

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061346.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2022 05:45
 Operator : YP/AJ
 Sample : PB147330BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147330BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 08/30/2022
 Supervised By :Ankita
 Jodhani
 08/30/2022

Integration File: autoint1.e
 Quant Time: Aug 30 07:00:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 2022
 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			
12) S 1-chlorooctadecane (S...	13.078	5891504	42.067 ug/ml
Spiked Amount 50.000		Recovery =	84.13%
Target Compounds			
1) T n-Nonane (C9)	3.416	2772770	18.340 ug/ml
2) T n-Decane (C10)	4.483	3452118	22.751 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2712059	15.667 ug/ml
4) T n-Dodecane (C12)	6.496	4172391	26.941 ug/ml
5) T A~2-methylnaphthalene...	7.122	2757197	15.658 ug/ml
6) T n-Tetradecane (C14)	8.289	4575457	29.252 ug/ml
7) T n-Hexadecane (C16)	9.887	5040909	32.183 ug/ml
8) T n-Octadecane (C18)	11.326	5312847	33.675 ug/ml
10) T n-Eicosane (C20)	12.633	5211777	33.525 ug/ml
11) T n-Heneicosane (C21)	13.244	5185399	33.151 ug/ml
13) T n-Docosane (C22)	13.829	5097075	32.846 ug/ml
14) T n-Tetracosane (C24)	14.929	5037259	32.561 ug/ml
15) T n-Hexacosane (C26)	15.948	4747662	31.545 ug/ml
16) T n-Octacosane (C28)	16.896	4528160	30.657 ug/ml
17) T n-Tricontane (C30)	17.782	4390768	31.790 ug/ml
18) T n-Dotriacontane (C32)	18.613	4349047	39.622 ug/ml
19) T n-Tetratriacontane (C34)	19.395	4336017	56.175 ug/ml
20) T n-Hexatriacontane (C36)	20.132	4143429	73.389 ug/mlm
21) T n-Octatriacontane (C38)	20.874	4120362	88.817 ug/mlm
22) T n-Tetracontane (C40)	21.808	4301958	102.565 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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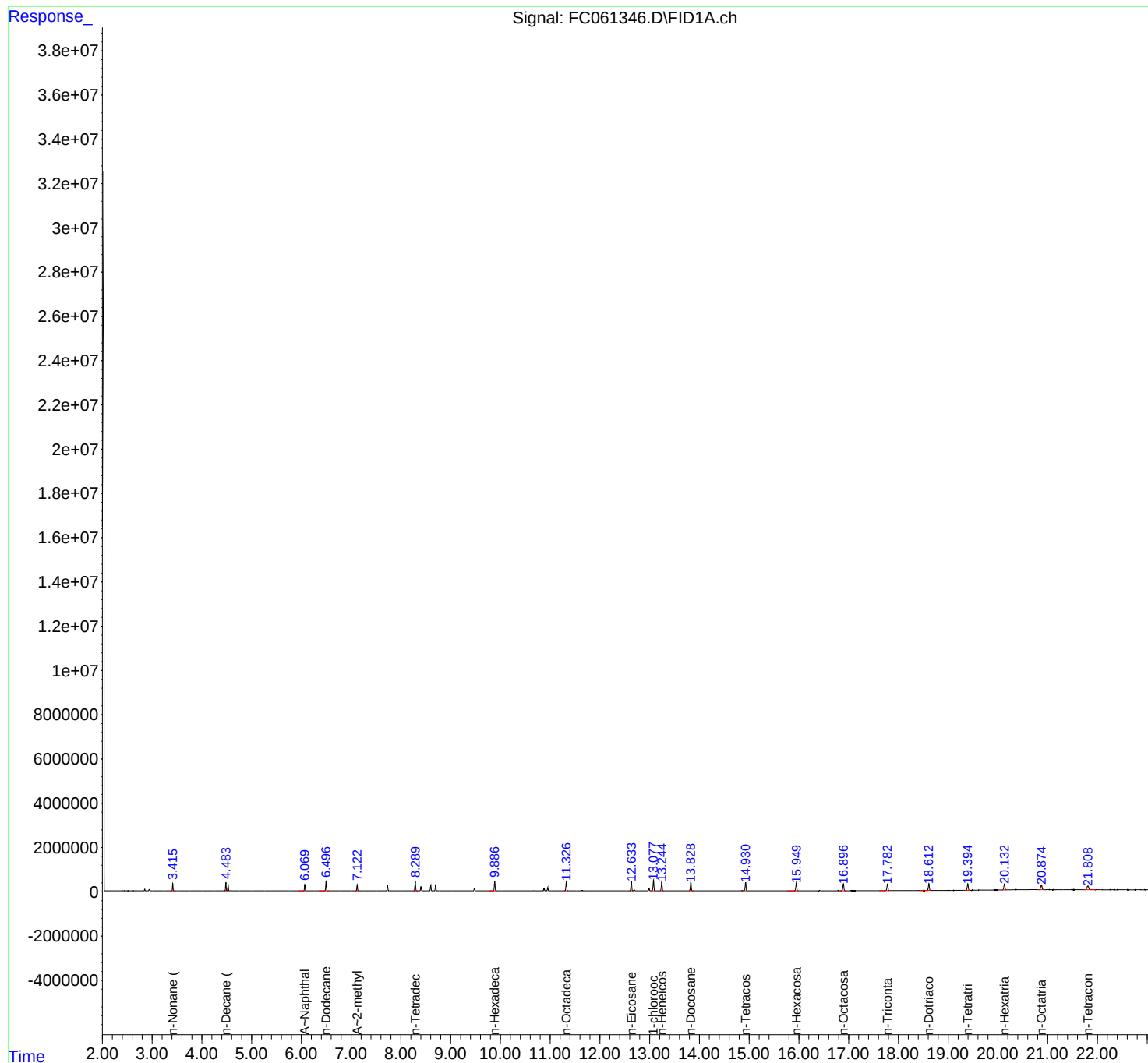
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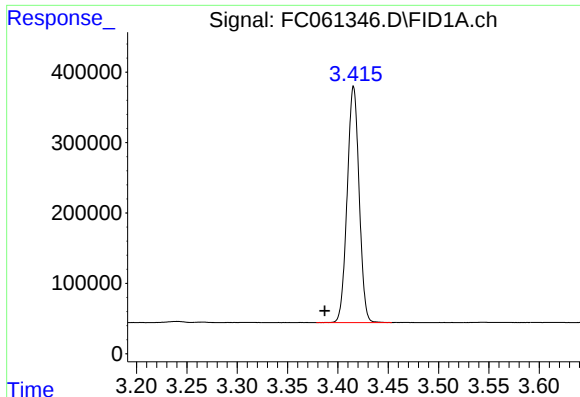
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Jodhani

