

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061345.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2022 04:58
 Operator : YP/AJ
 Sample : PB147330BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147330BS

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 05:33:49 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...	13.079	6741723	48.138 ug/ml
Spiked Amount 50.000		Recovery =	96.28%
Target Compounds			
1) T n-Nonane (C9)	3.416	2750313	18.191 ug/ml
2) T n-Decane (C10)	4.483	3426311	22.580 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2690896	15.545 ug/ml
4) T n-Dodecane (C12)	6.496	4120543	26.606 ug/ml
5) T A~2-methylnaphthalene...	7.122	2734918	15.532 ug/ml
6) T n-Tetradecane (C14)	8.289	4529318	28.957 ug/ml
7) T n-Hexadecane (C16)	9.887	4972985	31.749 ug/ml
8) T n-Octadecane (C18)	11.326	5220892	33.092 ug/ml
10) T n-Eicosane (C20)	12.634	5098206	32.795 ug/ml
11) T n-Heneicosane (C21)	13.244	5064518	32.378 ug/ml
13) T n-Docosane (C22)	13.829	4973006	32.047 ug/ml
14) T n-Tetracosane (C24)	14.929	4904711	31.704 ug/ml
15) T n-Hexacosane (C26)	15.948	4623635	30.721 ug/ml
16) T n-Octacosane (C28)	16.895	4413028	29.877 ug/ml
17) T n-Tricontane (C30)	17.781	4303088	31.155 ug/ml
18) T n-Dotriacontane (C32)	18.612	4290045	39.084 ug/ml
19) T n-Tetratriacontane (C34)	19.394	4291466	55.598 ug/ml
20) T n-Hexatriacontane (C36)	20.134	4108393	72.769 ug/mlm
21) T n-Octatriacontane (C38)	20.875	4127345	88.968 ug/mlm
22) T n-Tetracontane (C40)	21.810	4384974	104.544 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 20 Sample Multiplier: 1

