

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020325AL\
 Data File : FC068176.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2025 11:57
 Operator : YP/AJ
 Sample : PB166432BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166432BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/04/2025

Supervised By :Ankita Jodhani 02/04/2025

Integration File: autoint1.e

Quant Time: Feb 04 03:22:43 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 04:31:18 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)	11.420	6150455	39.359 ug/ml
Spiked Amount 50.000		Recovery =	78.72%
12) S 1-chlorooctadecane (S...	12.859	4826128	41.965 ug/ml
Spiked Amount 50.000		Recovery =	83.93%
Target Compounds			
1) T n-Nonane (C9)	3.251	7569990	55.282 ug/ml
2) T n-Decane (C10)	4.298	8127719	58.543 ug/ml
3) T A~Naphthalene (C11.7)	5.858	9559055	63.674 ug/ml
4) T n-Dodecane (C12)	6.297	8337240	59.680 ug/ml
5) T A~2-methylnaphthalene...	6.908	8747146	60.899 ug/ml
6) T n-Tetradecane (C14)	8.085	8449064	61.908 ug/ml
7) T n-Hexadecane (C16)	9.678	8261645	59.458 ug/ml
8) T n-Octadecane (C18)	11.116	8127237	58.087 ug/ml
10) T n-Eicosane (C20)	12.421	8290235	61.959 ug/ml
11) T n-Heneicosane (C21)	13.030	7812363	59.482 ug/ml
13) T n-Docosane (C22)	13.615	7675722	59.256 ug/ml
14) T n-Tetracosane (C24)	14.680	15489379	120.647 ug/mlm
15) T n-Hexacosane (C26)	15.735	7250844	57.621 ug/ml
16) T n-Octacosane (C28)	16.680	7066342	56.498 ug/ml
17) T n-Tricontane (C30)	17.569	6958651	53.837 ug/ml
18) T n-Dotriacontane (C32)	18.396	6410976	51.283 ug/ml
19) T n-Tetratriacontane (C34)	19.177	5293774	48.802 ug/ml
20) T n-Hexatriacontane (C36)	19.915	3585377	38.743 ug/ml
21) T n-Octatriacontane (C38)	20.625	2263588	26.417 ug/ml
22) T n-Tetracontane (C40)	21.482	1649289	20.397 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB166432BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