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#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.029 min
Response: 2772770
Conc: 18.34 ug/ml

Instrument :

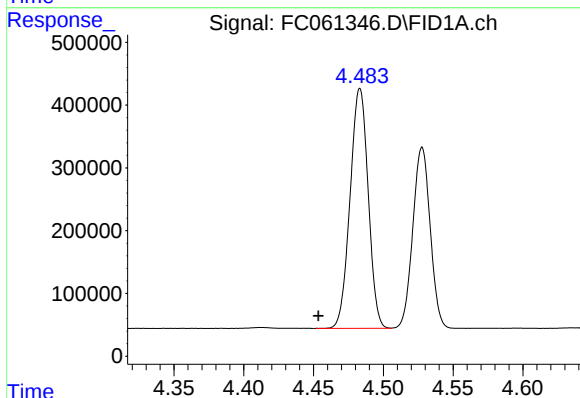
FID_C

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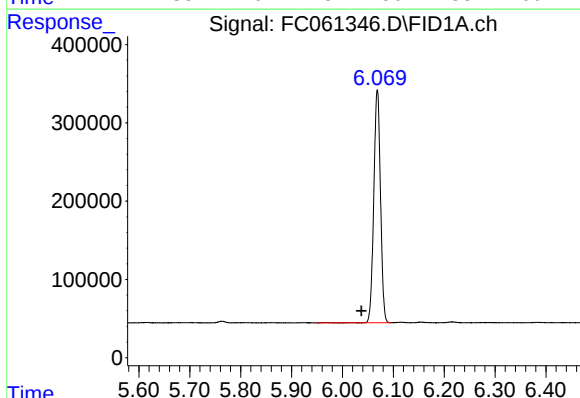
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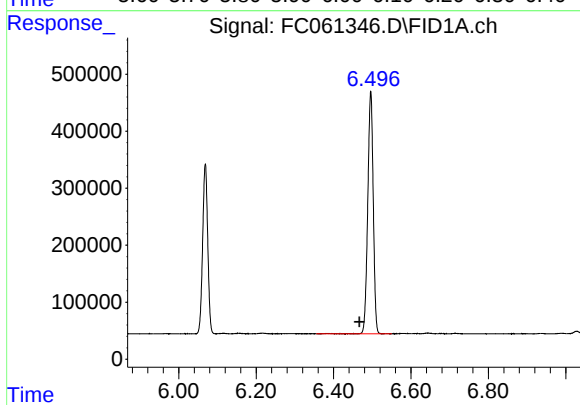
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.030 min
Response: 3452118
Conc: 22.75 ug/ml



