

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063309.D
 Signal(s) : FID1A.ch
 Acq On : 06 Apr 2023 20:25
 Operator : YP/AJ
 Sample : 02213-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 06:35:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 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...	12.968	5057114	45.705 ug/ml
Spiked Amount 50.000		Recovery =	91.41%
Target Compounds			
1) T n-Nonane (C9)	3.299	155747	1.109 ug/ml
2) T n-Decane (C10)	4.366	176231	1.293 ug/ml
4) T n-Dodecane (C12)	6.384	202931	1.508 ug/ml
6) T n-Tetradecane (C14)	8.178	207673	1.534 ug/ml
7) T n-Hexadecane (C16)	9.778	194766	1.434 ug/ml
8) T n-Octadecane (C18)	11.218	300778	2.171 ug/ml
10) T n-Eicosane (C20)	12.524	294770	2.194 ug/ml
11) T n-Heneicosane (C21)	13.135	254027	1.887 ug/ml
13) T n-Docosane (C22)	13.721	263850	1.979 ug/ml
14) T n-Tetracosane (C24)	14.822	275620	2.050 ug/ml
15) T n-Hexacosane (C26)	15.840	267890	2.001 ug/ml
16) T n-Octacosane (C28)	16.785	271401	2.004 ug/ml
17) T n-Tricontane (C30)	17.671	337184	2.437 ug/ml
18) T n-Dotriacontane (C32)	18.499	414414	2.935 ug/ml
19) T n-Tetratriacontane (C34)	19.279	337815	2.448 ug/ml
20) T n-Hexatriacontane (C36)	20.018	258065	2.019 ug/ml
21) T n-Octatriacontane (C38)	20.745	268600	2.181 ug/ml
22) T n-Tetracontane (C40)	21.635	391223	3.324 ug/ml

(f)=RT Delta > 1/2 Window

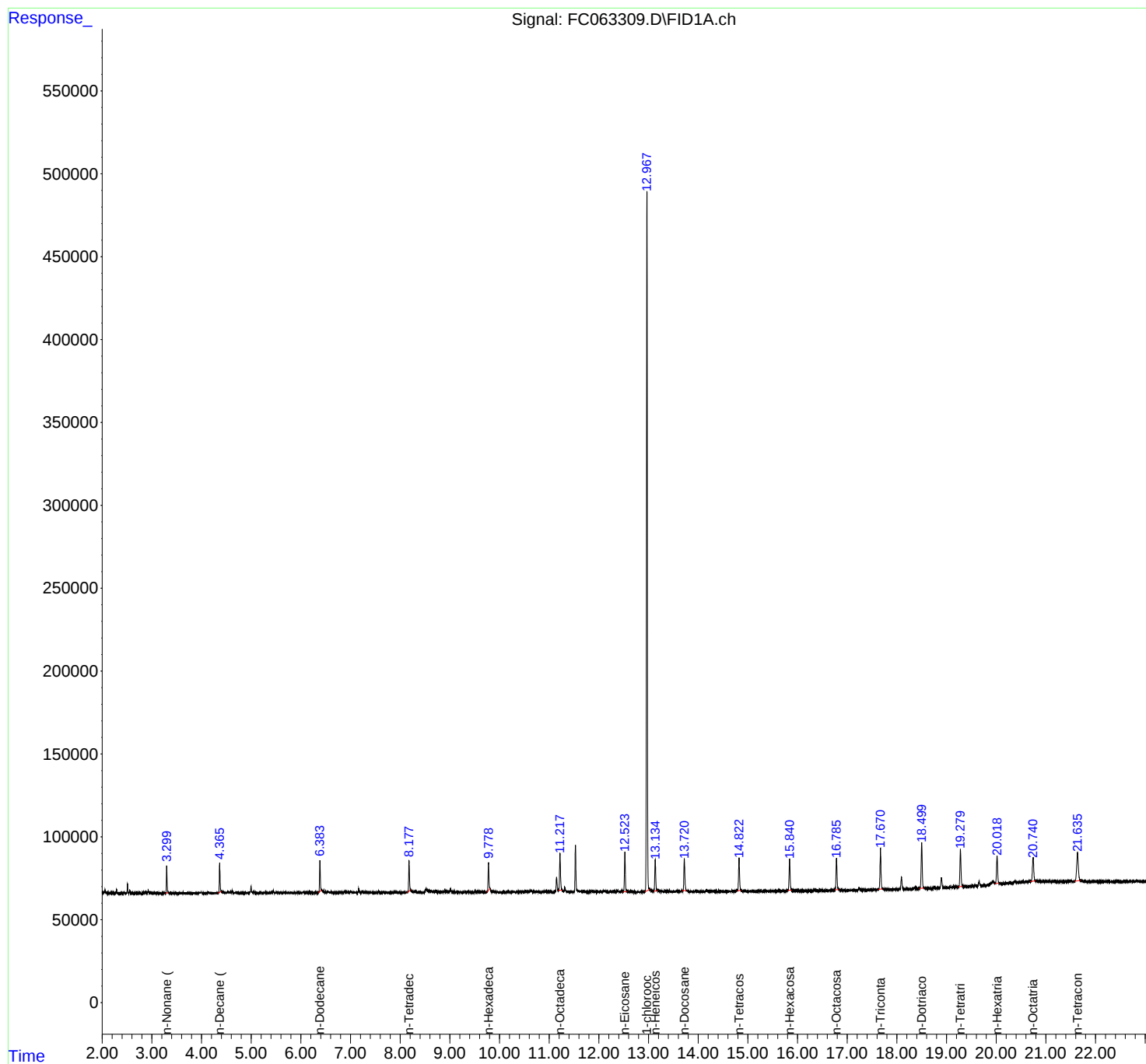
(m)=manual int.

