

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090722AL\
 Data File : FC061449.D
 Signal(s) : FID1A.ch
 Acq On : 07 Sep 2022 19:24
 Operator : YP/AJ
 Sample : PB147505BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147505BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 04:49:00 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...	13.018	4787598	34.185 ug/ml
Spiked Amount 50.000		Recovery =	68.37%
Target Compounds			
1) T n-Nonane (C9)	3.331	3020899	19.981 ug/ml
2) T n-Decane (C10)	4.401	3736565	24.625 ug/ml
4) T n-Dodecane (C12)	6.421	4279791	27.634 ug/ml
6) T n-Tetradecane (C14)	8.219	4393119	28.086 ug/ml
7) T n-Hexadecane (C16)	9.821	4894813	31.250 ug/ml
8) T n-Octadecane (C18)	11.264	5527363	35.035 ug/ml
10) T n-Eicosane (C20)	12.575	5542494	35.652 ug/ml
11) T n-Heneicosane (C21)	13.185	5512841	35.244 ug/ml
13) T n-Docosane (C22)	13.771	5432439	35.007 ug/ml
14) T n-Tetracosane (C24)	14.874	5331710	34.464 ug/ml
15) T n-Hexacosane (C26)	15.895	5090523	33.823 ug/ml
16) T n-Octacosane (C28)	16.844	4925384	33.346 ug/ml
17) T n-Tricontane (C30)	17.730	4851883	35.128 ug/ml
18) T n-Dotriacontane (C32)	18.563	4845368	44.143 ug/ml
19) T n-Tetratriacontane (C34)	19.345	4879559	63.217 ug/mlm
20) T n-Hexatriacontane (C36)	20.080	4640965	82.202 ug/mlm
21) T n-Octatriacontane (C38)	20.819	4661127	100.474 ug/ml
22) T n-Tetracontane (C40)	21.734	4669005	111.316 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 07 Sep 2022 19:24
Operator : YP/AJ
Sample : PB147505BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