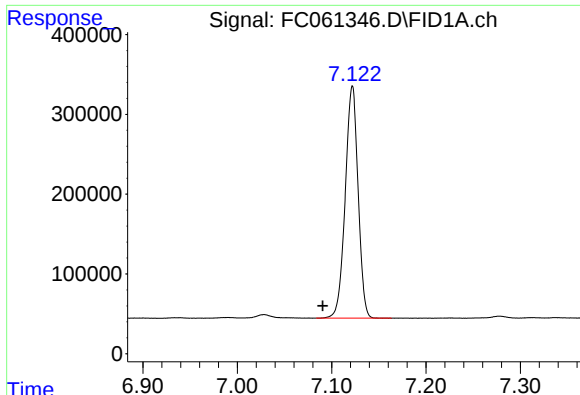
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.031 min
Response: 2712059
Conc: 15.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: 0.029 min
Response: 4172391
Conc: 26.94 ug/ml



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

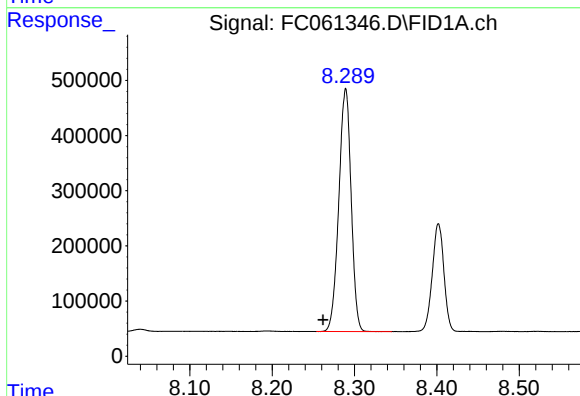
R.T.: 7.122 min
Delta R.T.: 0.031 min
Response: 2757197
Conc: 15.66 ug/ml

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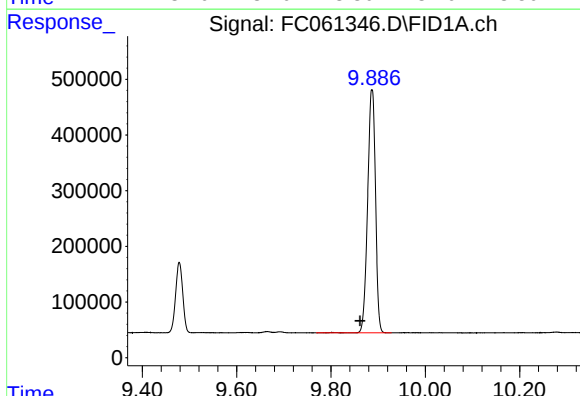
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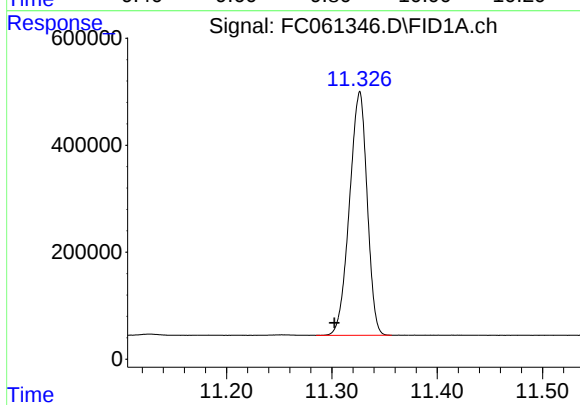
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.027 min
Response: 4575457
Conc: 29.25 ug/ml