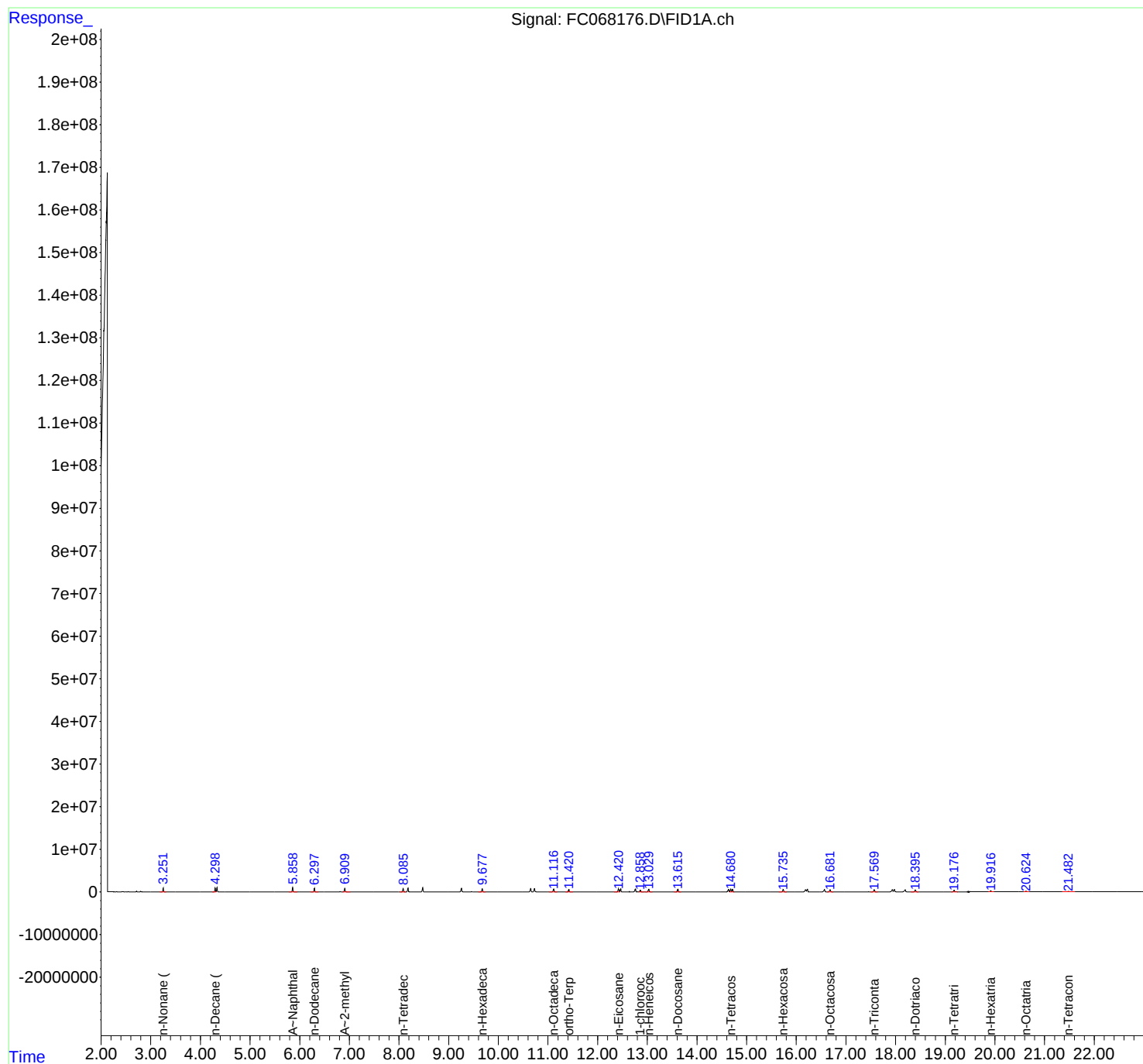
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PB166432BS

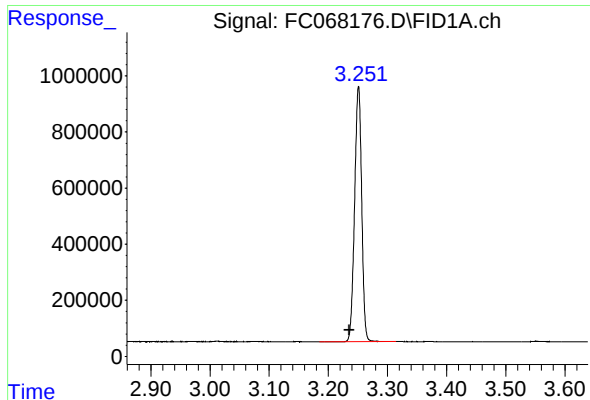
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: 0.015 min
Response: 7569990
Conc: 55.28 ug/ml

Instrument :

FID_C

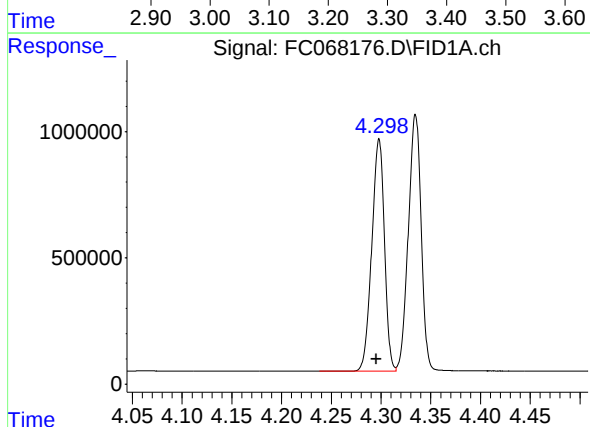
ClientSampleId :