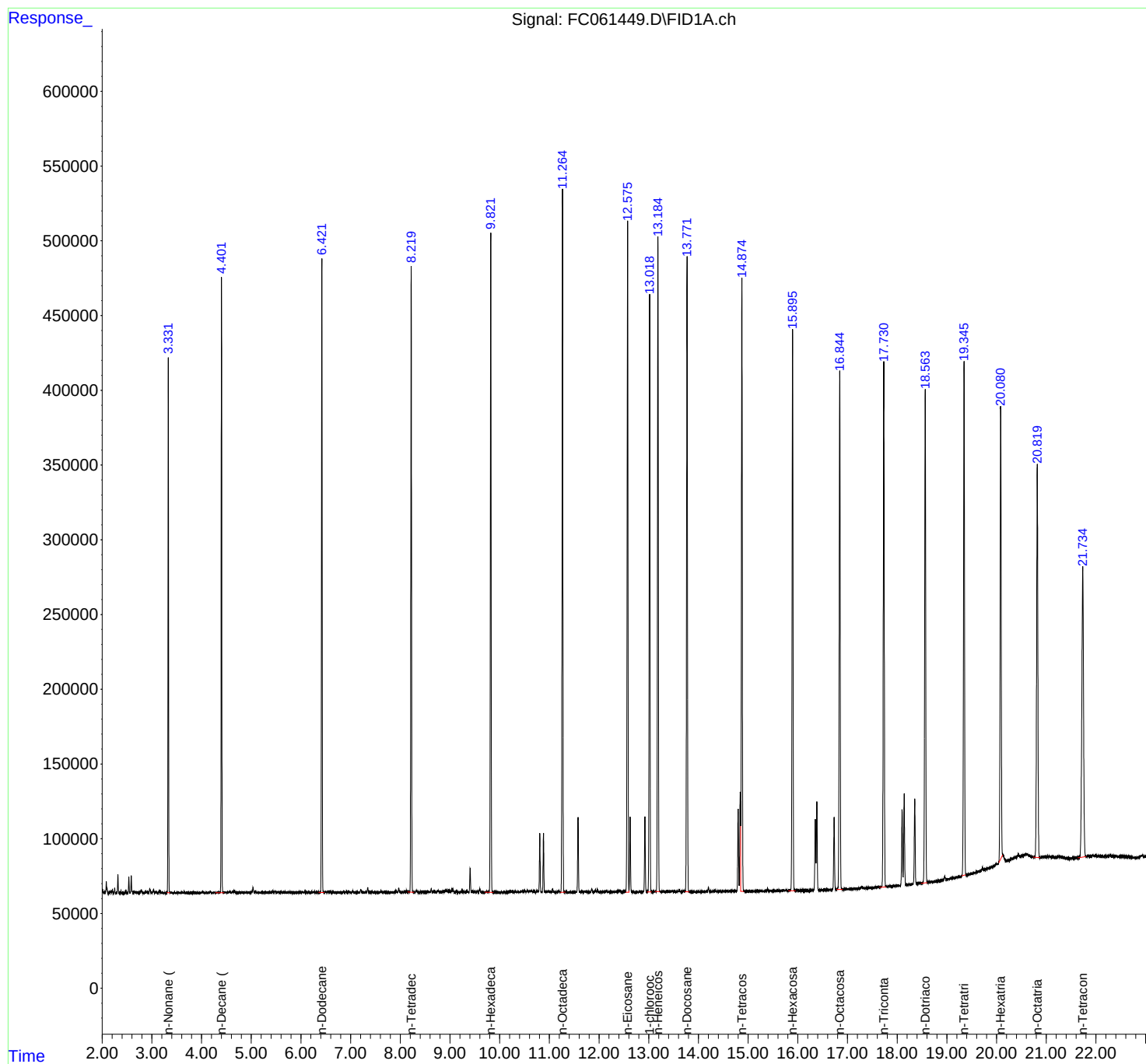
Instrument :
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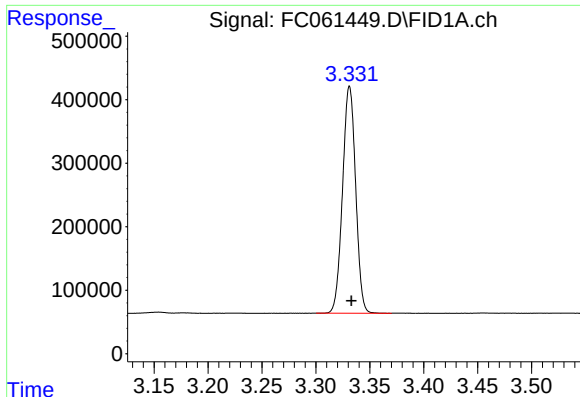
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 3020899
Conc: 19.98 ug/ml

Instrument :

FID_C

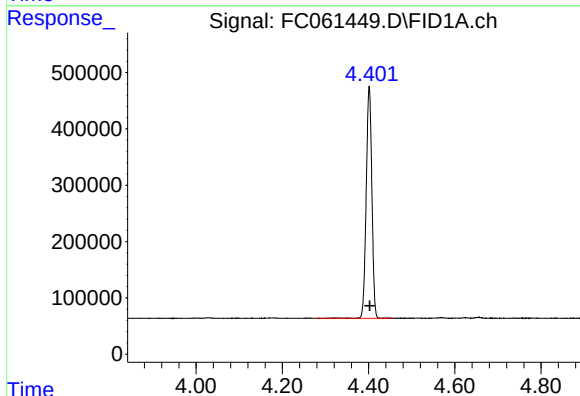
ClientSampleId :