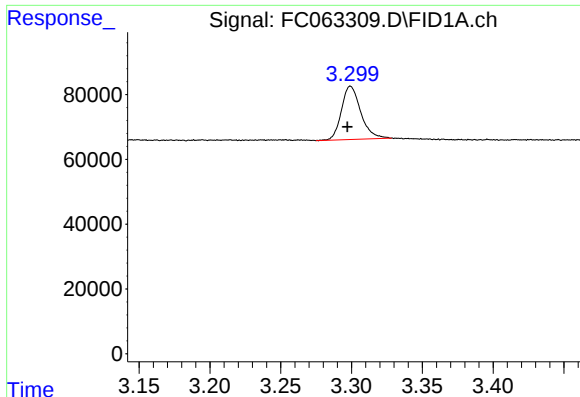
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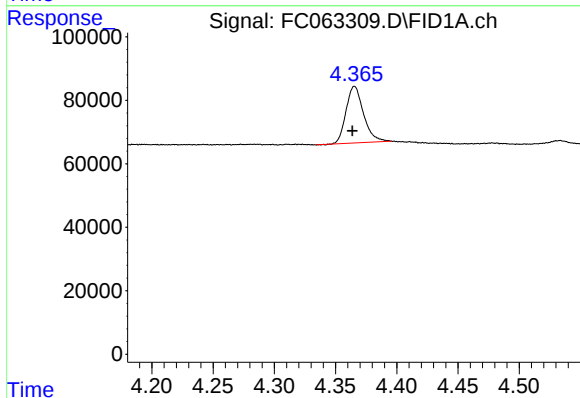




#1 n-Nonane (C9)

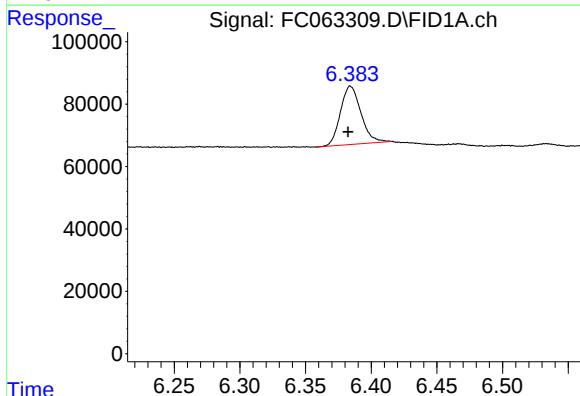
R.T.: 3.299 min
Delta R.T.: 0.002 min
Response: 155747
Conc: 1.11 ug/ml

Instrument :
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LOD-MDL-SOIL-01-QT2-2023



