

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021725AL\
 Data File : FC068278.D
 Signal(s) : FID1A.ch
 Acq On : 17 Feb 2025 16:44
 Operator : YP/AJ
 Sample : Q1374-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-05-02142025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2025
 Supervised By :Ankita Jodhani 02/18/2025

Integration File: autoint1.e
 Quant Time: Feb 18 02:06:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 2025
 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)	11.405	4725221	30.238 ug/ml
Spiked Amount 50.000		Recovery =	60.48%
12) S 1-chlorooctadecane (S...	12.848	3204386	27.864 ug/ml
Spiked Amount 50.000		Recovery =	55.73%
Target Compounds			
1) T n-Nonane (C9)	3.210	4293496	31.355 ug/ml
2) T n-Decane (C10)	4.267	5020407	36.162 ug/ml
3) T A~Naphthalene (C11.7)	5.835	6085567	40.536 ug/ml
4) T n-Dodecane (C12)	6.277	6674113	47.775 ug/ml
5) T A~2-methylnaphthalene...	6.888	6543335	45.556 ug/mlm
6) T n-Tetradecane (C14)	8.069	7753314	56.810 ug/mlm
7) T n-Hexadecane (C16)	9.665	8945216	64.378 ug/mlm
8) T n-Octadecane (C18)	11.103	8289250	59.244 ug/mlm
10) T n-Eicosane (C20)	12.410	7605353	56.840 ug/ml
11) T n-Heneicosane (C21)	13.019	6583808	50.128 ug/ml
13) T n-Docosane (C22)	13.604	6098818	47.083 ug/ml
14) T n-Tetracosane (C24)	14.665	11073339	86.250 ug/mlm
15) T n-Hexacosane (C26)	15.722	5147231	40.904 ug/mlm
16) T n-Octacosane (C28)	16.671	5161383	41.267 ug/ml
17) T n-Tricontane (C30)	17.560	5232578	40.483 ug/ml
18) T n-Dotriacontane (C32)	18.390	5115028	40.916 ug/mlm
19) T n-Tetratriacontane (C34)	19.174	5120842	47.207 ug/ml
20) T n-Hexatriacontane (C36)	19.914	4791795	51.779 ug/ml
21) T n-Octatriacontane (C38)	20.627	4654704	54.321 ug/ml
22) T n-Tetracontane (C40)	21.488	4791191	59.253 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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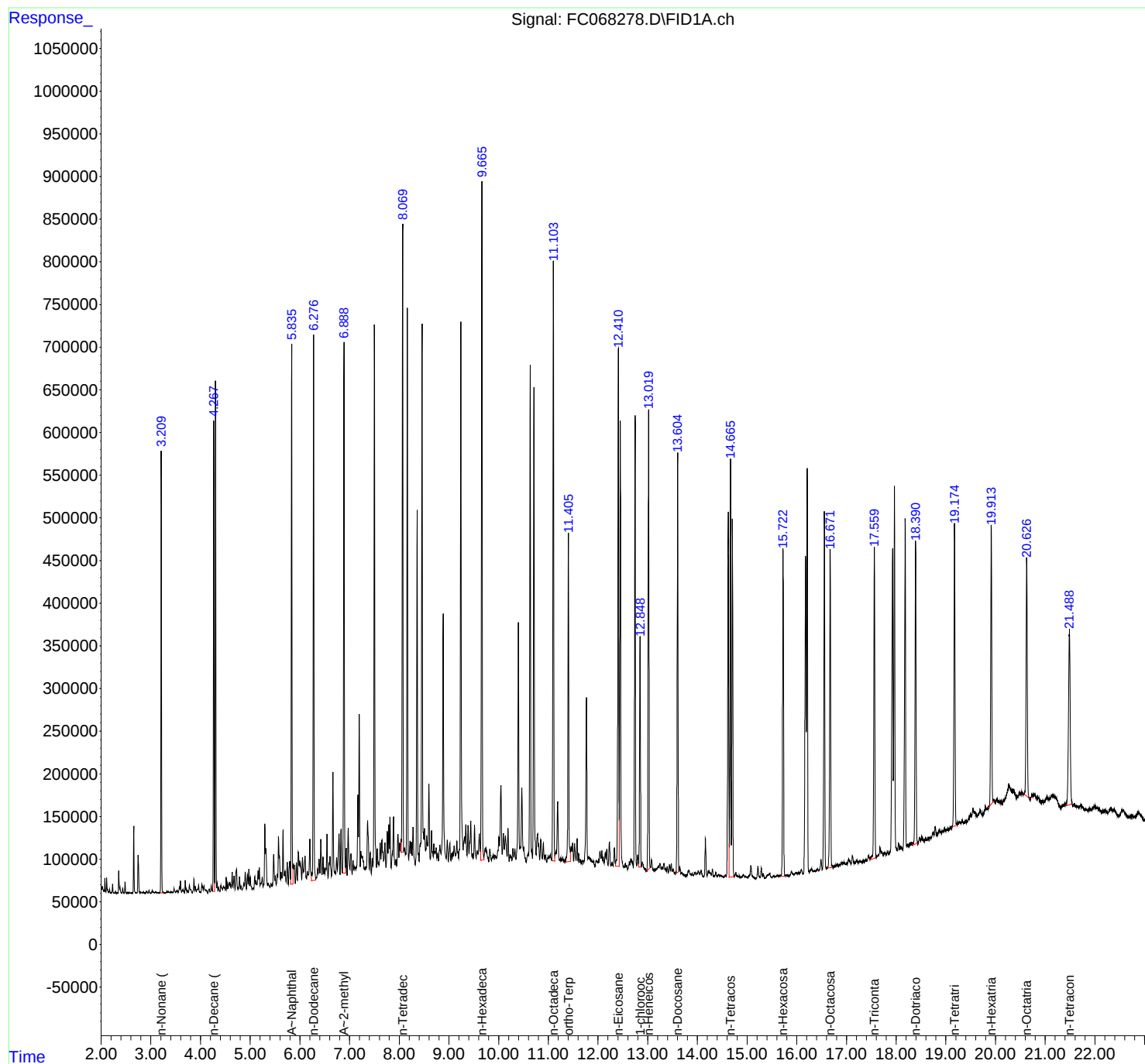
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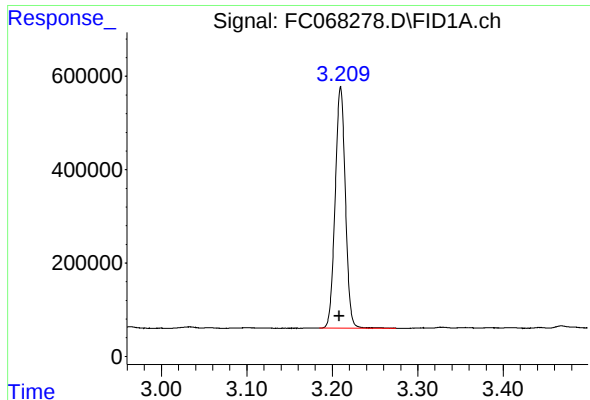
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#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: 0.002 min
Response: 4293496
Conc: 31.35 ug/ml