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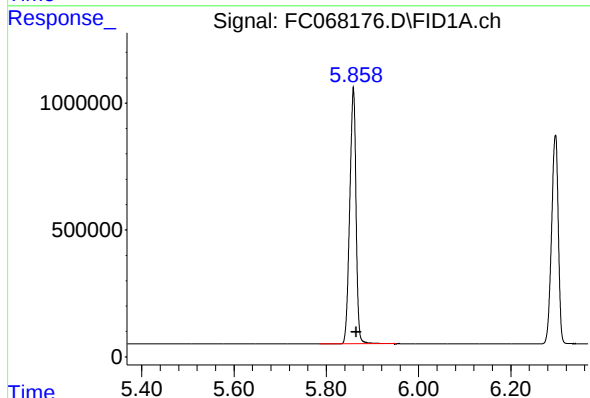
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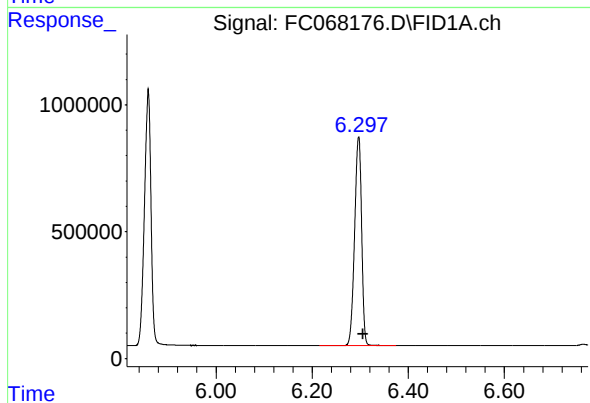
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: 0.002 min
Response: 8127719
Conc: 58.54 ug/ml



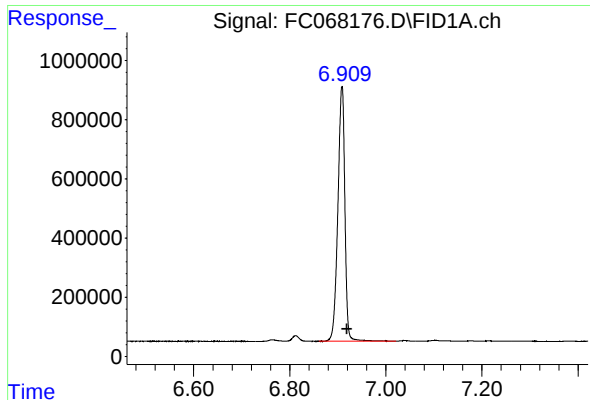
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: -0.007 min
Response: 9559055
Conc: 63.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: -0.009 min
Response: 8337240
Conc: 59.68 ug/ml



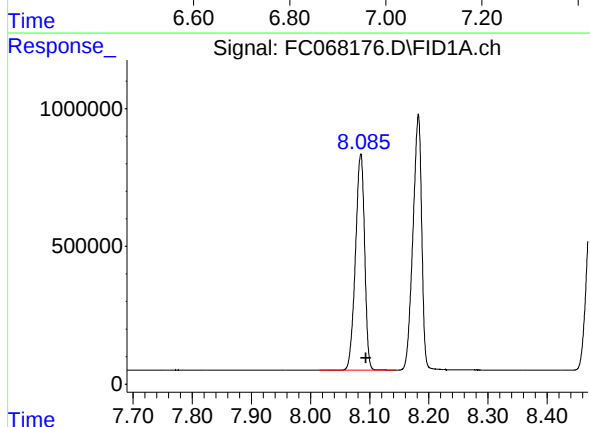
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.011 min
Response: 8747146
Conc: 60.90 ug/ml

