

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090222AL\
 Data File : FC061433.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2022 21:21
 Operator : YP/AJ
 Sample : PB147463BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147463BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 01:20:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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...	13.022	5123116	36.581 ug/ml
Spiked Amount 50.000		Recovery =	73.16%
Target Compounds			
1) T n-Nonane (C9)	3.336	3069510	20.302 ug/ml
2) T n-Decane (C10)	4.405	3793417	25.000 ug/ml
4) T n-Dodecane (C12)	6.424	4338131	28.011 ug/ml
6) T n-Tetradecane (C14)	8.222	4427030	28.303 ug/ml
7) T n-Hexadecane (C16)	9.824	4901274	31.292 ug/ml
8) T n-Octadecane (C18)	11.267	5509157	34.920 ug/ml
10) T n-Eicosane (C20)	12.576	5489452	35.311 ug/ml
11) T n-Heneicosane (C21)	13.189	5454046	34.868 ug/ml
13) T n-Docosane (C22)	13.775	5355754	34.513 ug/ml
14) T n-Tetracosane (C24)	14.877	5271830	34.077 ug/mlm
15) T n-Hexacosane (C26)	15.899	5018239	33.343 ug/ml
16) T n-Octacosane (C28)	16.849	4892024	33.120 ug/ml
17) T n-Tricontane (C30)	17.735	4847774	35.099 ug/ml
18) T n-Dotriacontane (C32)	18.567	4880836	44.466 ug/ml
19) T n-Tetratriacontane (C34)	19.351	4898643	63.464 ug/mlm
20) T n-Hexatriacontane (C36)	20.091	4610751	81.666 ug/mlm
21) T n-Octatriacontane (C38)	20.825	4628848	99.778 ug/mlm
22) T n-Tetracontane (C40)	21.744	4804939	114.557 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB147463BSD
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ALS Vial : 11 Sample Multiplier: 1