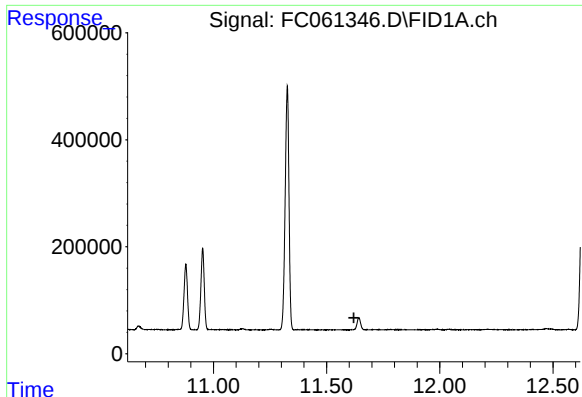
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: 0.026 min
Response: 5040909
Conc: 32.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.326 min
Delta R.T.: 0.024 min
Response: 5312847
Conc: 33.68 ug/ml



#9 ortho-Terphenyl (SURR)

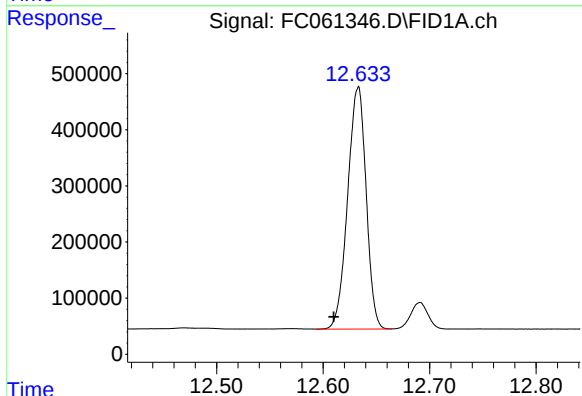
R.T.: 0.000 min
Exp R.T.: 11.621 min
Response: 0
Conc: N.D.

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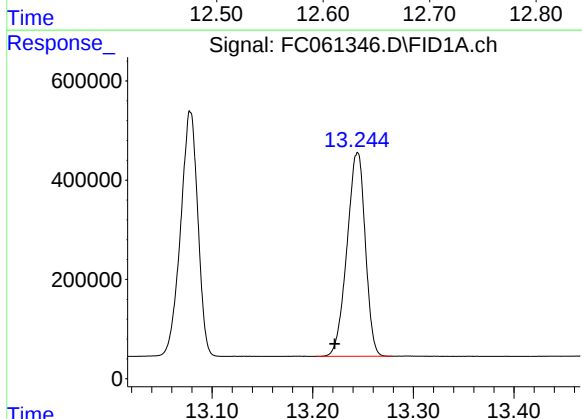
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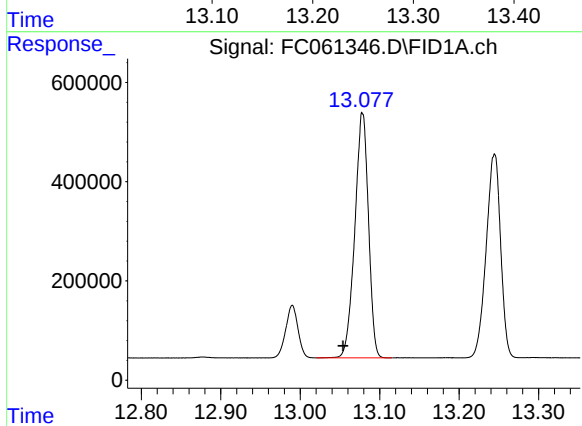
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.023 min
Response: 5211777
Conc: 33.53 ug/ml



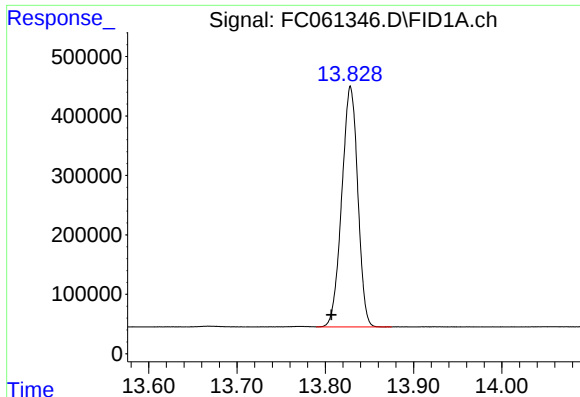
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: 0.022 min
Response: 5185399
Conc: 33.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: 0.024 min
Response: 5891504
Conc: 42.07 ug/ml