Instrument :

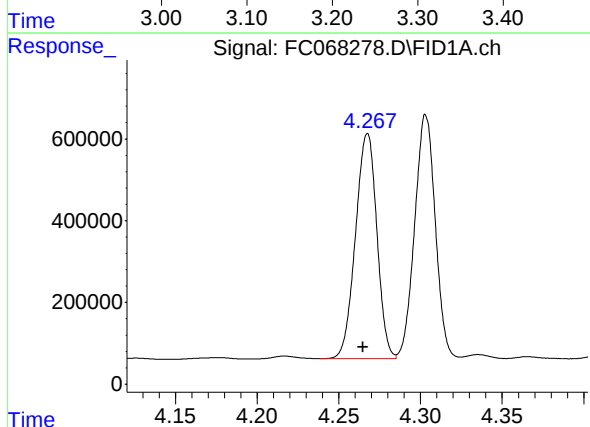
FID_C

ClientSampleId :

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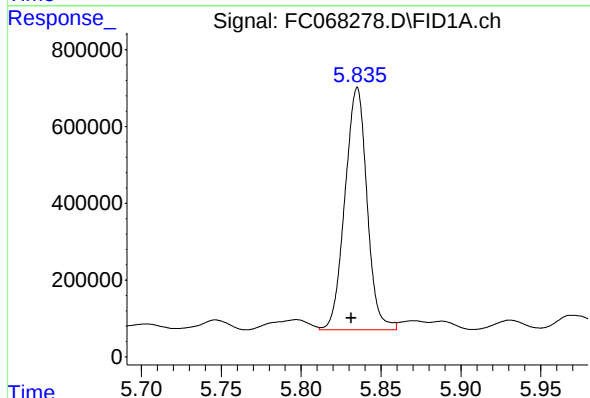
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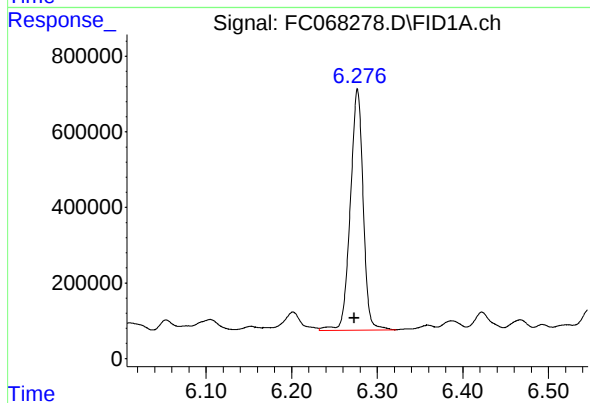
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: 0.003 min
Response: 5020407
Conc: 36.16 ug/ml



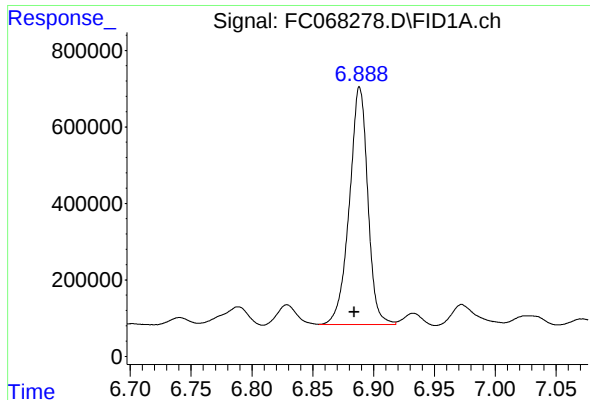
#3 A~Naphthalene (C11.7)

R.T.: 5.835 min
Delta R.T.: 0.003 min
Response: 6085567
Conc: 40.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.277 min
Delta R.T.: 0.004 min
Response: 6674113
Conc: 47.78 ug/ml



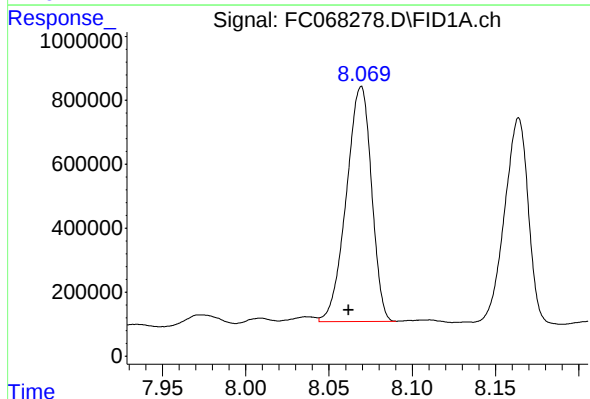
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: 0.004 min
Response: 6543335
Conc: 45.56 ug/ml