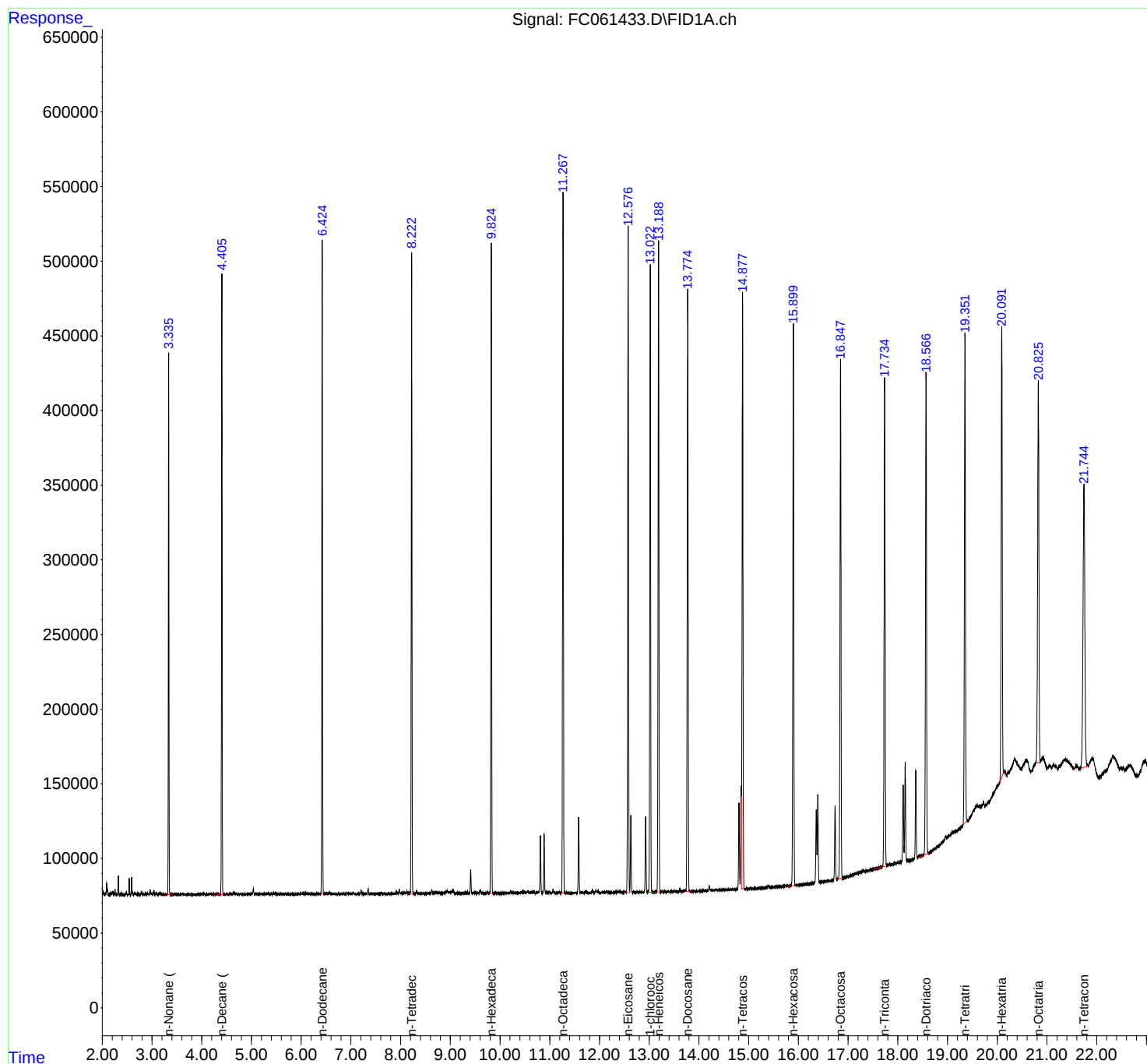
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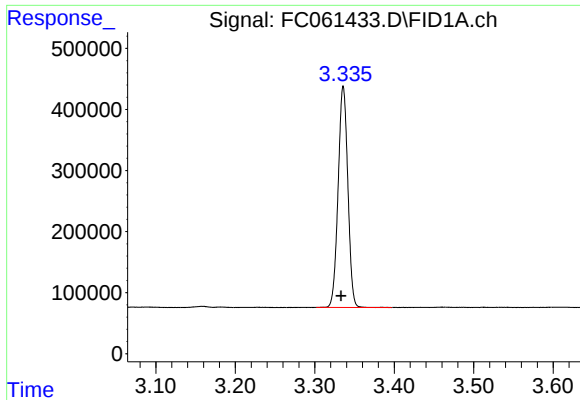
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: 0.003 min
Response: 3069510
Conc: 20.30 ug/ml

Instrument :

FID_C

ClientSampleId :

