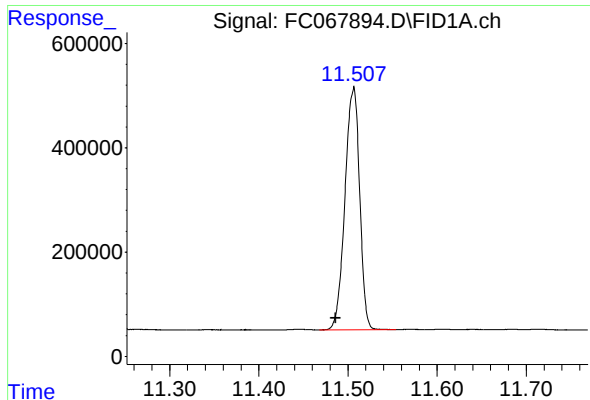
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.017 min
Response: 5986514
Conc: 34.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.018 min
Response: 6065714
Conc: 34.48 ug/ml



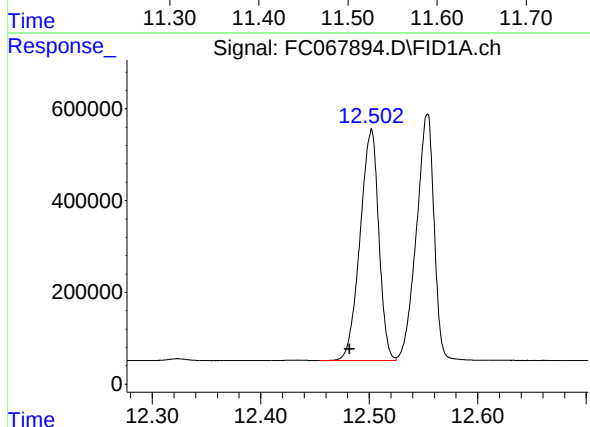
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.020 min
Response: 5325548
Conc: 27.47 ug/ml

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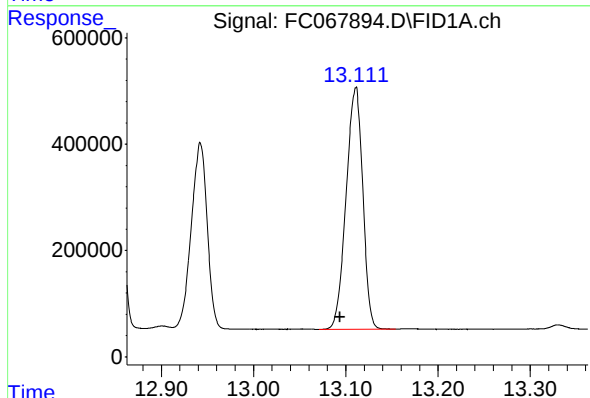
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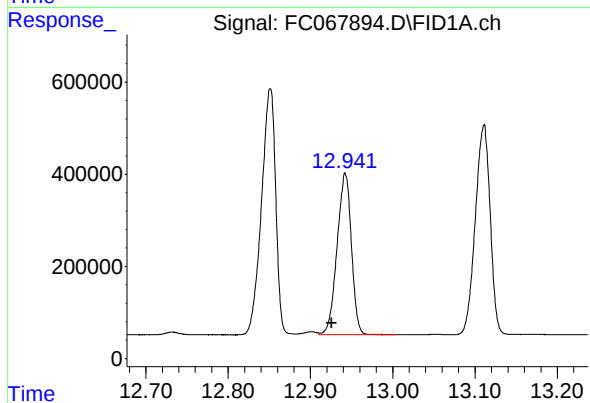
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.019 min
Response: 6033645
Conc: 35.83 ug/ml



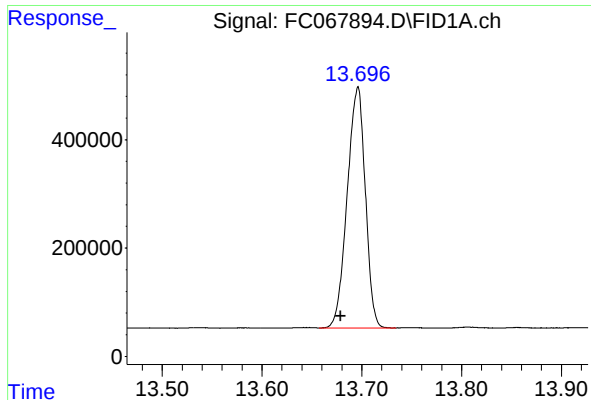
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.017 min
Response: 5707730
Conc: 34.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: 0.016 min
Response: 4252178
Conc: 29.29 ug/ml