Instrument :
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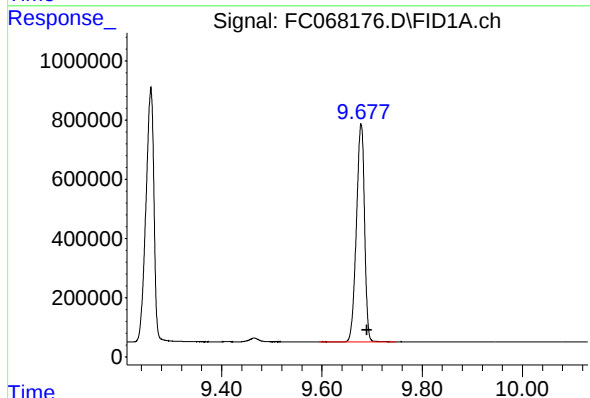
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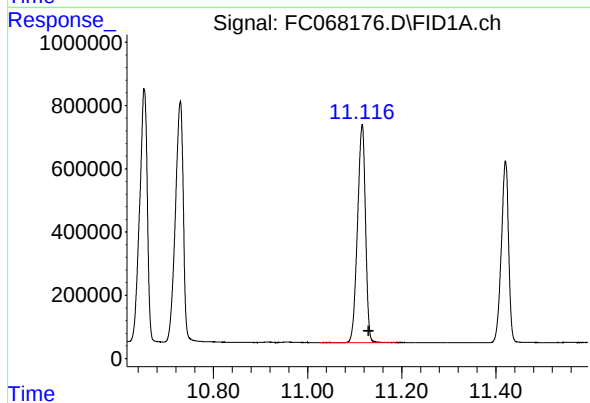
#6 n-Tetradecane (C14)

R.T.: 8.085 min
Delta R.T.: -0.009 min
Response: 8449064
Conc: 61.91 ug/ml



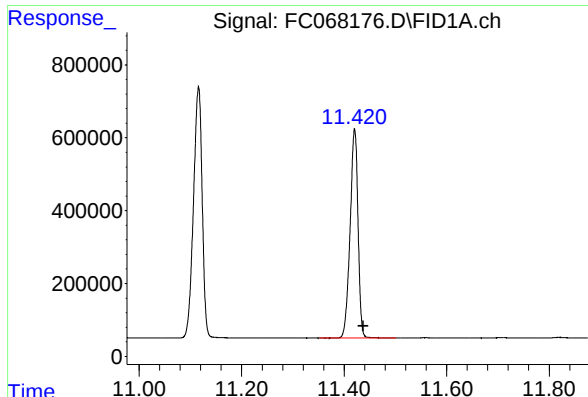
#7 n-Hexadecane (C16)

R.T.: 9.678 min
Delta R.T.: -0.012 min
Response: 8261645
Conc: 59.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.116 min
Delta R.T.: -0.014 min
Response: 8127237
Conc: 58.09 ug/ml



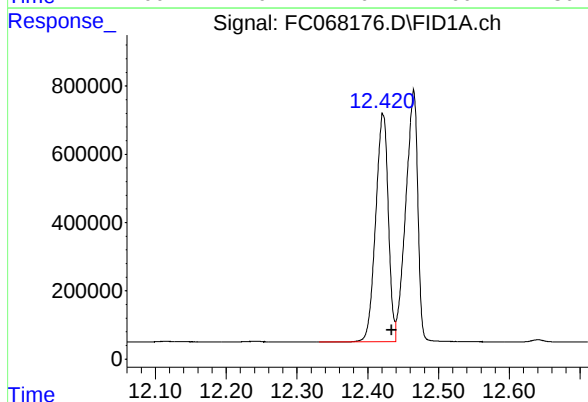
#9 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: -0.017 min
Response: 6150455
Conc: 39.36 ug/ml