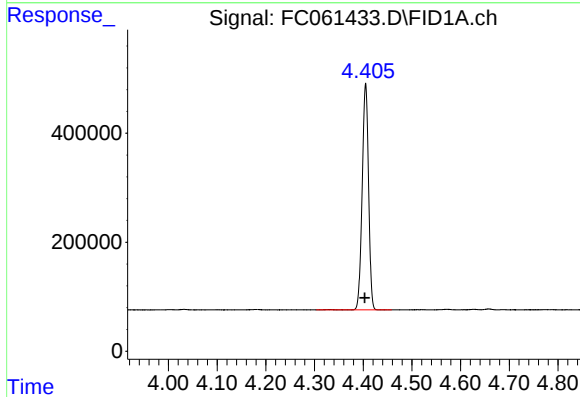
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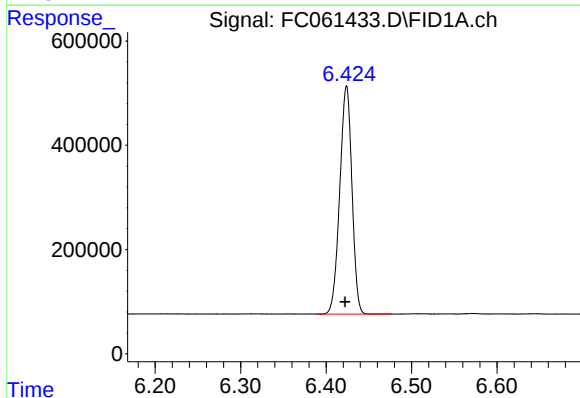
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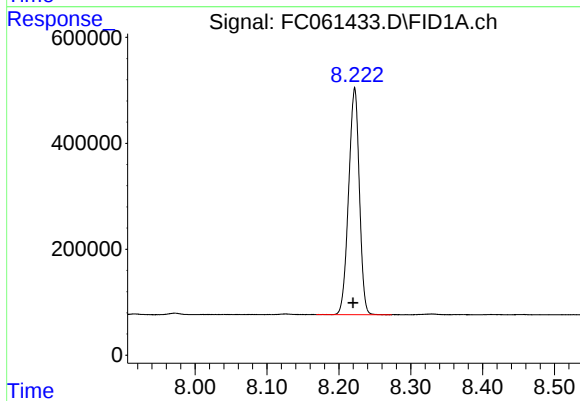
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: 0.002 min
Response: 3793417
Conc: 25.00 ug/ml



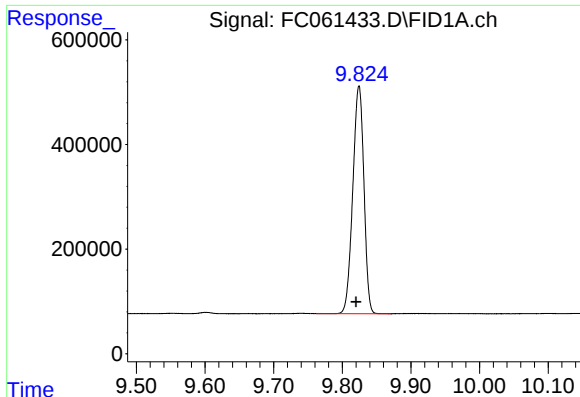
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: 0.002 min
Response: 4338131
Conc: 28.01 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.002 min
Response: 4427030
Conc: 28.30 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: 0.004 min
Response: 4901274
Conc: 31.29 ug/ml

Instrument :

FID_C

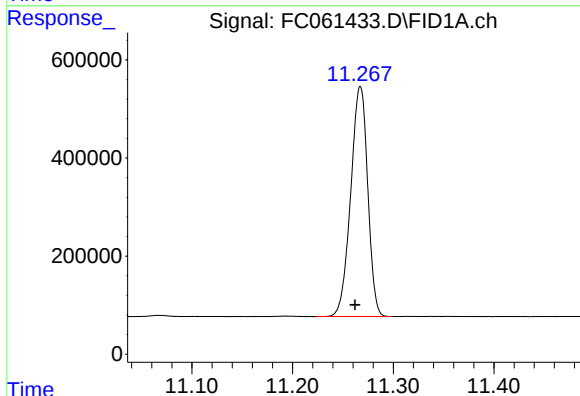
ClientSampleId :

