

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067422.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2024 05:31
 Operator : YP/AJ
 Sample : P4368-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:27:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 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...	12.941	4218597	37.269 ug/ml
Spiked Amount 50.000		Recovery =	74.54%
Target Compounds			
1) T n-Nonane (C9)	3.276	190559	1.503 ug/ml
2) T n-Decane (C10)	4.340	231498	1.801 ug/mlm
4) T n-Dodecane (C12)	6.356	288714	2.225 ug/ml
6) T n-Tetradecane (C14)	8.149	274935	2.135 ug/ml
7) T n-Hexadecane (C16)	9.748	267313	2.008 ug/ml
8) T n-Octadecane (C18)	11.188	279168	2.059 ug/ml
10) T n-Eicosane (C20)	12.496	291509	2.233 ug/ml
11) T n-Heneicosane (C21)	13.107	268004	2.090 ug/ml
13) T n-Docosane (C22)	13.692	280699	2.198 ug/ml
14) T n-Tetracosane (C24)	14.792	277338	2.169 ug/mlm
15) T n-Hexacosane (C26)	15.813	267265	2.120 ug/mlm
16) T n-Octacosane (C28)	16.763	267042	2.126 ug/ml
17) T n-Tricontane (C30)	17.649	275775	2.141 ug/ml
18) T n-Dotriacontane (C32)	18.480	277780	2.224 ug/ml
19) T n-Tetratriacontane (C34)	19.262	268717	2.459 ug/ml
20) T n-Hexatriacontane (C36)	20.001	257750	2.727 ug/mlm
21) T n-Octatriacontane (C38)	20.726	269775	3.076 ug/ml
22) T n-Tetracontane (C40)	21.612	291715	3.390 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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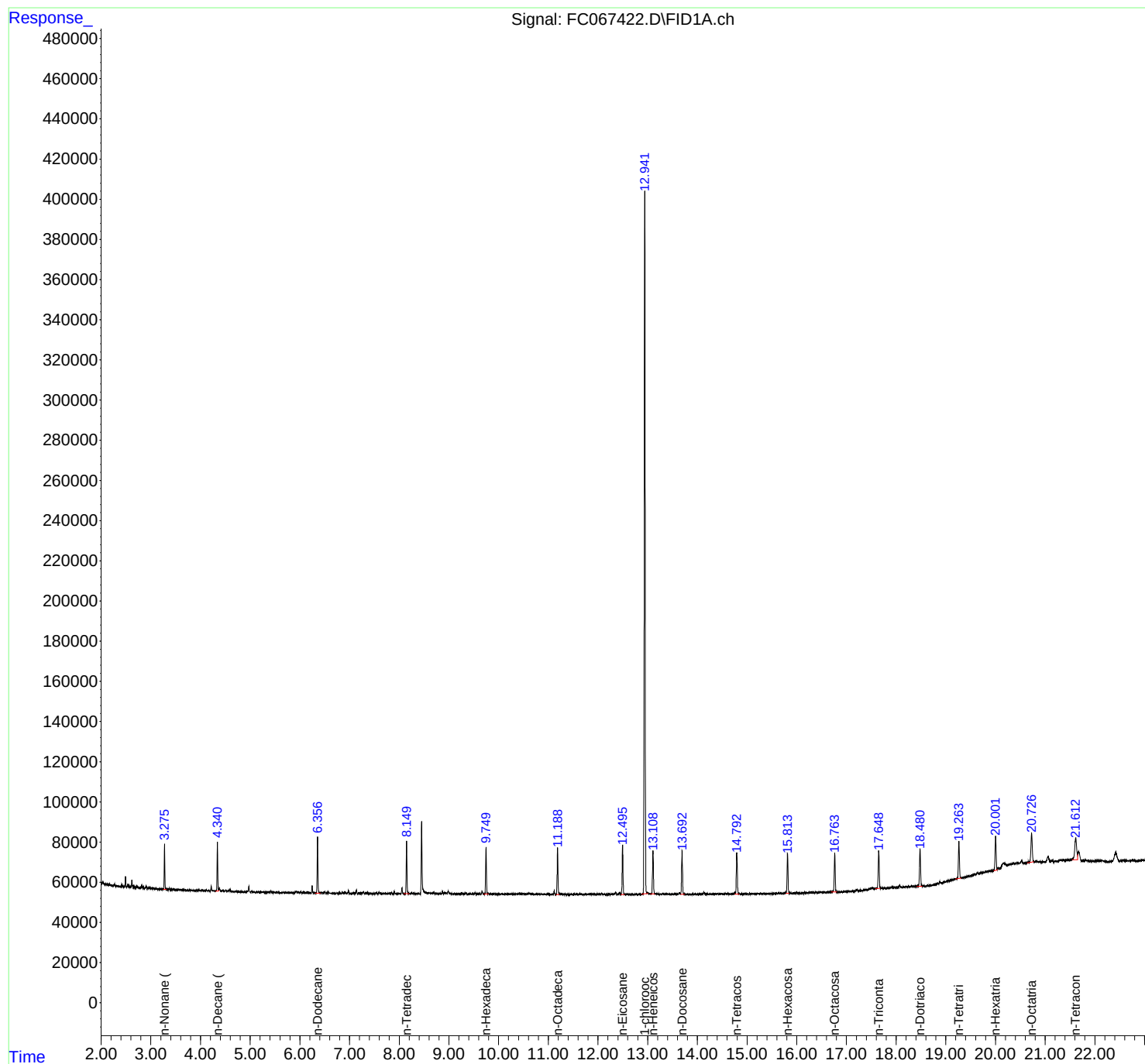
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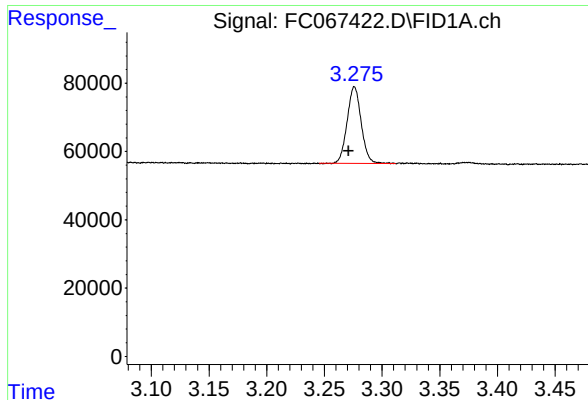
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#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 190559
Conc: 1.50 ug/ml

