

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090222AL\
 Data File : FC061432.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2022 20:33
 Operator : YP/AJ
 Sample : PB147463BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147463BS

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 01:20:26 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	4855397	34.669 ug/ml
Spiked Amount 50.000		Recovery =	69.34%
Target Compounds			
1) T n-Nonane (C9)	3.334	3491590	23.094 ug/ml
2) T n-Decane (C10)	4.405	4322088	28.484 ug/ml
4) T n-Dodecane (C12)	6.425	4932126	31.846 ug/ml
6) T n-Tetradecane (C14)	8.223	5014644	32.060 ug/ml
7) T n-Hexadecane (C16)	9.825	5277405	33.693 ug/ml
8) T n-Octadecane (C18)	11.267	5606491	35.537 ug/ml
10) T n-Eicosane (C20)	12.577	5532612	35.589 ug/ml
11) T n-Heneicosane (C21)	13.190	5505144	35.195 ug/ml
13) T n-Docosane (C22)	13.775	5410585	34.866 ug/ml
14) T n-Tetracosane (C24)	14.879	5330025	34.454 ug/ml
15) T n-Hexacosane (C26)	15.901	5113699	33.977 ug/ml
16) T n-Octacosane (C28)	16.850	4983299	33.738 ug/ml
17) T n-Tricontane (C30)	17.736	4971034	35.991 ug/ml
18) T n-Dotriacontane (C32)	18.568	5017444	45.711 ug/mlm
19) T n-Tetratriacontane (C34)	19.352	5055309	65.494 ug/mlm
20) T n-Hexatriacontane (C36)	20.090	4838173	85.695 ug/mlm
21) T n-Octatriacontane (C38)	20.826	4892085	105.452 ug/mlm
22) T n-Tetracontane (C40)	21.744	4809123	114.657 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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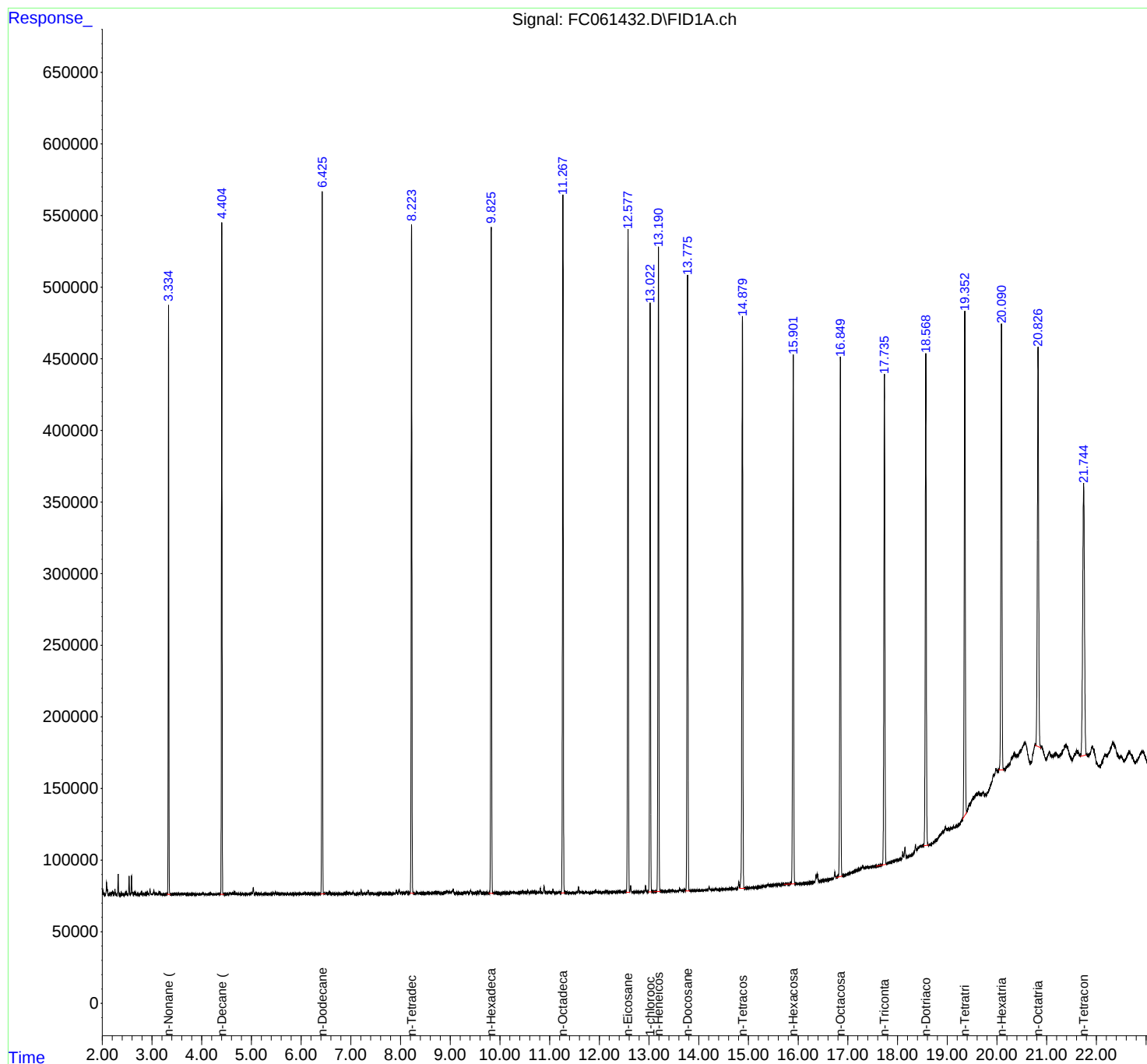
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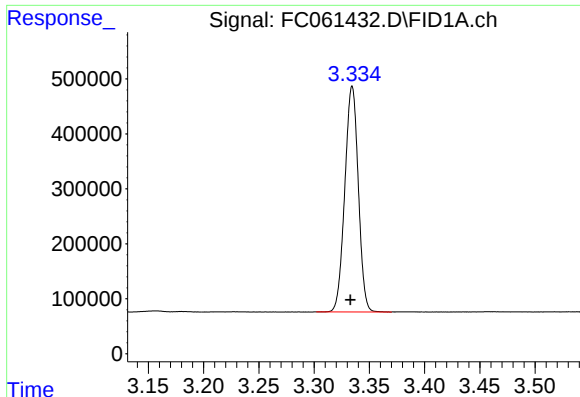
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#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: 0.001 min
Response: 3491590
Conc: 23.09 ug/ml