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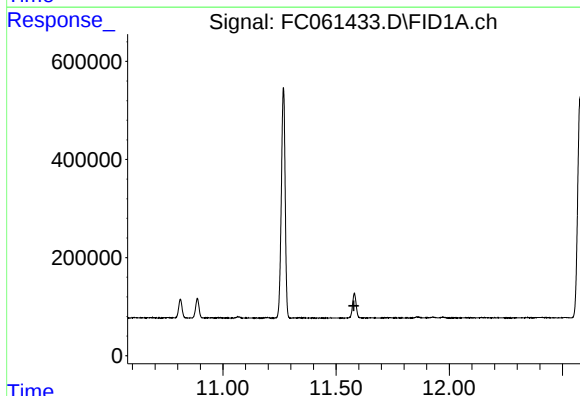
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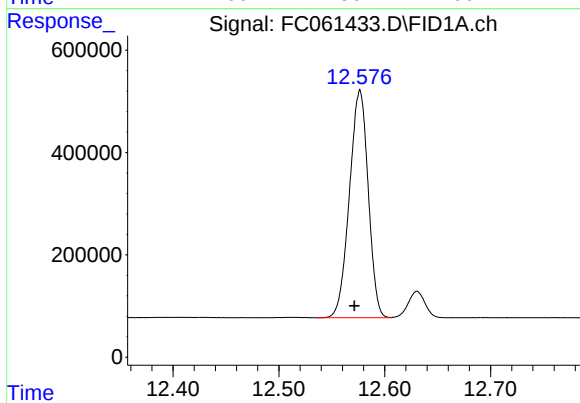
#8 n-Octadecane (C18)

R.T.: 11.267 min
Delta R.T.: 0.005 min
Response: 5509157
Conc: 34.92 ug/ml



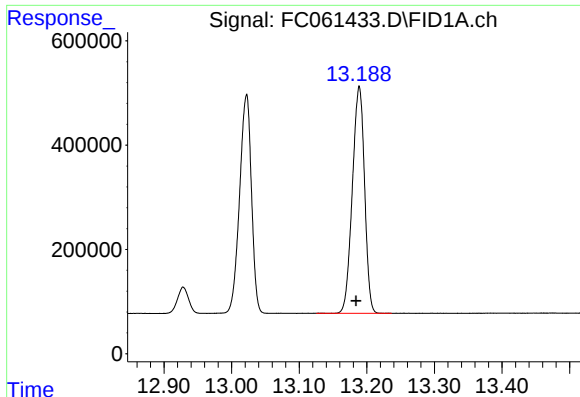
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.578 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: 0.005 min
Response: 5489452
Conc: 35.31 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: 0.005 min
Response: 5454046
Conc: 34.87 ug/ml

Instrument :

FID_C

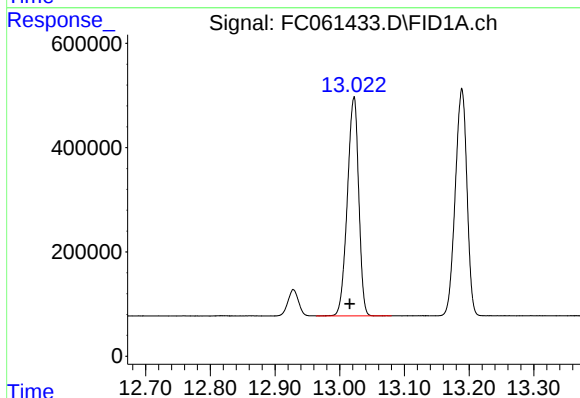
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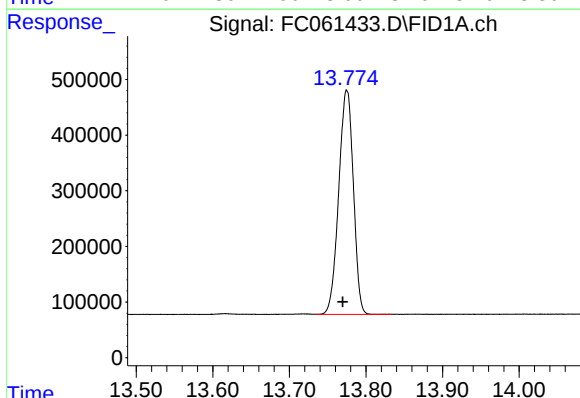
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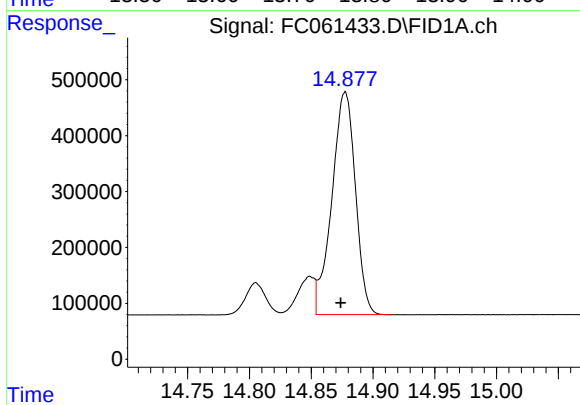
#12 1-chlorooctadecane (SURR)