Instrument :

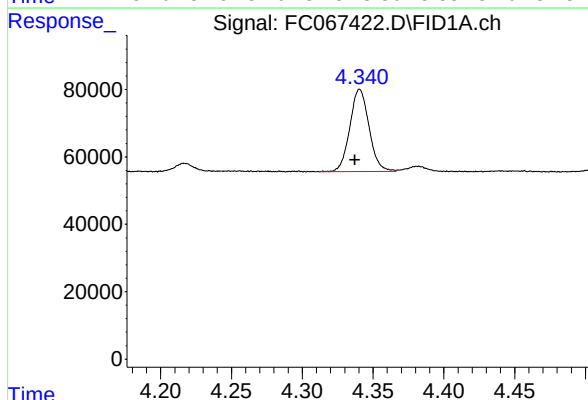
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ClientSampleId :

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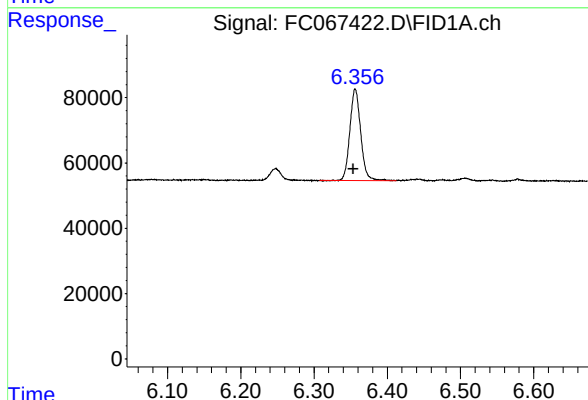
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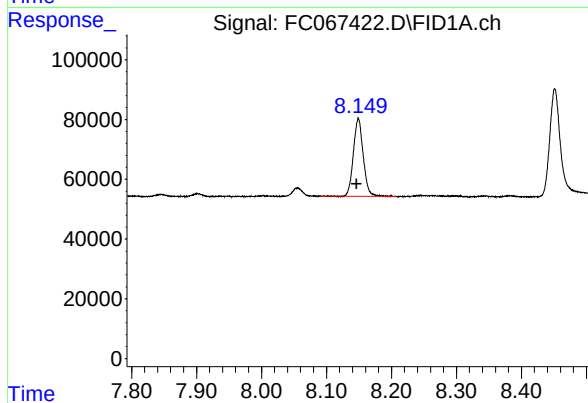
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 231498
Conc: 1.80 ug/ml m



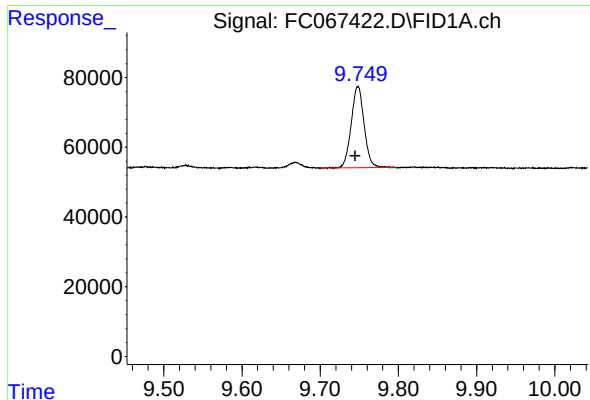
#4 n-Dodecane (C12)

R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 288714
Conc: 2.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.003 min
Response: 274935
Conc: 2.13 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 267313
Conc: 2.01 ug/ml

Instrument :

FID_C

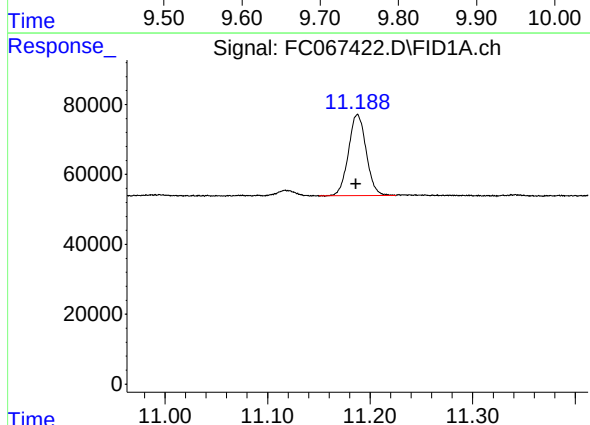
ClientSampleId :

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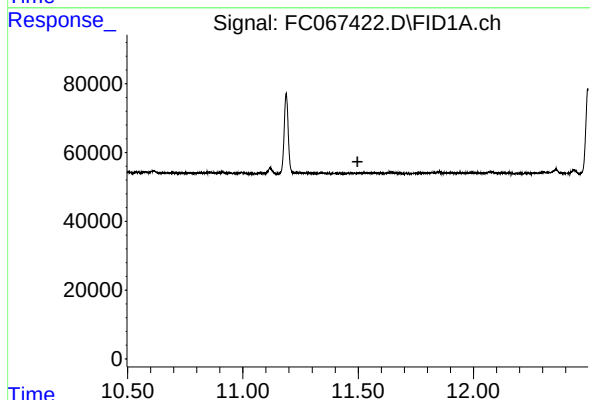
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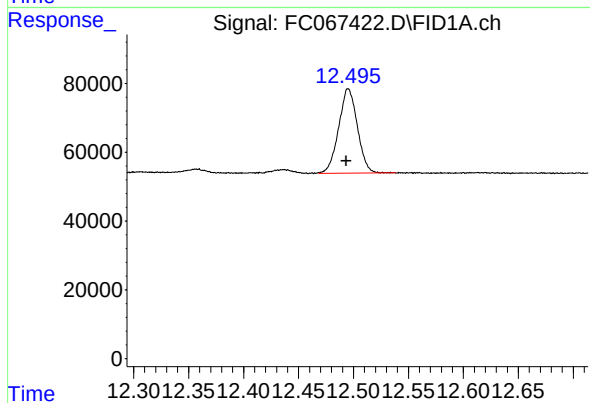
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 279168
Conc: 2.06 ug/ml