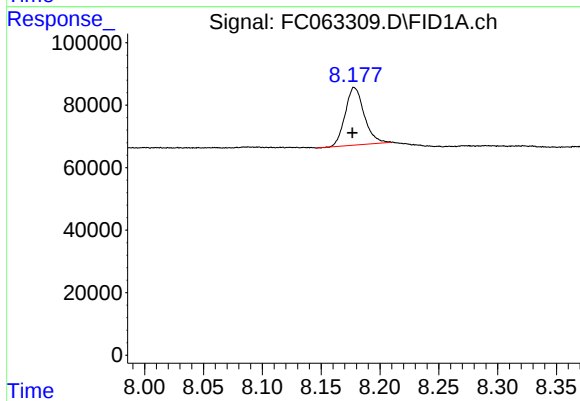
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 176231
Conc: 1.29 ug/ml



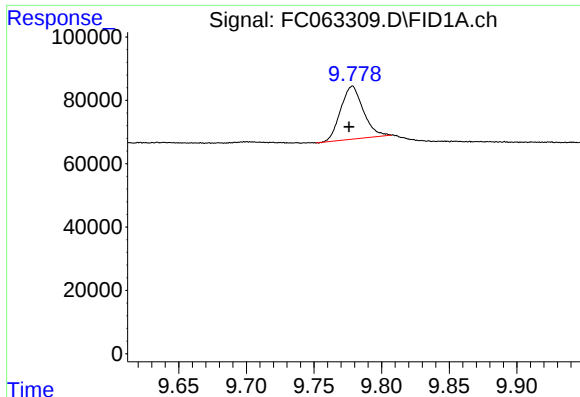
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 202931
Conc: 1.51 ug/ml



#6 n-Tetradecane (C14)

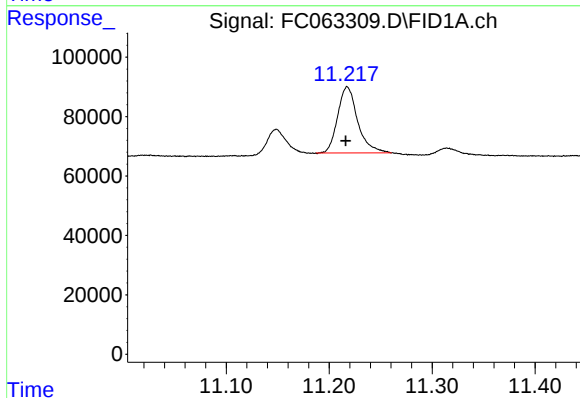
R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 207673
Conc: 1.53 ug/ml



#7 n-Hexadecane (C16)

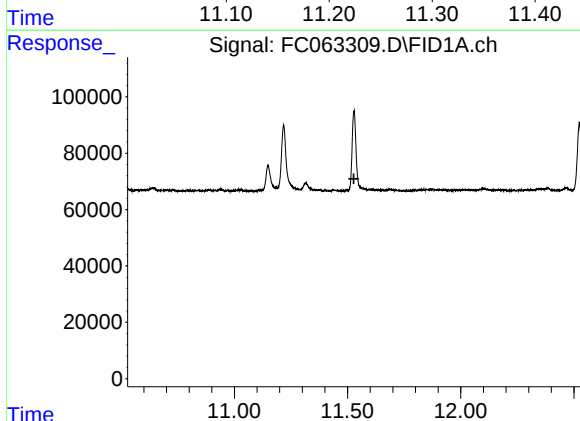
R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 194766
Conc: 1.43 ug/ml

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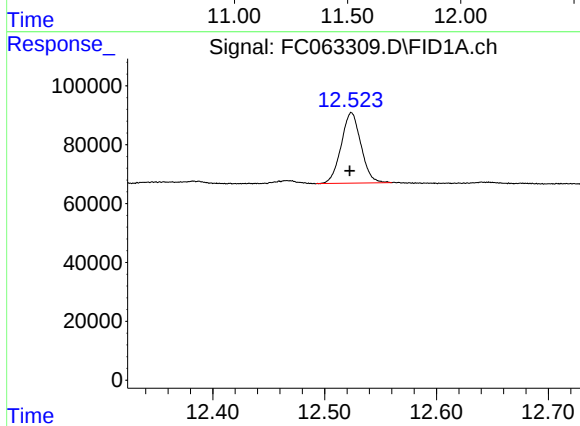
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: 0.001 min
Response: 300778
Conc: 2.17 ug/ml