R.T.: 13.022 min
Delta R.T.: 0.006 min
Response: 5123116
Conc: 36.58 ug/ml



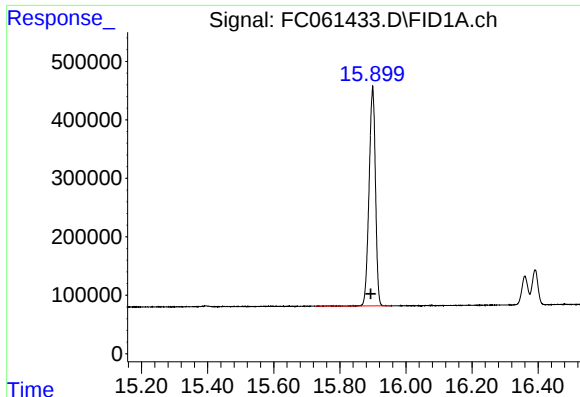
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: 0.005 min
Response: 5355754
Conc: 34.51 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: 0.004 min
Response: 5271830
Conc: 34.08 ug/ml m



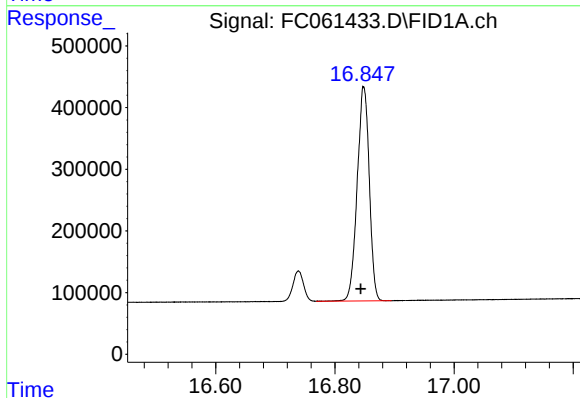
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.005 min
Response: 5018239
Conc: 33.34 ug/ml

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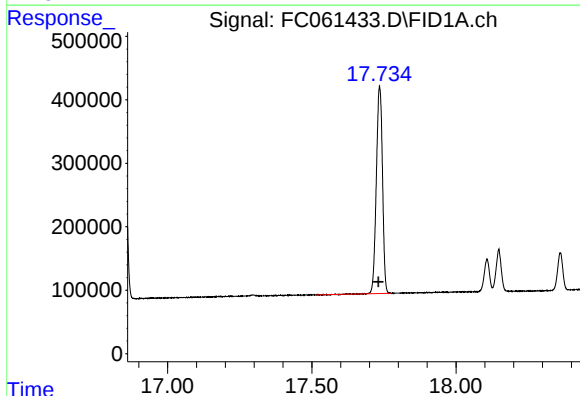
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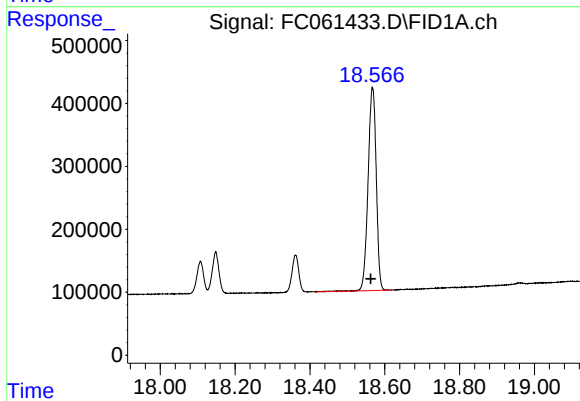
#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: 0.005 min
Response: 4892024
Conc: 33.12 ug/ml