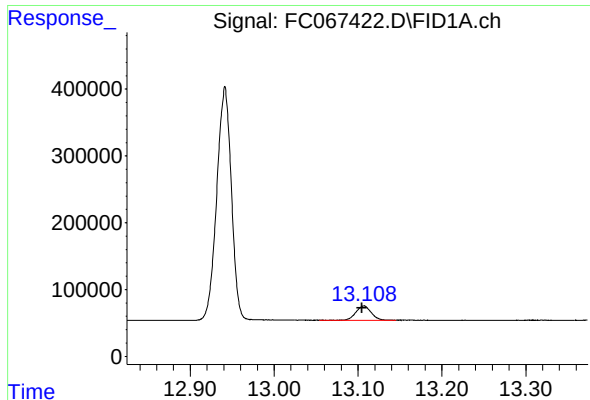
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.002 min
Response: 291509
Conc: 2.23 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.002 min
Response: 268004
Conc: 2.09 ug/ml

Instrument :

FID_C

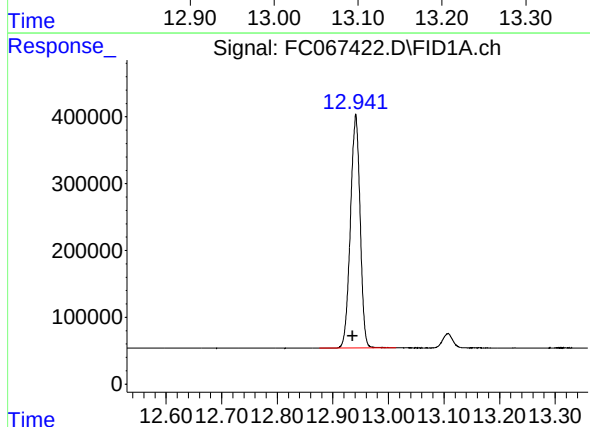
ClientSampleId :

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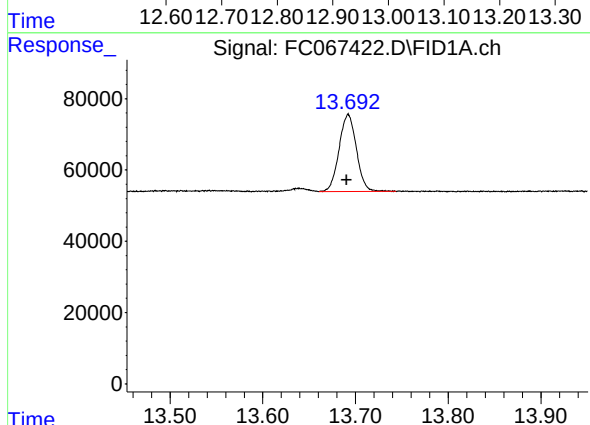
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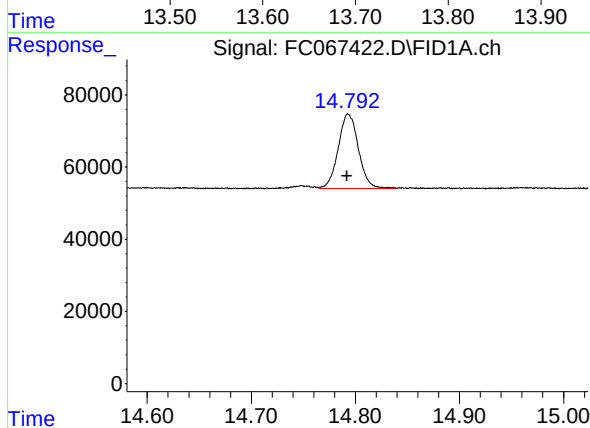
#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.005 min
Response: 4218597
Conc: 37.27 ug/ml