#13 n-Docosane (C22)

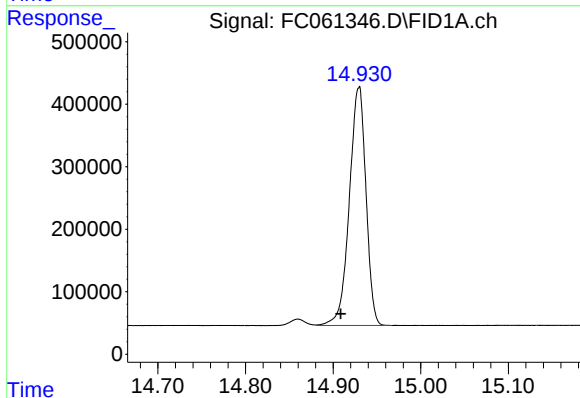
R.T.: 13.829 min
Delta R.T.: 0.022 min
Response: 5097075
Conc: 32.85 ug/ml

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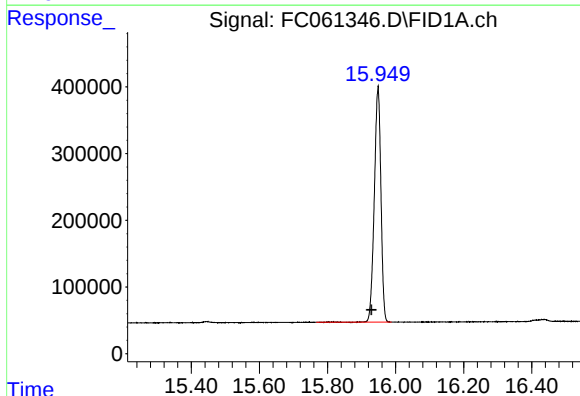
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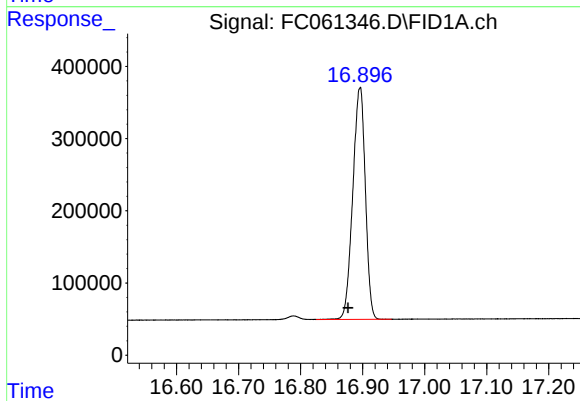
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: 0.020 min
Response: 5037259
Conc: 32.56 ug/ml



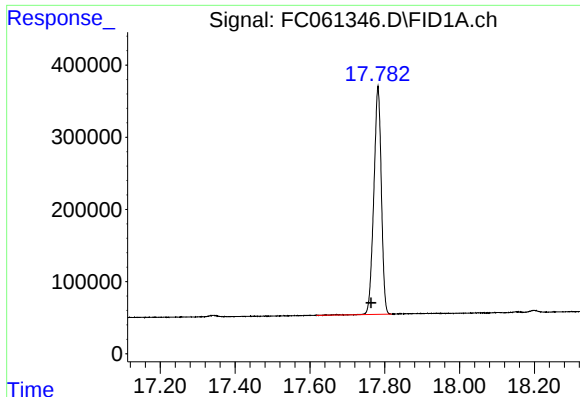
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: 0.019 min
Response: 4747662
Conc: 31.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.896 min
Delta R.T.: 0.019 min
Response: 4528160
Conc: 30.66 ug/ml



#17 n-Tricontane (C30)