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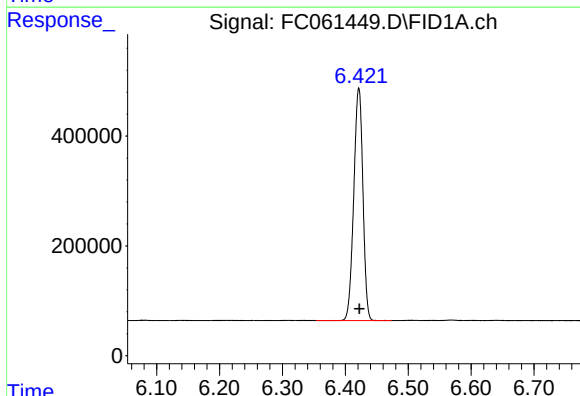
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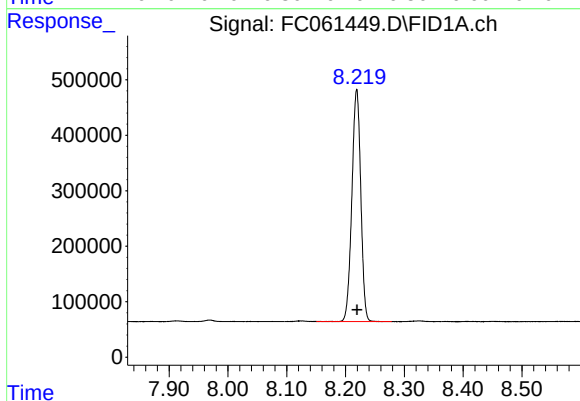
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: -0.001 min
Response: 3736565
Conc: 24.63 ug/ml



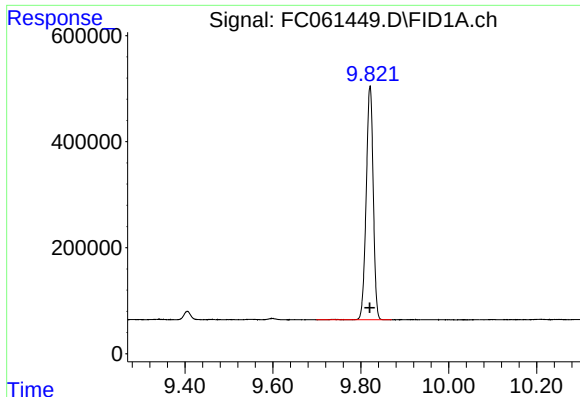
#4 n-Dodecane (C12)

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 4279791
Conc: 27.63 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 4393119
Conc: 28.09 ug/ml



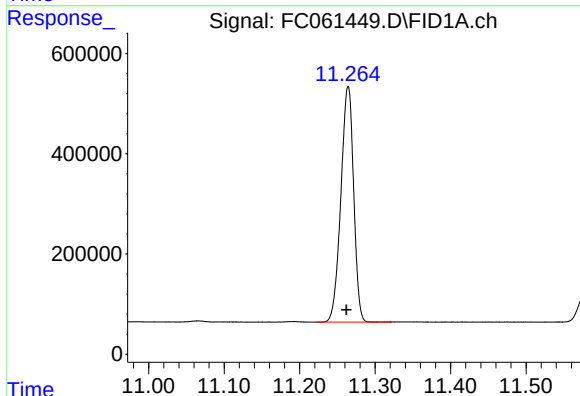
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.000 min
Response: 4894813
Conc: 31.25 ug/ml