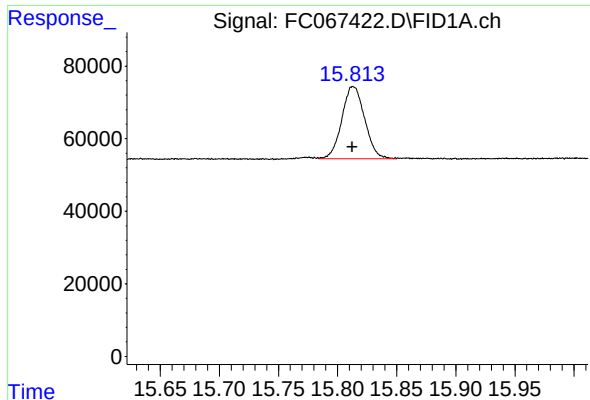
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 280699
Conc: 2.20 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 277338
Conc: 2.17 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 267265
Conc: 2.12 ug/ml

Instrument :

FID_C

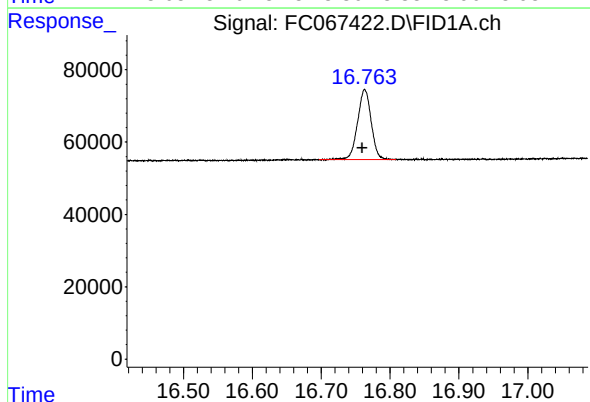
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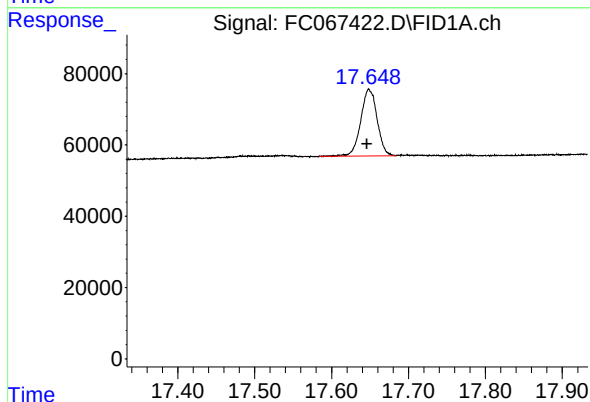
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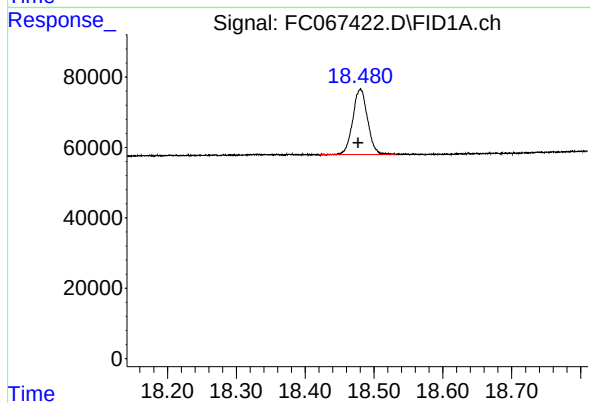
#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.004 min
Response: 267042
Conc: 2.13 ug/ml