Instrument :

FID_C

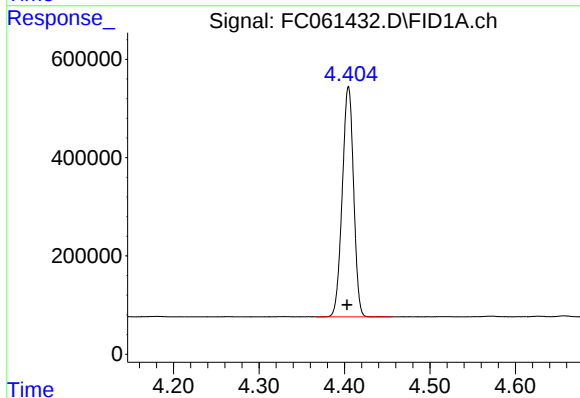
ClientSampleId :

PB147463BS

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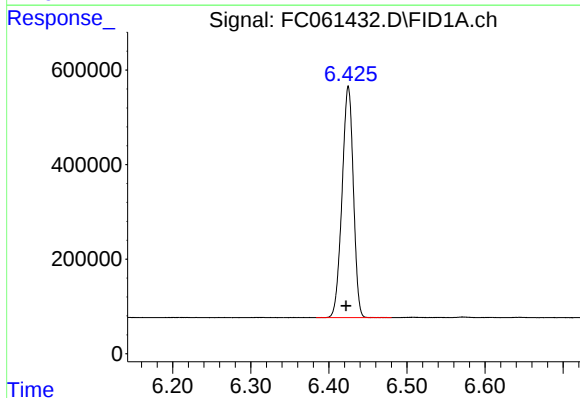
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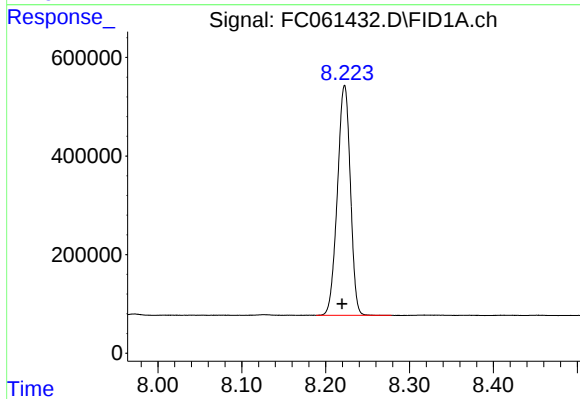
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: 0.002 min
Response: 4322088
Conc: 28.48 ug/ml



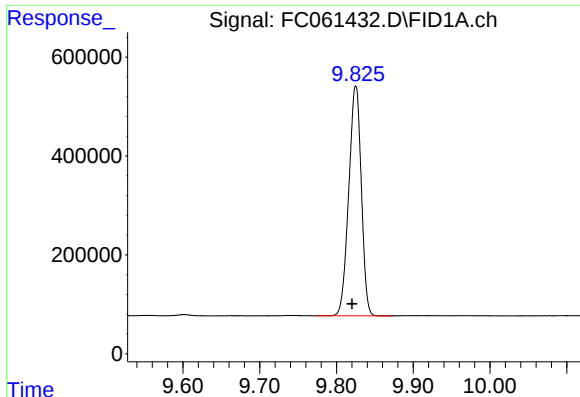
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: 0.003 min
Response: 4932126
Conc: 31.85 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: 0.003 min
Response: 5014644
Conc: 32.06 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: 0.005 min
Response: 5277405
Conc: 33.69 ug/ml

Instrument :

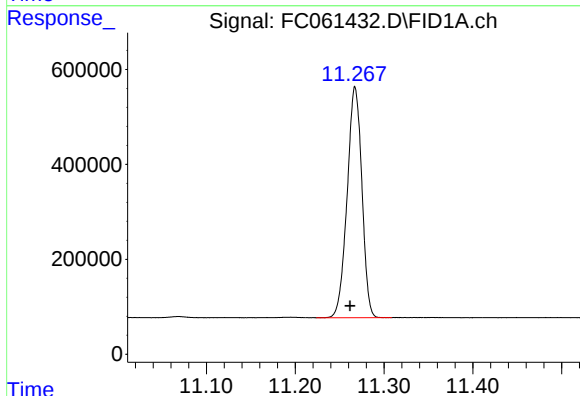
FID_C

ClientSampleId :