Instrument :
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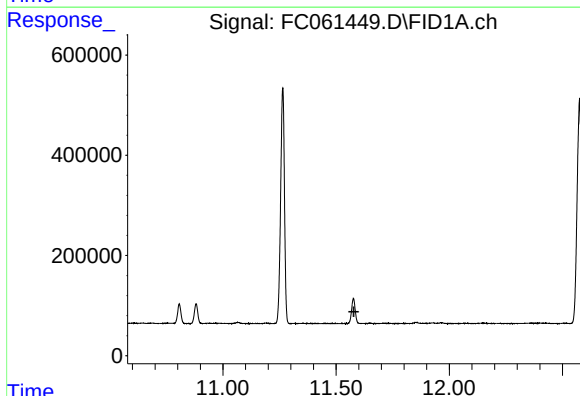
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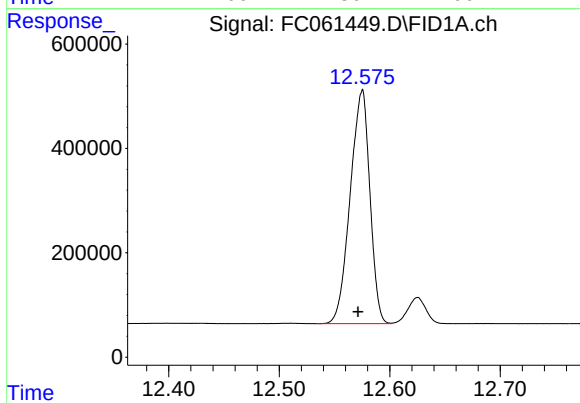
#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: 0.002 min
Response: 5527363
Conc: 35.04 ug/ml



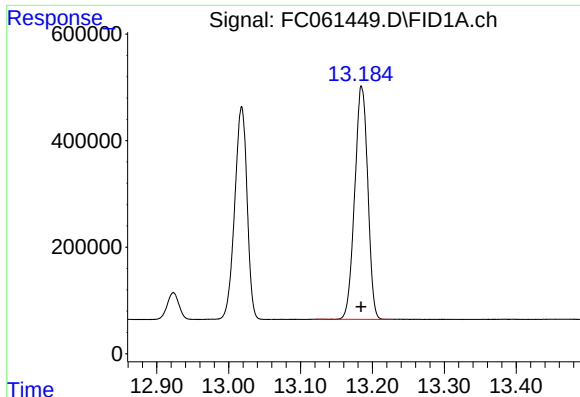
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: 0.003 min
Response: 5542494
Conc: 35.65 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: 0.001 min
Response: 5512841
Conc: 35.24 ug/ml

Instrument :

FID_C

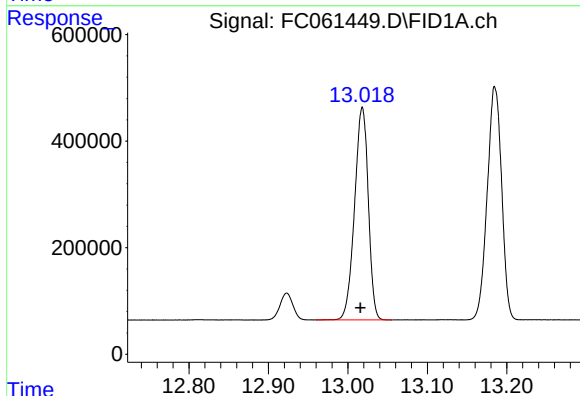
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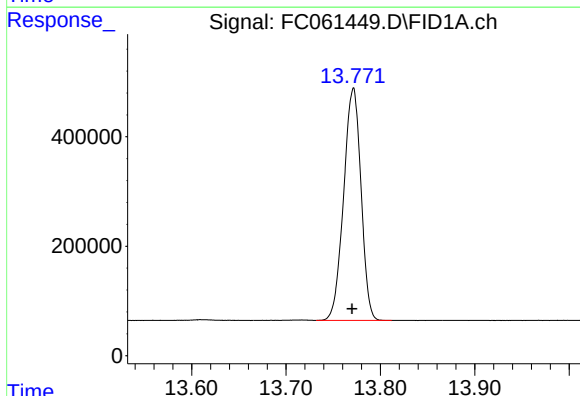
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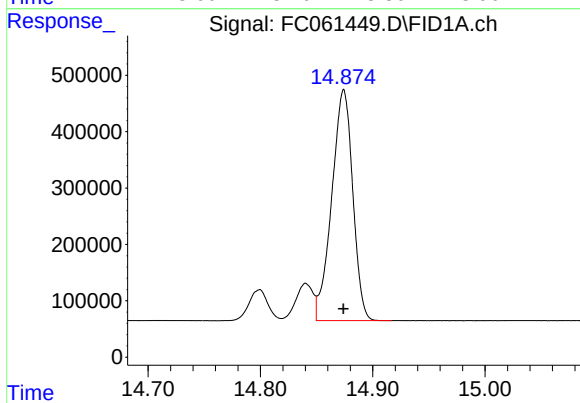
#12 1-chlorooctadecane (SURR)