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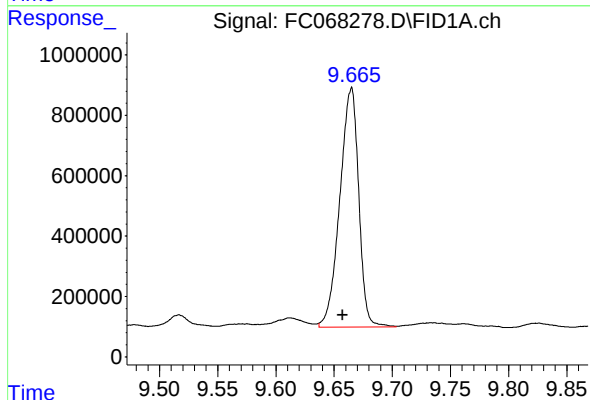
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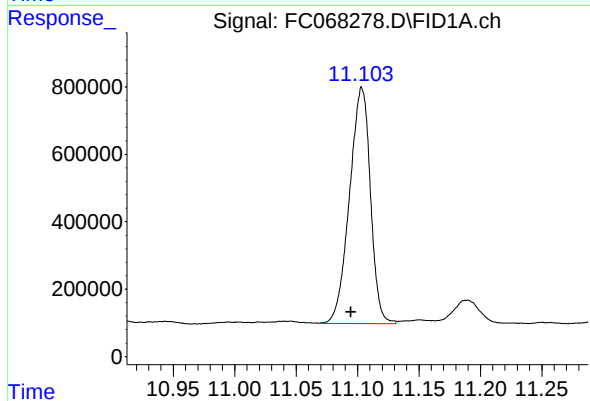
#6 n-Tetradecane (C14)

R.T.: 8.069 min
Delta R.T.: 0.008 min
Response: 7753314
Conc: 56.81 ug/ml m



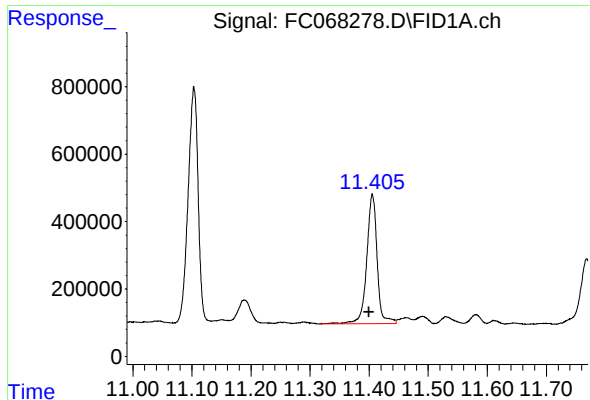
#7 n-Hexadecane (C16)

R.T.: 9.665 min
Delta R.T.: 0.008 min
Response: 8945216
Conc: 64.38 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.103 min
Delta R.T.: 0.008 min
Response: 8289250
Conc: 59.24 ug/ml m



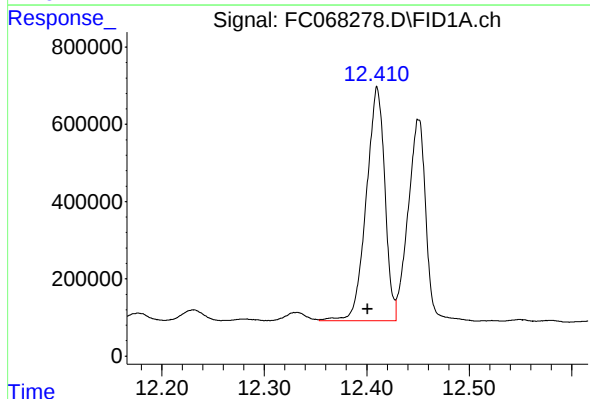
#9 ortho-Terphenyl (SURR)