PB147463BS

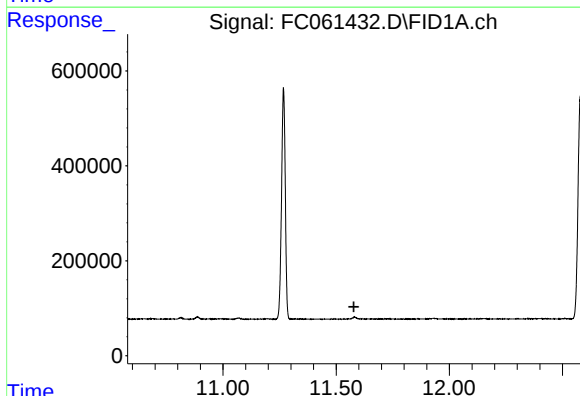
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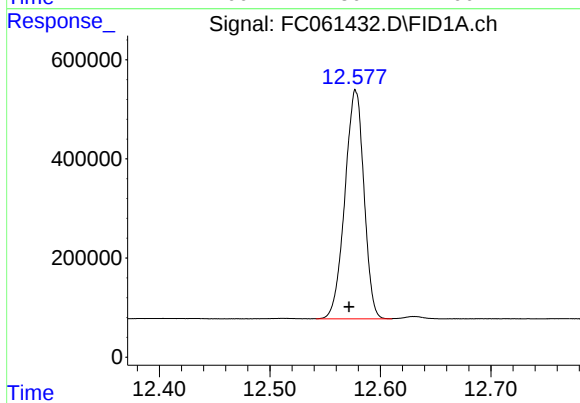
#8 n-Octadecane (C18)

R.T.: 11.267 min
Delta R.T.: 0.005 min
Response: 5606491
Conc: 35.54 ug/ml



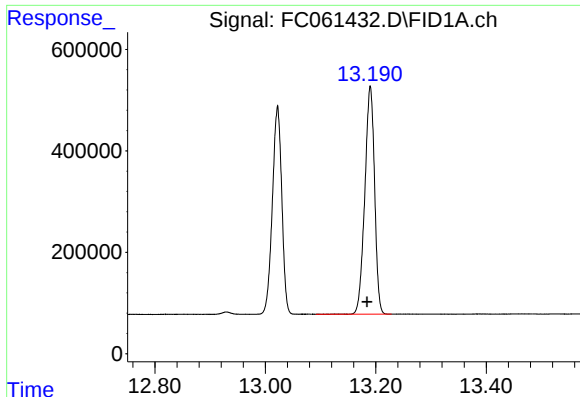
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: 0.006 min
Response: 5532612
Conc: 35.59 ug/ml



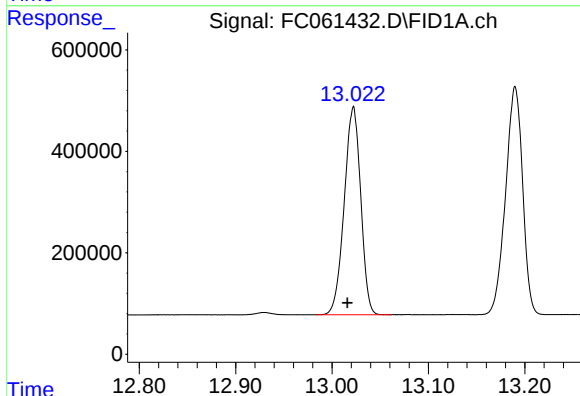
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: 0.006 min
Response: 5505144
Conc: 35.20 ug/ml

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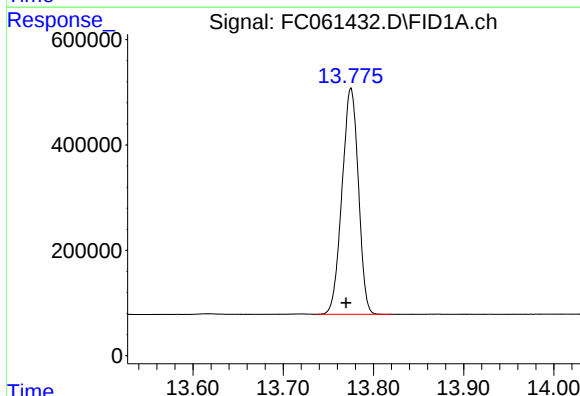
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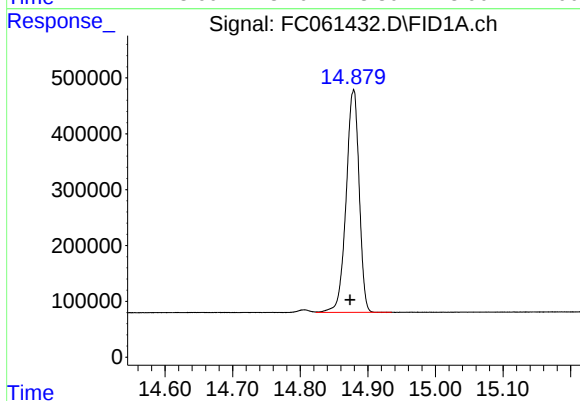
#12 1-chlorooctadecane (SURR)