Instrument :
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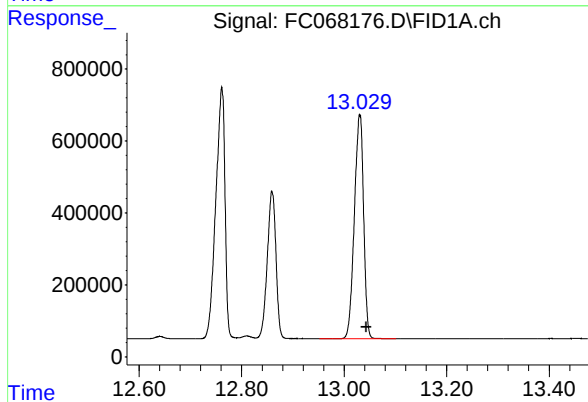
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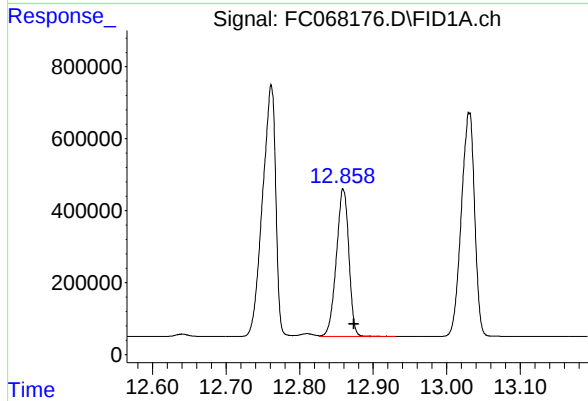
#10 n-Eicosane (C20)

R.T.: 12.421 min
Delta R.T.: -0.012 min
Response: 8290235
Conc: 61.96 ug/ml



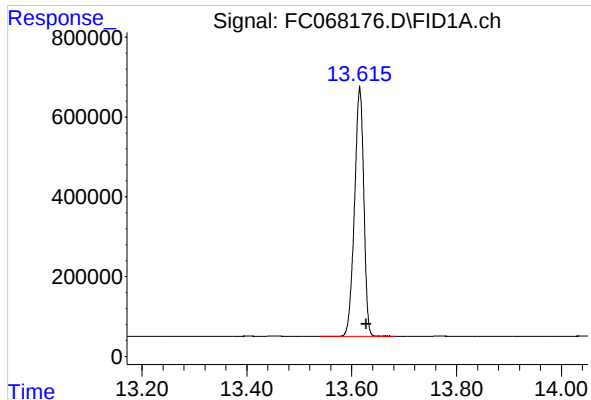
#11 n-Heneicosane (C21)

R.T.: 13.030 min
Delta R.T.: -0.013 min
Response: 7812363
Conc: 59.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.859 min
Delta R.T.: -0.014 min
Response: 4826128
Conc: 41.97 ug/ml



#13 n-Docosane (C22)

R.T.: 13.615 min
Delta R.T.: -0.013 min
Response: 7675722
Conc: 59.26 ug/ml

Instrument :

FID_C

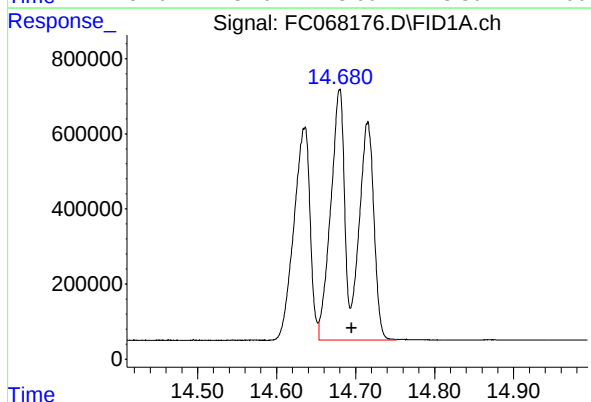
ClientSampleId :