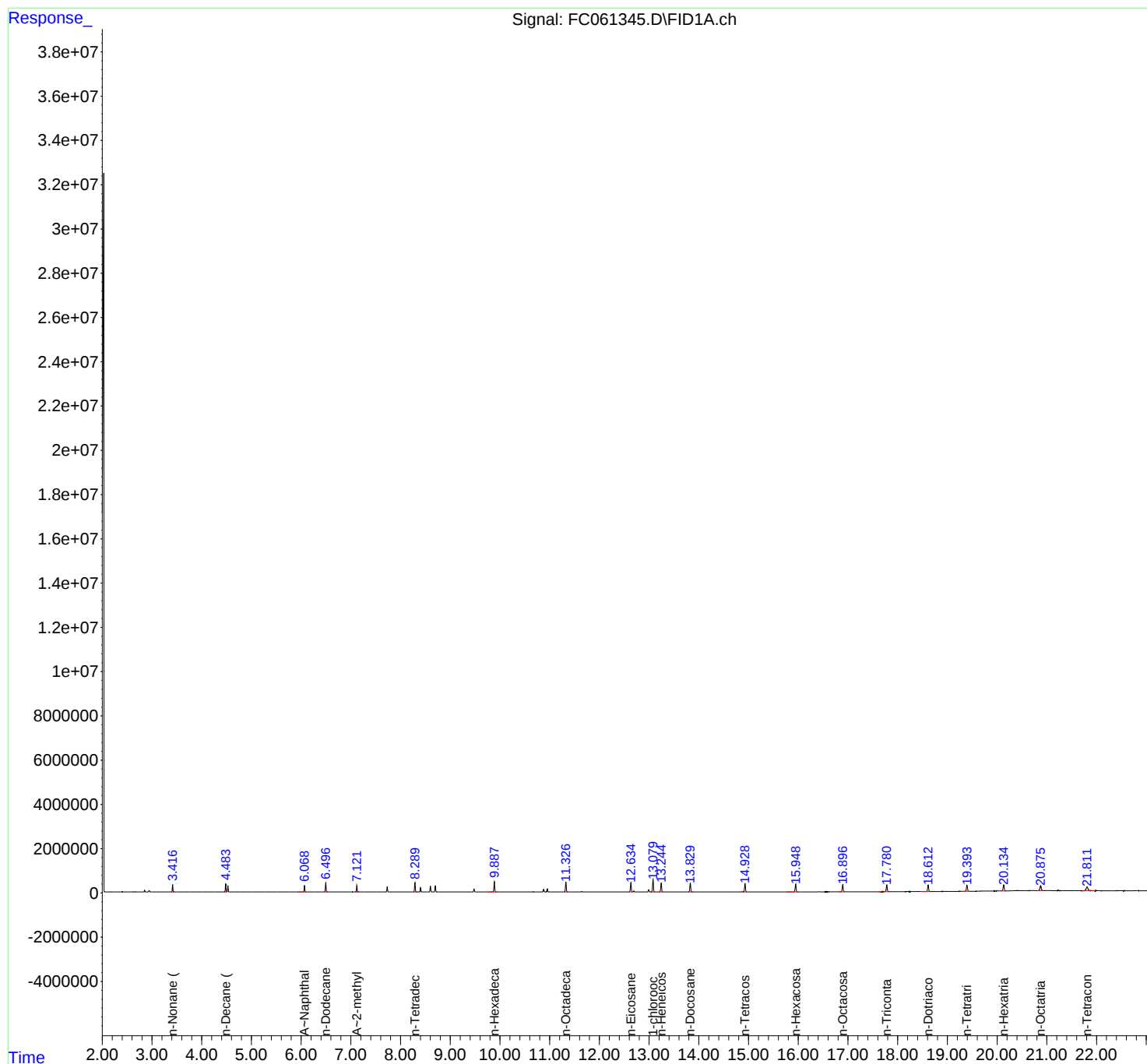
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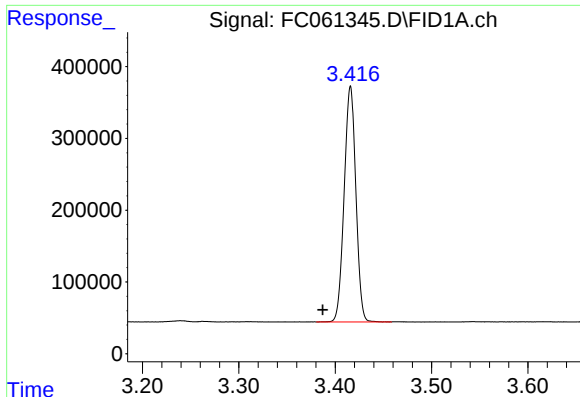
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#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.029 min
Response: 2750313
Conc: 18.19 ug/ml

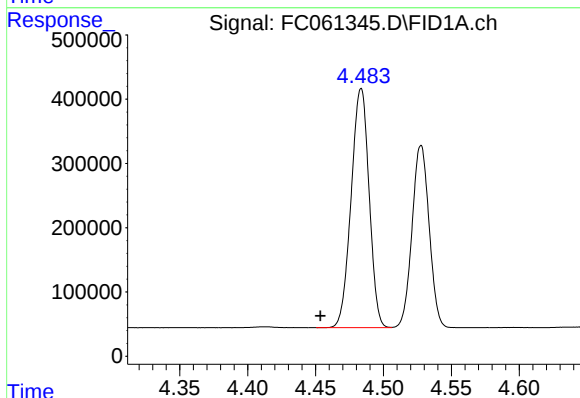
Instrument :

FID_C

ClientSampleId :
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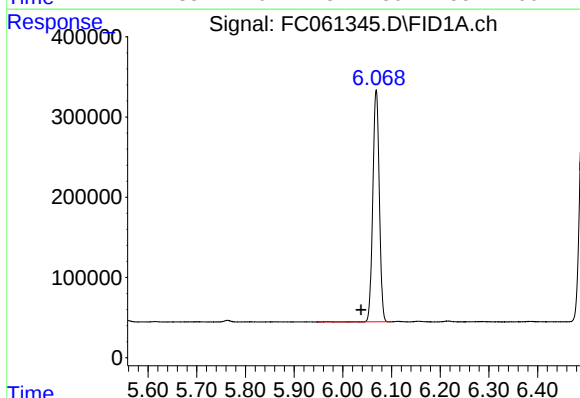
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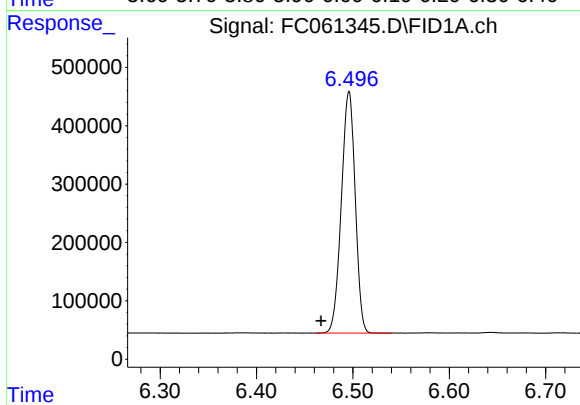
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.030 min
Response: 3426311
Conc: 22.58 ug/ml