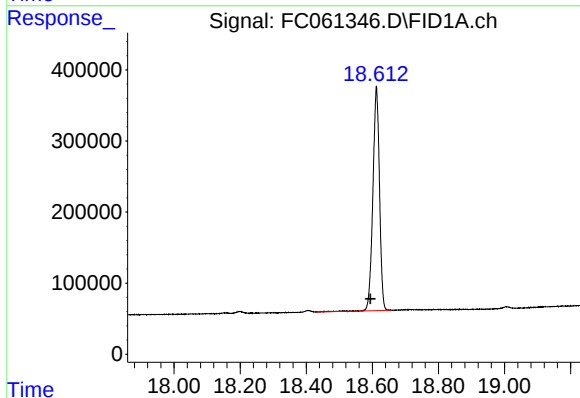
R.T.: 17.782 min
Delta R.T.: 0.018 min
Response: 4390768
Conc: 31.79 ug/ml

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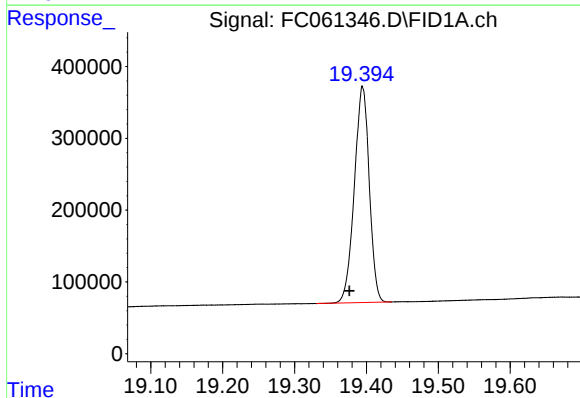
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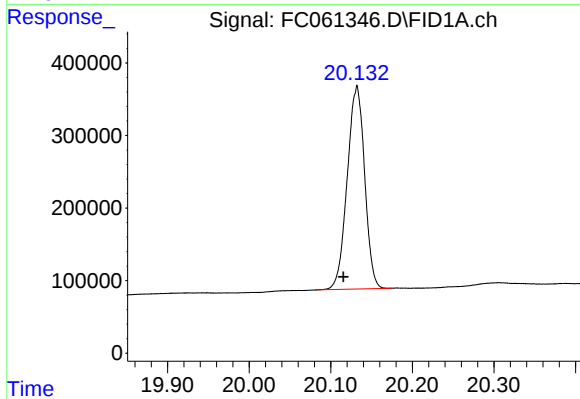
#18 n-Dotriacontane (C32)

R.T.: 18.613 min
Delta R.T.: 0.018 min
Response: 4349047
Conc: 39.62 ug/ml



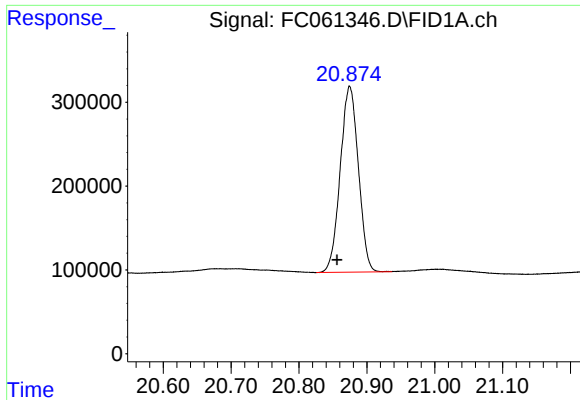
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min
Delta R.T.: 0.018 min
Response: 4336017
Conc: 56.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.132 min
Delta R.T.: 0.016 min
Response: 4143429
Conc: 73.39 ug/ml m



#21 n-Octatriacontane (C38)

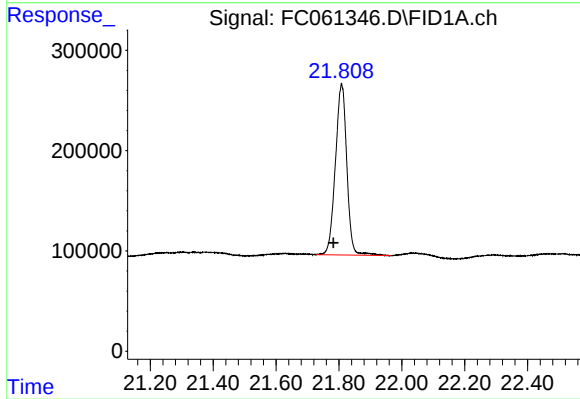
R.T.: 20.874 min
Delta R.T.: 0.018 min
Response: 4120362
Conc: 88.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.808 min
Delta R.T.: 0.026 min
Response: 4301958
Conc: 102.57 ug/ml