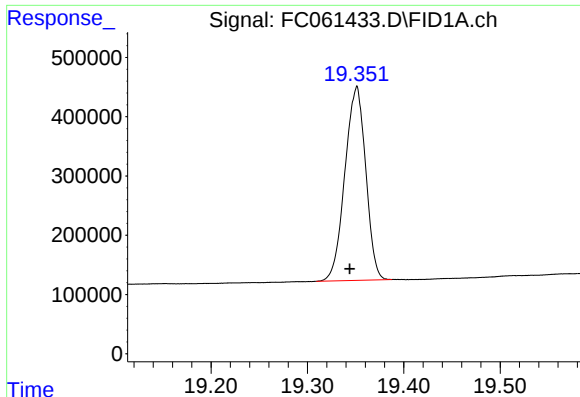
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: 0.005 min
Response: 4847774
Conc: 35.10 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: 0.005 min
Response: 4880836
Conc: 44.47 ug/ml



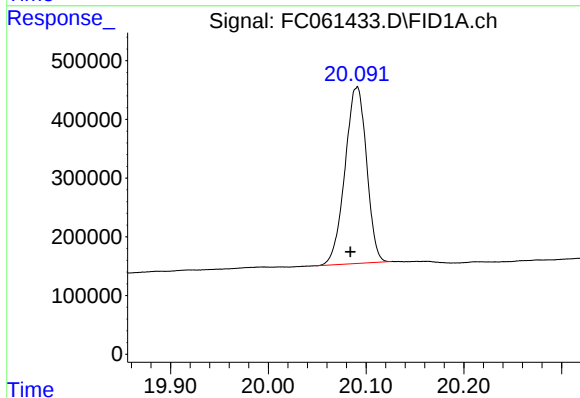
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: 0.007 min
Response: 4898643
Conc: 63.46 ug/ml

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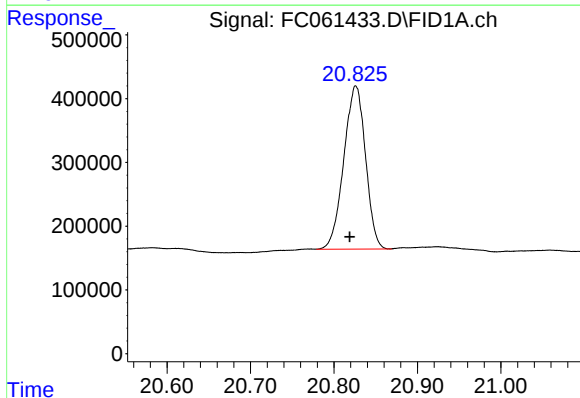
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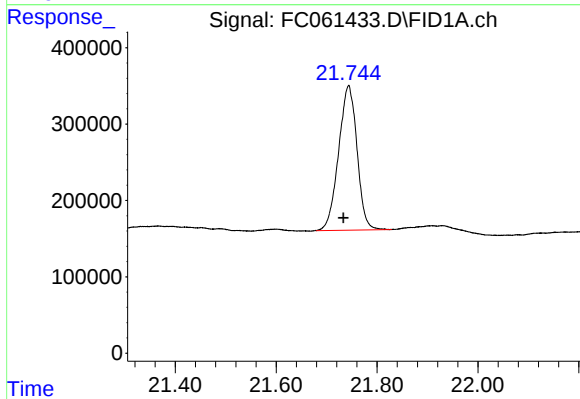
#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: 0.007 min
Response: 4610751
Conc: 81.67 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: 0.006 min
Response: 4628848
Conc: 99.78 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.744 min
Delta R.T.: 0.010 min
Response: 4804939
Conc: 114.56 ug/ml m