R.T.: 13.022 min
Delta R.T.: 0.006 min
Response: 4855397
Conc: 34.67 ug/ml



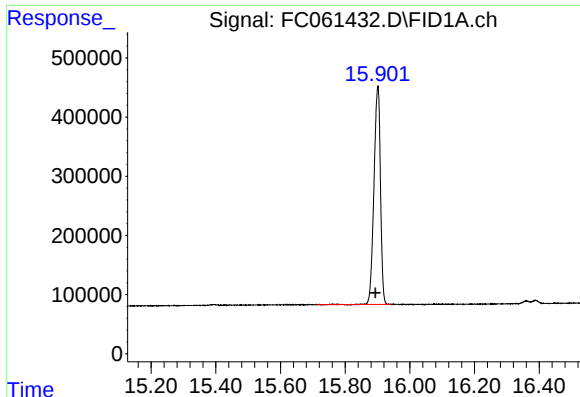
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: 0.005 min
Response: 5410585
Conc: 34.87 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: 0.005 min
Response: 5330025
Conc: 34.45 ug/ml



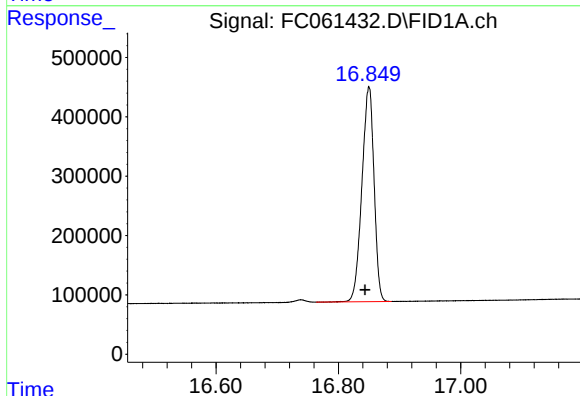
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: 0.007 min
Response: 5113699
Conc: 33.98 ug/ml

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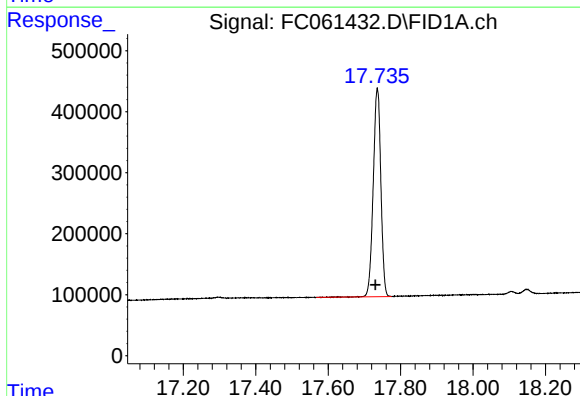
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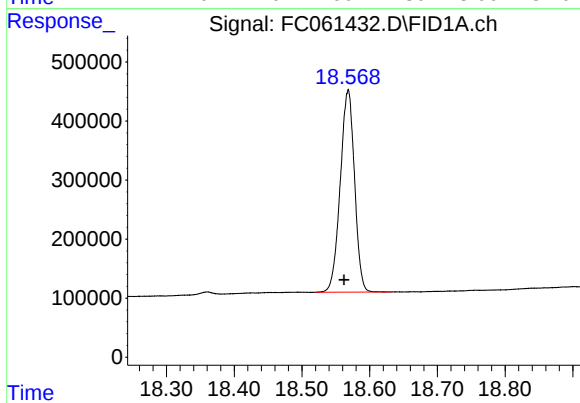
#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: 0.006 min
Response: 4983299
Conc: 33.74 ug/ml