R.T.: 11.405 min
Delta R.T.: 0.006 min
Response: 4725221
Conc: 30.24 ug/ml

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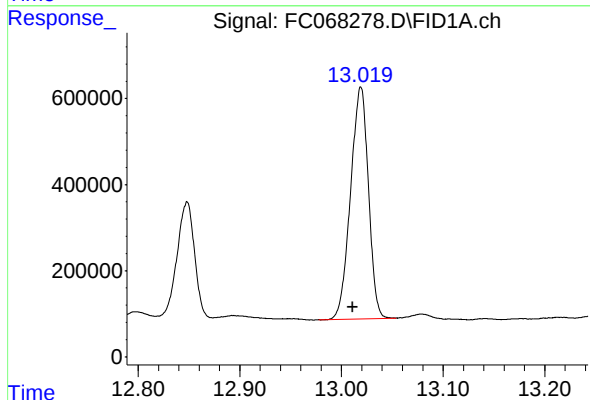
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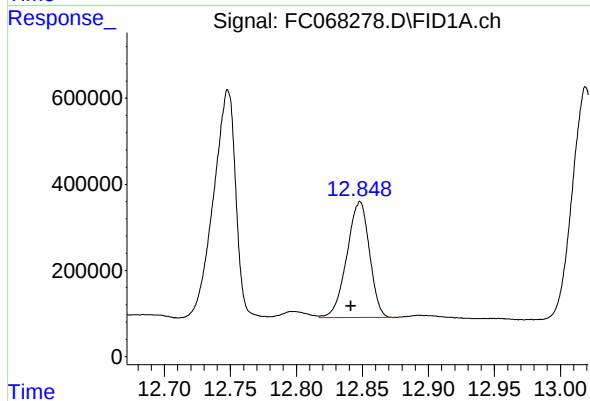
#10 n-Eicosane (C20)

R.T.: 12.410 min
Delta R.T.: 0.009 min
Response: 7605353
Conc: 56.84 ug/ml



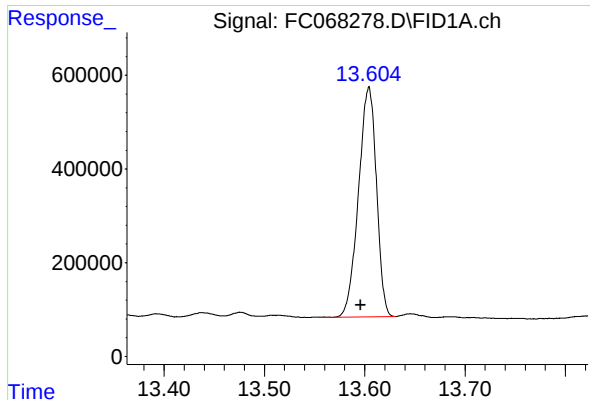
#11 n-Heneicosane (C21)

R.T.: 13.019 min
Delta R.T.: 0.008 min
Response: 6583808
Conc: 50.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.848 min
Delta R.T.: 0.006 min
Response: 3204386
Conc: 27.86 ug/ml



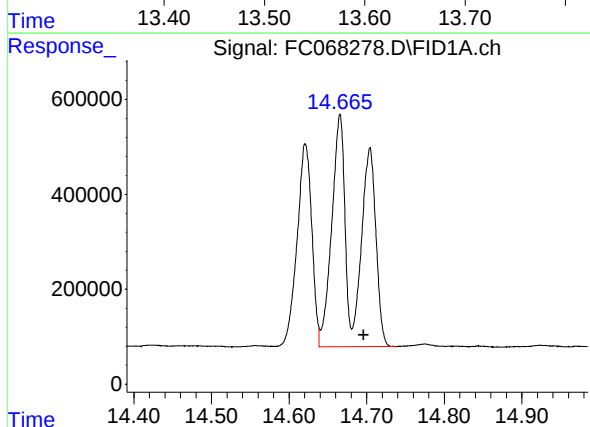
#13 n-Docosane (C22)