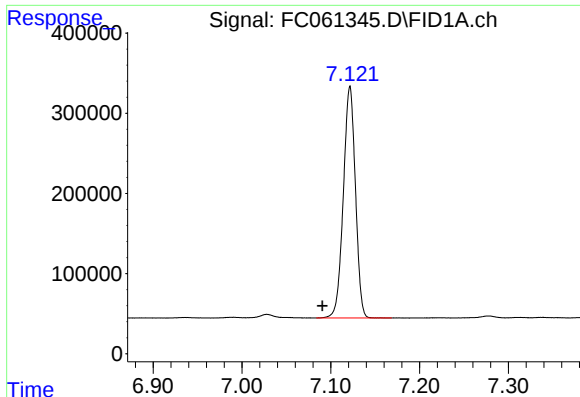
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.031 min
Response: 2690896
Conc: 15.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: 0.029 min
Response: 4120543
Conc: 26.61 ug/ml



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

R.T.: 7.122 min
Delta R.T.: 0.031 min
Response: 2734918
Conc: 15.53 ug/ml

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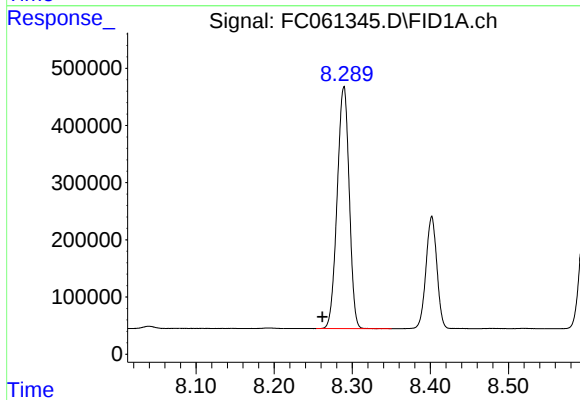
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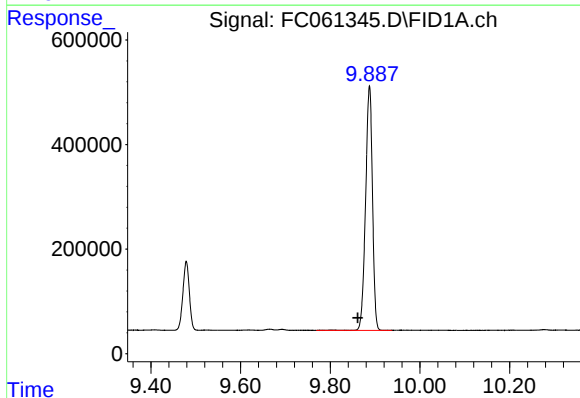
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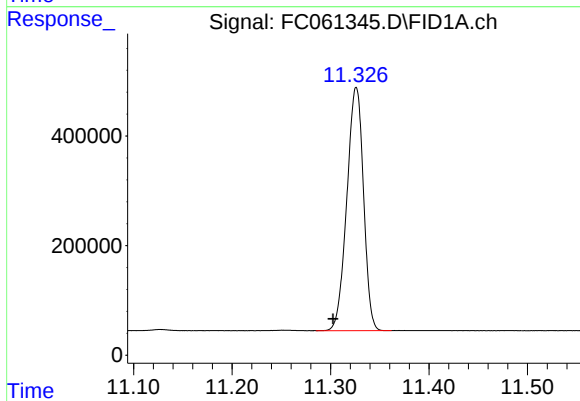
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.027 min
Response: 4529318
Conc: 28.96 ug/ml