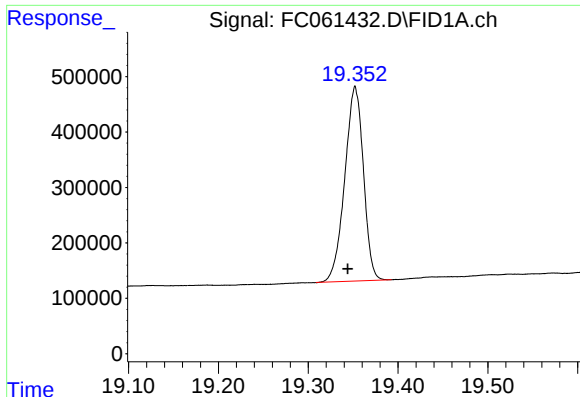
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: 0.005 min
Response: 4971034
Conc: 35.99 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: 0.006 min
Response: 5017444
Conc: 45.71 ug/ml m



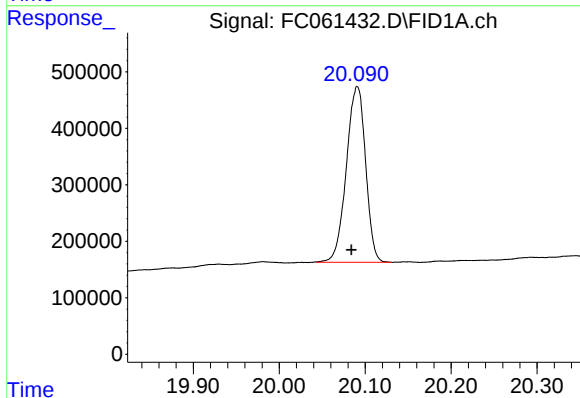
#19 n-Tetratriacontane (C34)

R.T.: 19.352 min
Delta R.T.: 0.008 min
Response: 5055309
Conc: 65.49 ug/ml

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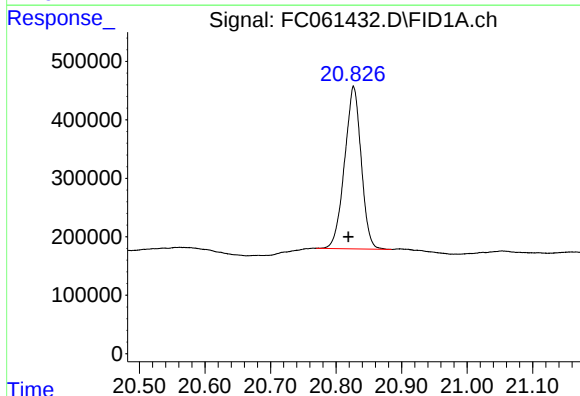
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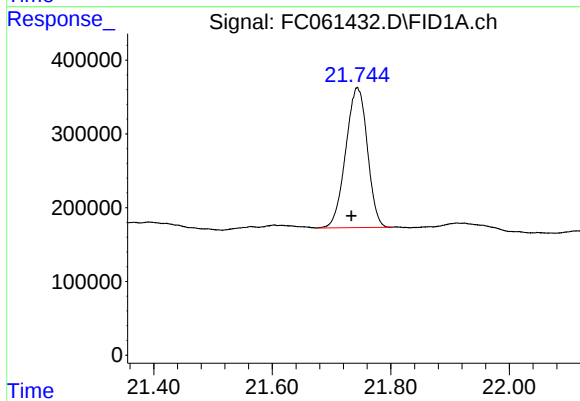
#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: 0.006 min
Response: 4838173
Conc: 85.69 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: 0.007 min
Response: 4892085
Conc: 105.45 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.744 min
Delta R.T.: 0.010 min
Response: 4809123
Conc: 114.66 ug/ml m