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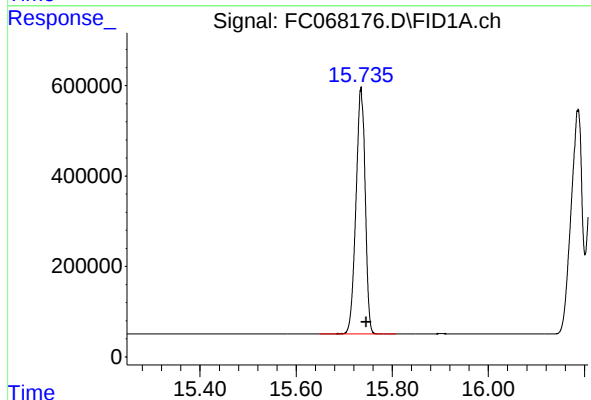
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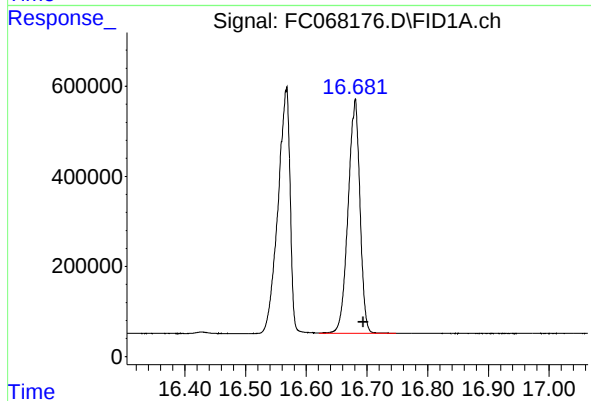
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: -0.015 min
Response: 15489379
Conc: 120.65 ug/ml m



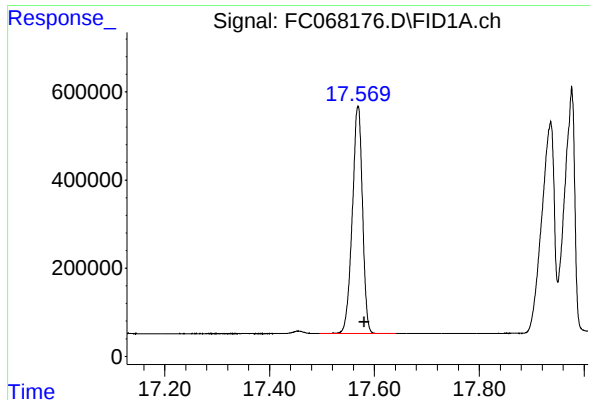
#15 n-Hexacosane (C26)

R.T.: 15.735 min
Delta R.T.: -0.011 min
Response: 7250844
Conc: 57.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.680 min
Delta R.T.: -0.014 min
Response: 7066342
Conc: 56.50 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.569 min
Delta R.T.: -0.012 min
Response: 6958651
Conc: 53.84 ug/ml

Instrument :