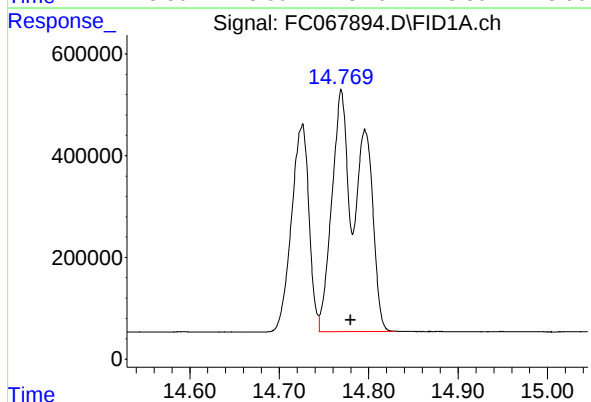
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: 0.017 min
Response: 5608828
Conc: 34.44 ug/ml

Instrument :
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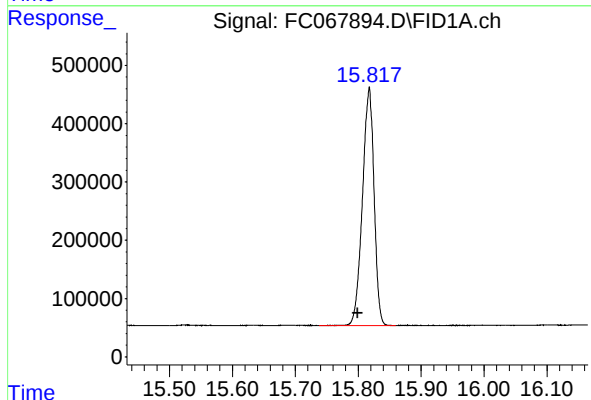
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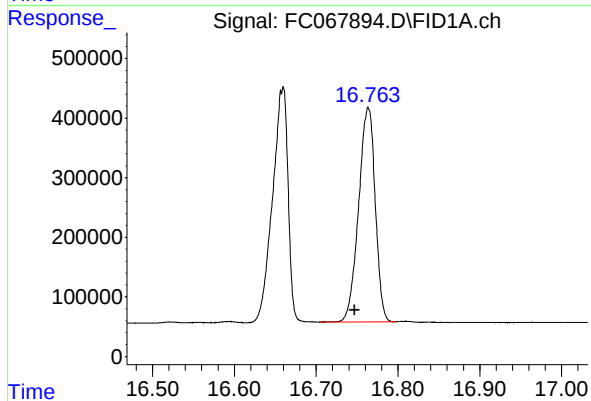
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: -0.011 min
Response: 10993078
Conc: 68.54 ug/ml



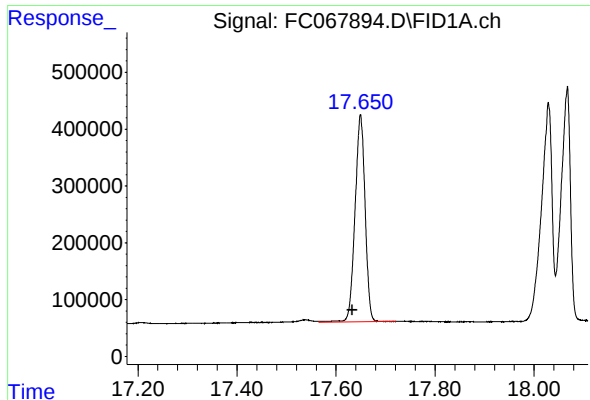
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.018 min
Response: 5240819
Conc: 33.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.017 min
Response: 5082360
Conc: 33.65 ug/ml