R.T.: 13.604 min
Delta R.T.: 0.008 min
Response: 6098818
Conc: 47.08 ug/ml

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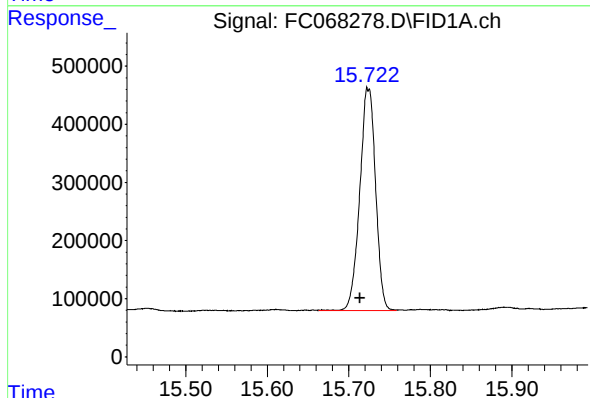
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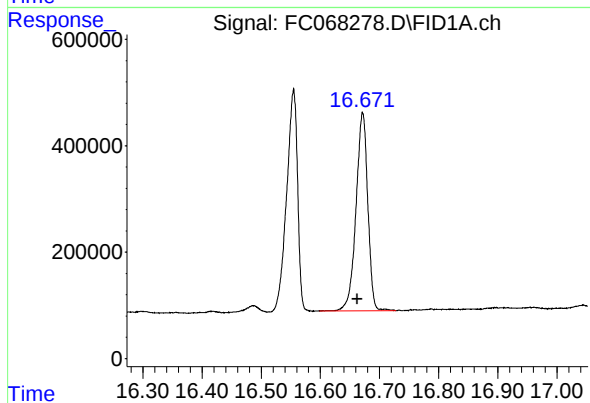
#14 n-Tetracosane (C24)

R.T.: 14.665 min
Delta R.T.: -0.031 min
Response: 11073339
Conc: 86.25 ug/ml m



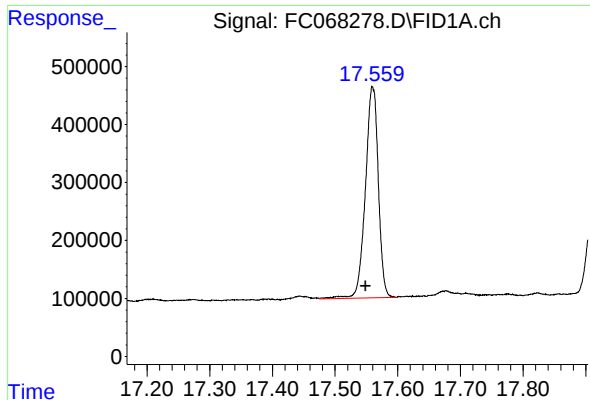
#15 n-Hexacosane (C26)

R.T.: 15.722 min
Delta R.T.: 0.008 min
Response: 5147231
Conc: 40.90 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.671 min
Delta R.T.: 0.009 min
Response: 5161383
Conc: 41.27 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.560 min
Delta R.T.: 0.011 min
Response: 5232578
Conc: 40.48 ug/ml

Instrument :