R.T.: 13.018 min
Delta R.T.: 0.002 min
Response: 4787598
Conc: 34.18 ug/ml



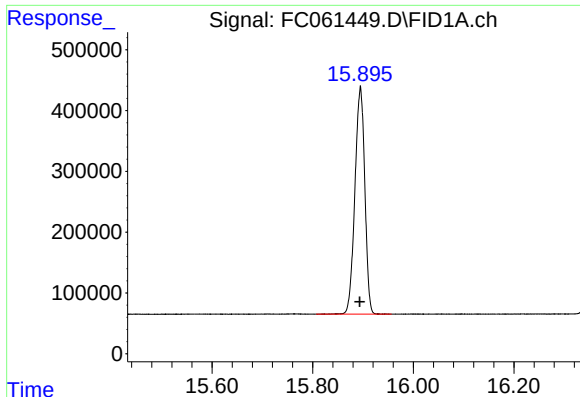
#13 n-Docosane (C22)

R.T.: 13.771 min
Delta R.T.: 0.001 min
Response: 5432439
Conc: 35.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.000 min
Response: 5331710
Conc: 34.46 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.001 min
Response: 5090523
Conc: 33.82 ug/ml

Instrument :

FID_C

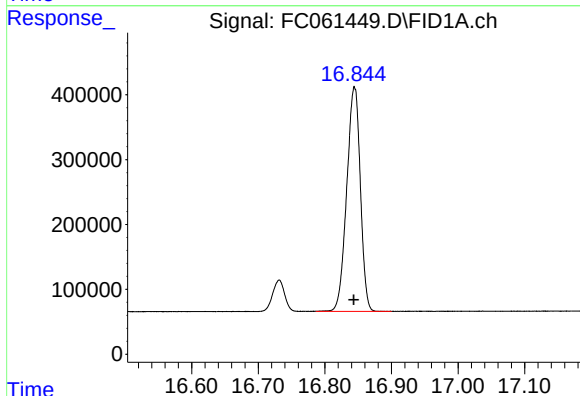
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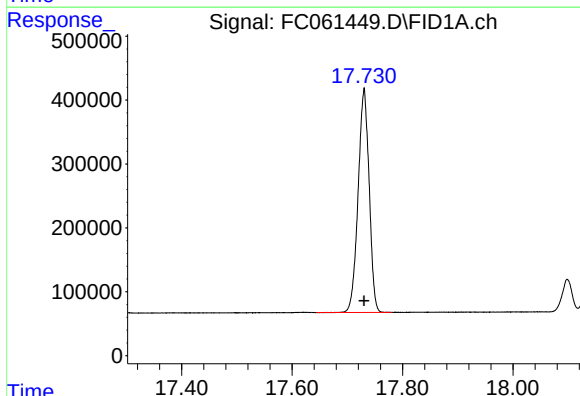
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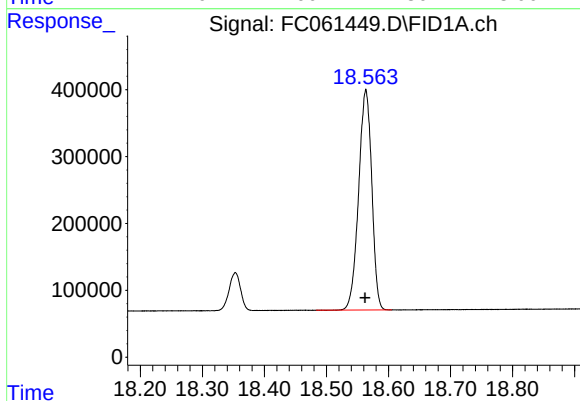
#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.000 min
Response: 4925384
Conc: 33.35 ug/ml