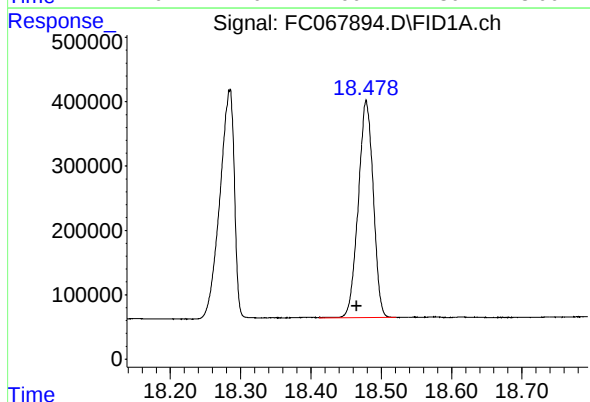
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.016 min
Response: 5138360
Conc: 33.56 ug/ml

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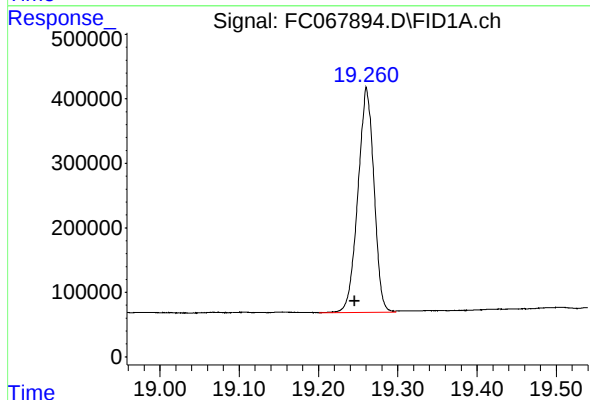
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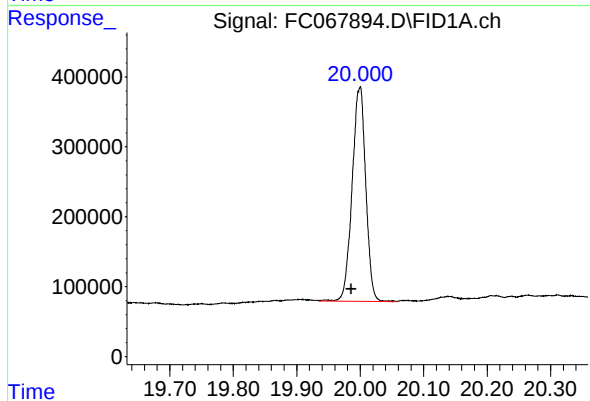
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.014 min
Response: 4995175
Conc: 33.82 ug/ml



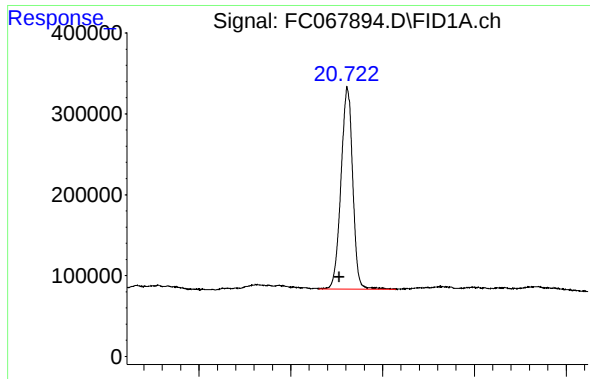
#19 n-Tetatriacontane (C34)

R.T.: 19.261 min
Delta R.T.: 0.015 min
Response: 4910551
Conc: 38.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.014 min
Response: 4575574
Conc: 43.75 ug/ml m



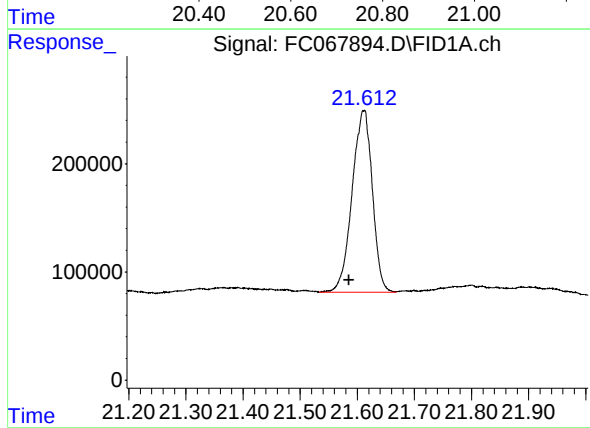
#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.017 min
Response: 4455033
Conc: 45.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: 0.027 min
Response: 4140497
Conc: 42.48 ug/ml m