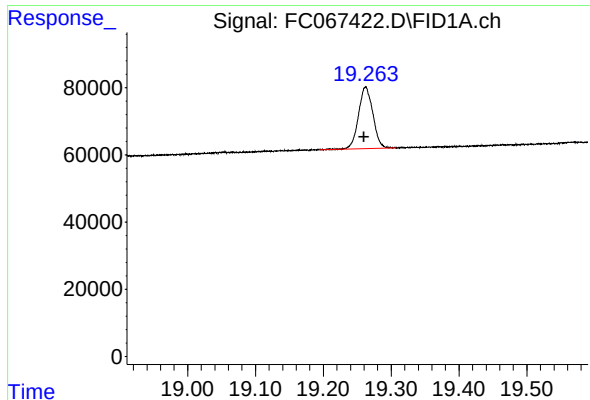
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.003 min
Response: 275775
Conc: 2.14 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.002 min
Response: 277780
Conc: 2.22 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: 0.003 min
Response: 268717
Conc: 2.46 ug/ml

Instrument :

FID_C

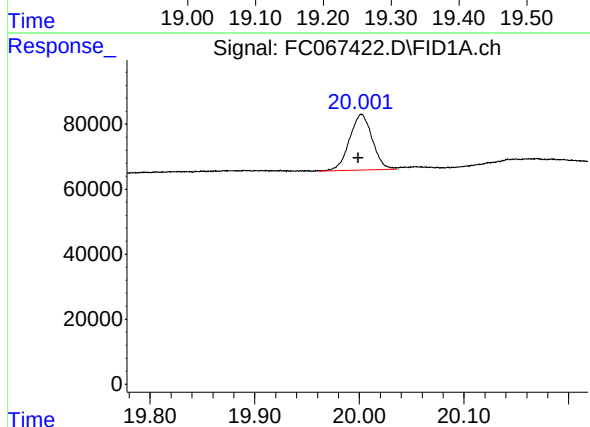
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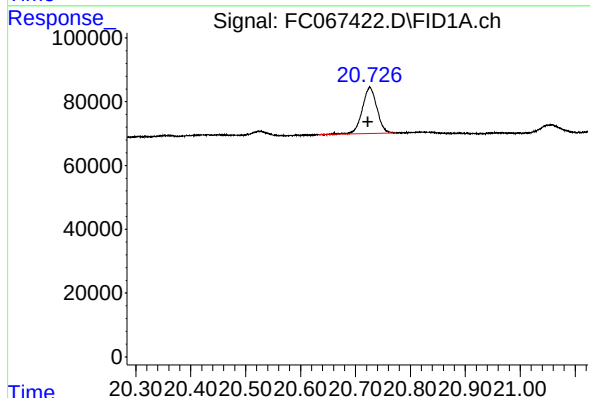
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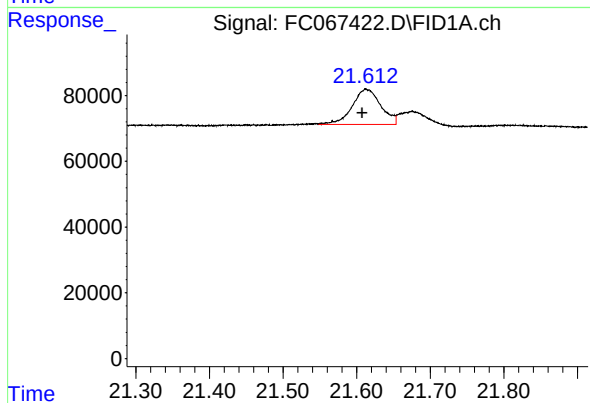
#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: 0.002 min
Response: 257750
Conc: 2.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: 0.003 min
Response: 269775
Conc: 3.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: 0.005 min
Response: 291715
Conc: 3.39 ug/ml m