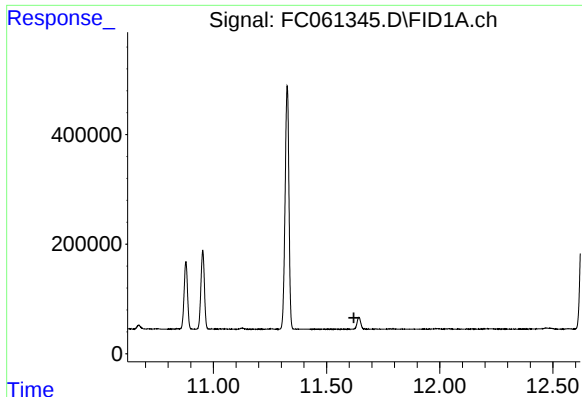
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: 0.026 min
Response: 4972985
Conc: 31.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.326 min
Delta R.T.: 0.024 min
Response: 5220892
Conc: 33.09 ug/ml



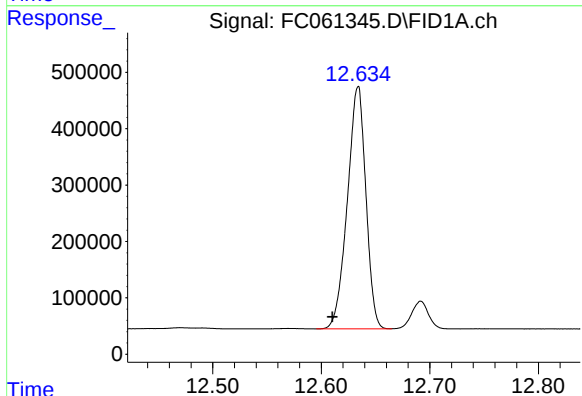
#9 ortho-Terphenyl (SURR)

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

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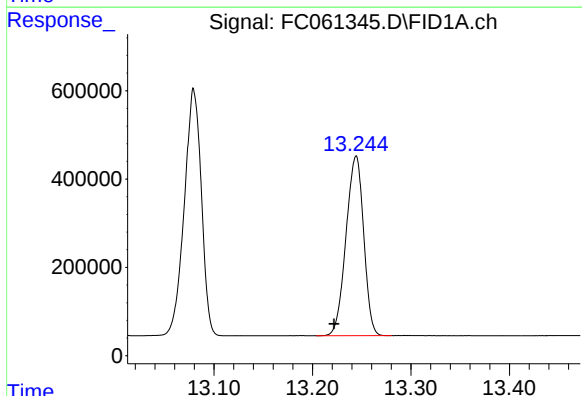
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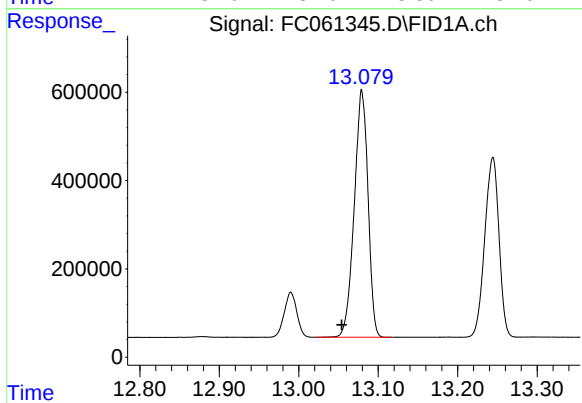
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: 0.024 min
Response: 5098206
Conc: 32.79 ug/ml



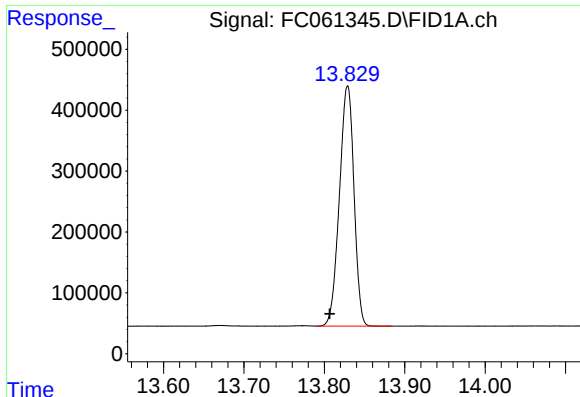
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: 0.022 min
Response: 5064518
Conc: 32.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.079 min
Delta R.T.: 0.025 min
Response: 6741723
Conc: 48.14 ug/ml