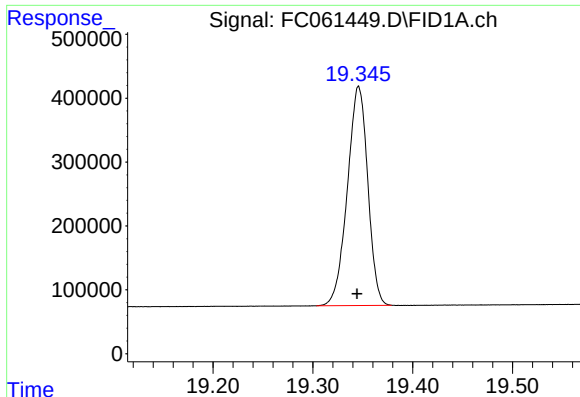
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.000 min
Response: 4851883
Conc: 35.13 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: 0.001 min
Response: 4845368
Conc: 44.14 ug/ml



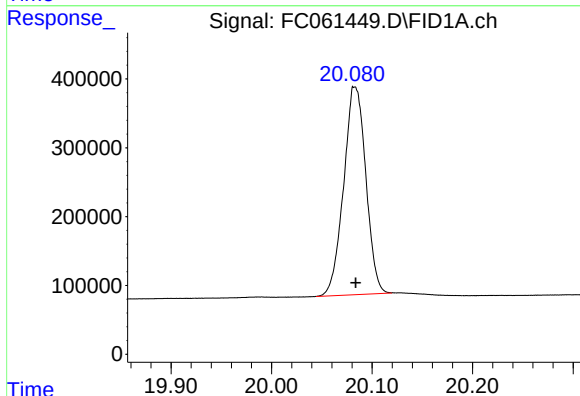
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: 0.001 min
Response: 4879559
Conc: 63.22 ug/ml

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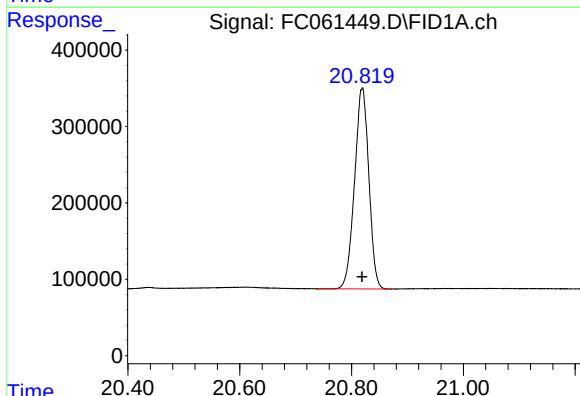
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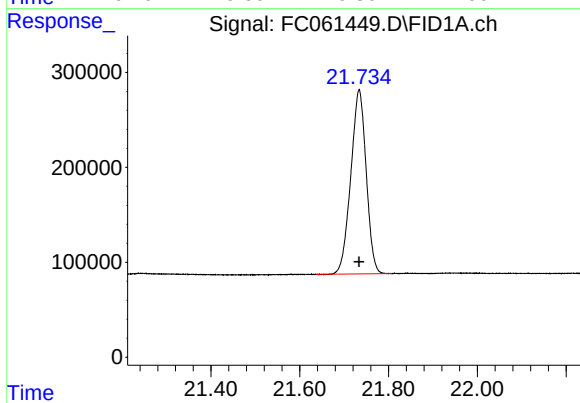
#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.003 min
Response: 4640965
Conc: 82.20 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.000 min
Response: 4661127
Conc: 100.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: 0.000 min
Response: 4669005
Conc: 111.32 ug/ml