FID_C

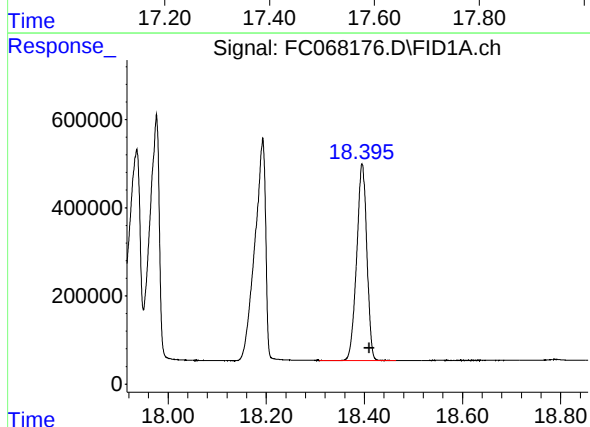
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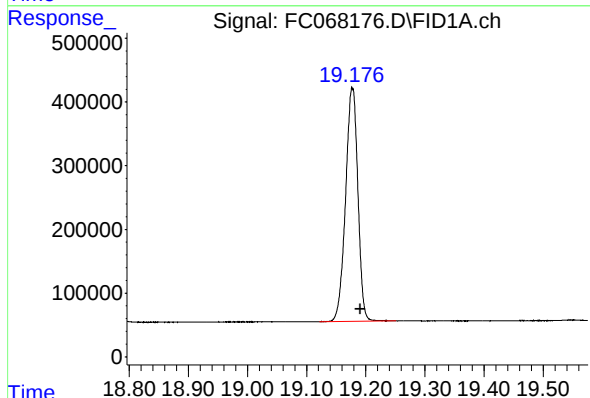
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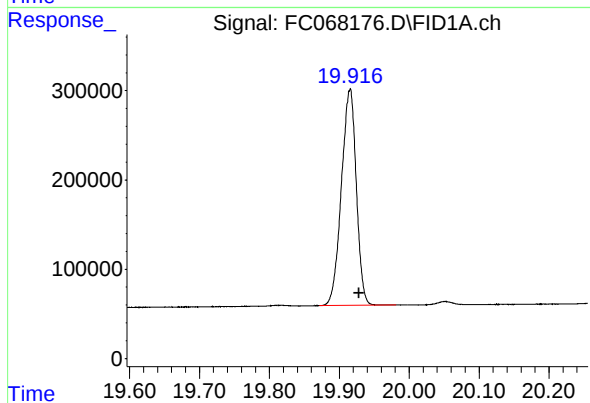
#18 n-Dotriacontane (C32)

R.T.: 18.396 min
Delta R.T.: -0.015 min
Response: 6410976
Conc: 51.28 ug/ml



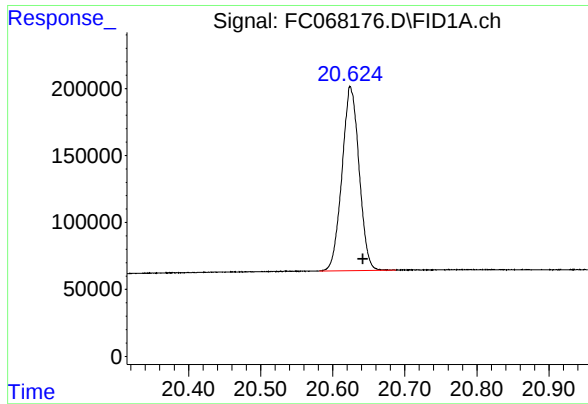
#19 n-Tetratriacontane (C34)

R.T.: 19.177 min
Delta R.T.: -0.014 min
Response: 5293774
Conc: 48.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.915 min
Delta R.T.: -0.013 min
Response: 3585377
Conc: 38.74 ug/ml



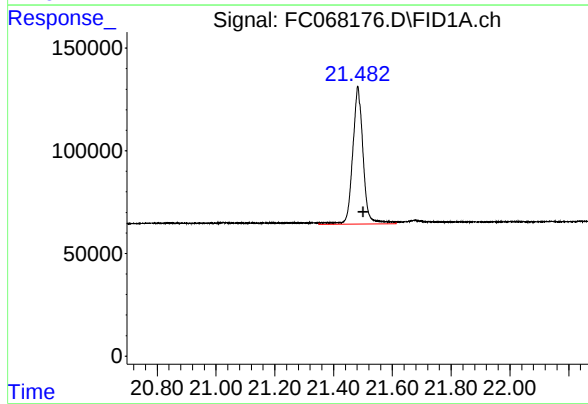
#21 n-Octatriacontane (C38)

R.T.: 20.625 min
Delta R.T.: -0.017 min
Response: 2263588
Conc: 26.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.482 min
Delta R.T.: -0.019 min
Response: 1649289
Conc: 20.40 ug/ml m