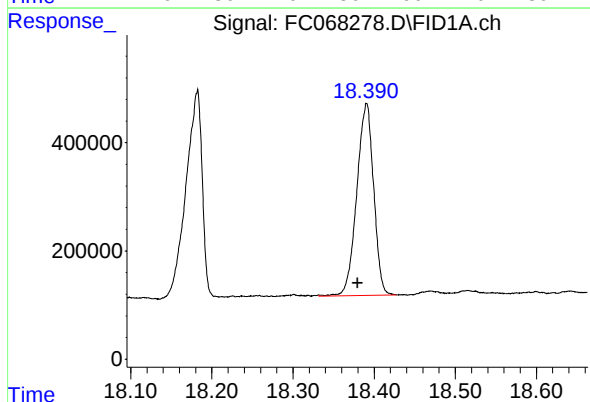
FID_C

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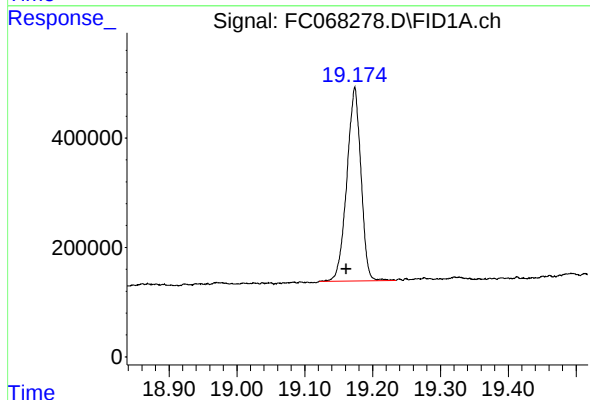
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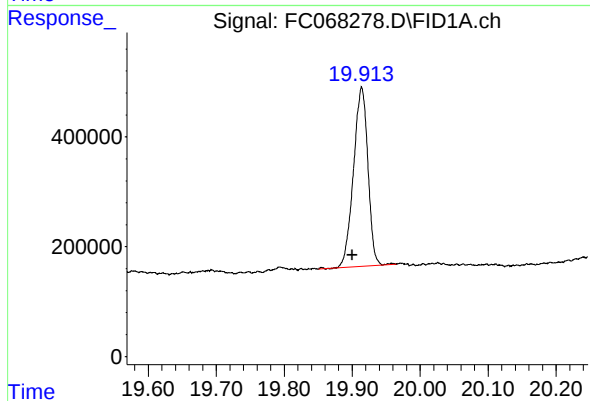
#18 n-Dotriacontane (C32)

R.T.: 18.390 min
Delta R.T.: 0.010 min
Response: 5115028
Conc: 40.92 ug/ml m



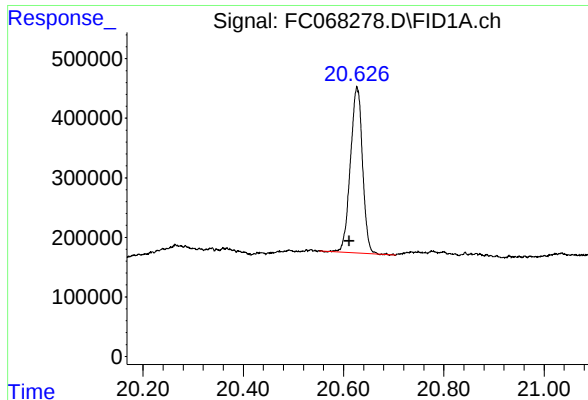
#19 n-Tetratriacontane (C34)

R.T.: 19.174 min
Delta R.T.: 0.012 min
Response: 5120842
Conc: 47.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.914 min
Delta R.T.: 0.014 min
Response: 4791795
Conc: 51.78 ug/ml



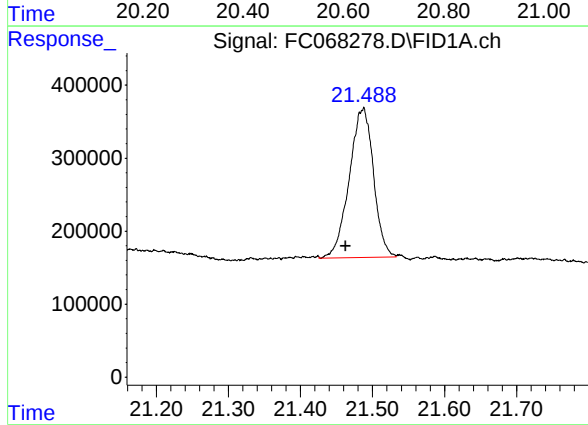
#21 n-Octatriacontane (C38)

R.T.: 20.627 min
Delta R.T.: 0.016 min
Response: 4654704
Conc: 54.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.488 min
Delta R.T.: 0.025 min
Response: 4791191
Conc: 59.25 ug/ml m