#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: 0.022 min
Response: 4973006
Conc: 32.05 ug/ml

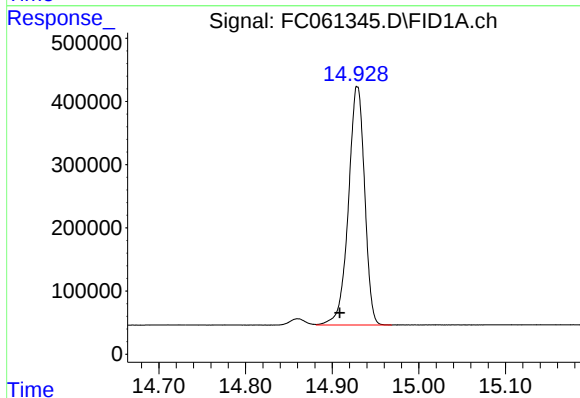
Instrument :

FID_C

ClientSampleId :
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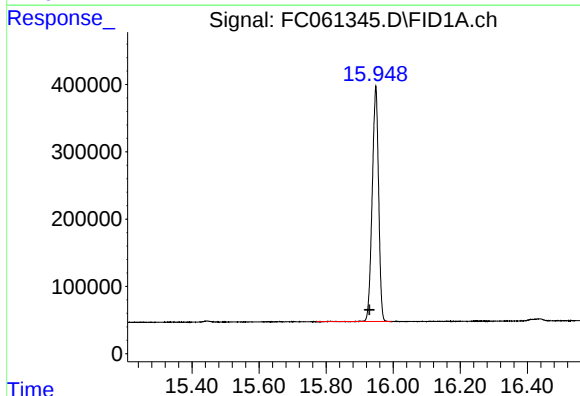
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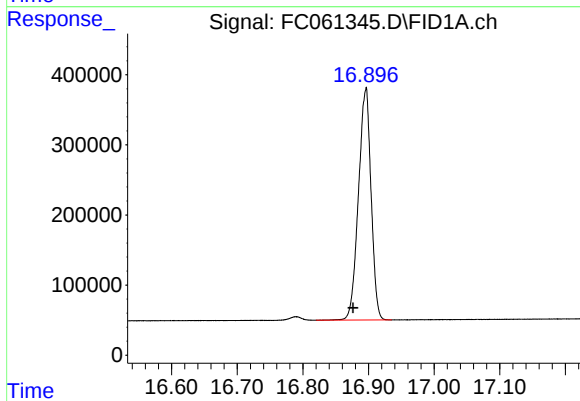
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: 0.020 min
Response: 4904711
Conc: 31.70 ug/ml



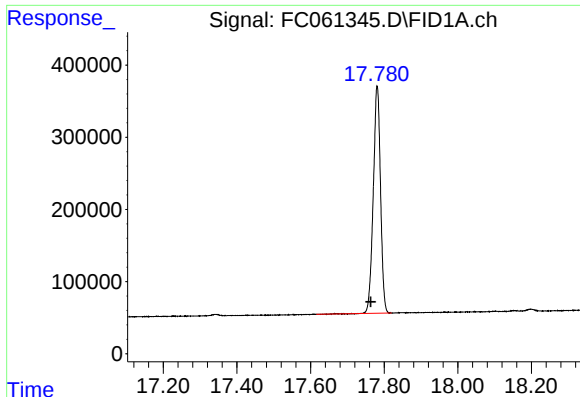
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: 0.019 min
Response: 4623635
Conc: 30.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: 0.019 min
Response: 4413028
Conc: 29.88 ug/ml



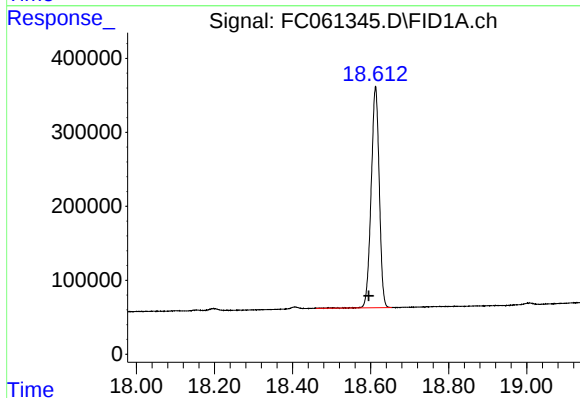
#17 n-Tricontane (C30)

R.T.: 17.781 min
Delta R.T.: 0.017 min
Response: 4303088
Conc: 31.16 ug/ml

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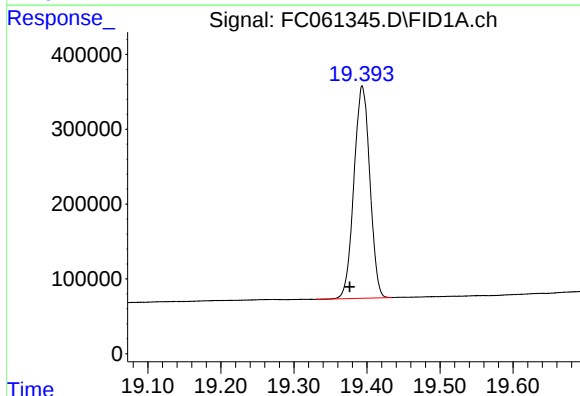
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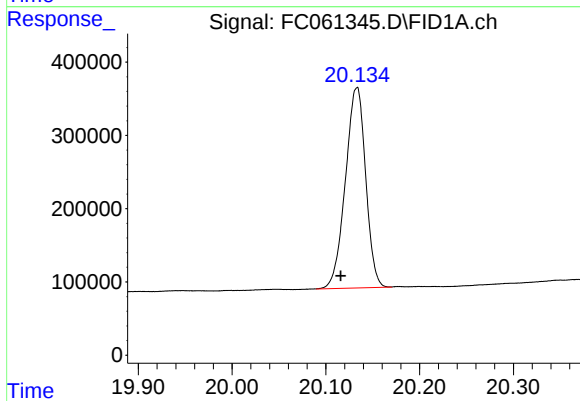
#18 n-Dotriacontane (C32)

R.T.: 18.612 min
Delta R.T.: 0.018 min
Response: 4290045
Conc: 39.08 ug/ml



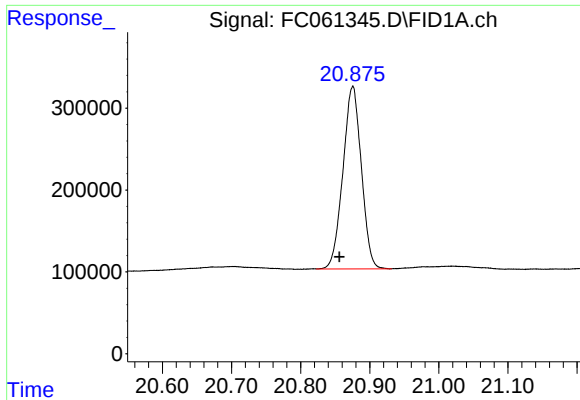
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: 0.017 min
Response: 4291466
Conc: 55.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.134 min
Delta R.T.: 0.018 min
Response: 4108393
Conc: 72.77 ug/ml m



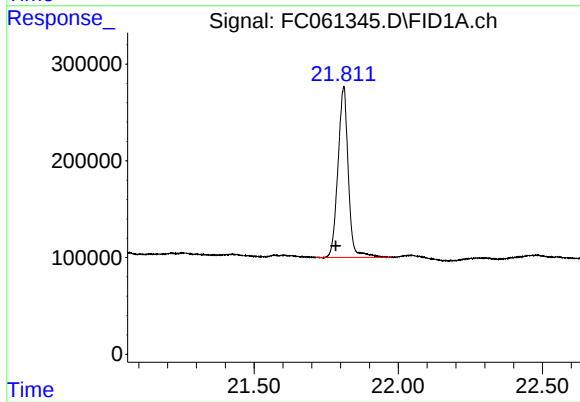
#21 n-Octatriacontane (C38)

R.T.: 20.875 min
Delta R.T.: 0.019 min
Response: 4127345
Conc: 88.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: 0.028 min
Response: 4384974
Conc: 104.54 ug/ml