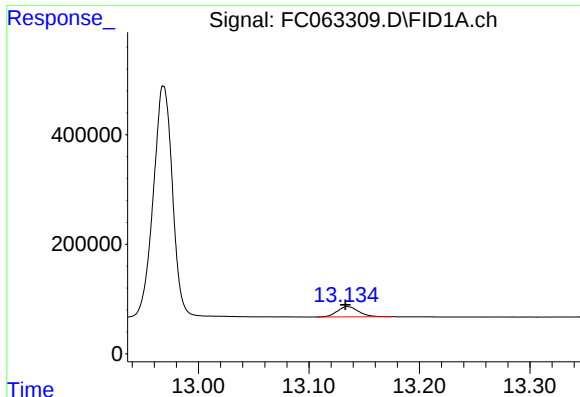
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.528 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

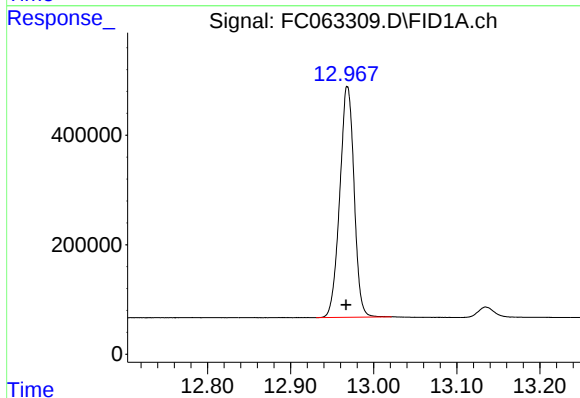
R.T.: 12.524 min
Delta R.T.: 0.002 min
Response: 294770
Conc: 2.19 ug/ml



#11 n-Heneicosane (C21)

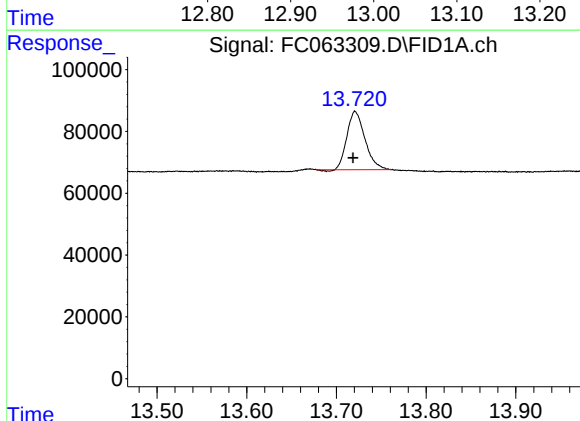
R.T.: 13.135 min
Delta R.T.: 0.002 min
Response: 254027
Conc: 1.89 ug/ml

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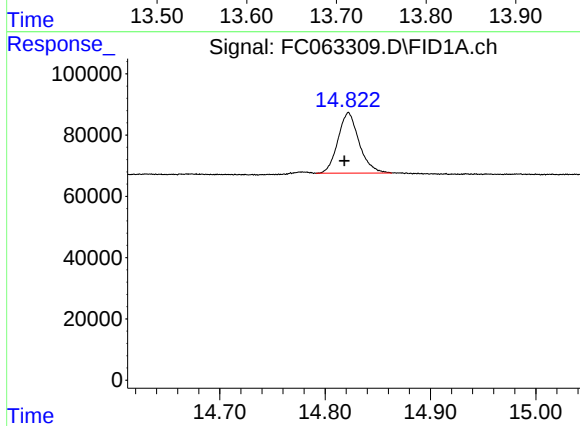
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: 0.001 min
Response: 5057114
Conc: 45.71 ug/ml



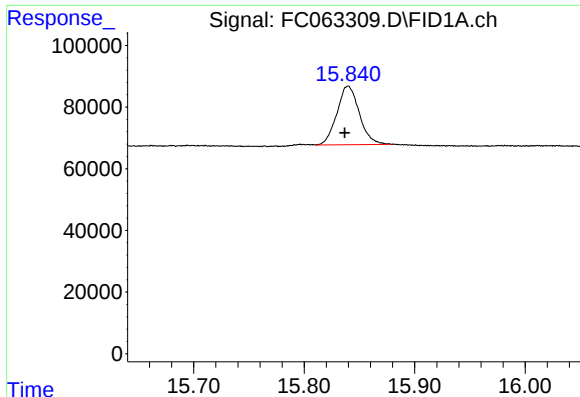
#13 n-Docosane (C22)

R.T.: 13.721 min
Delta R.T.: 0.002 min
Response: 263850
Conc: 1.98 ug/ml



#14 n-Tetracosane (C24)

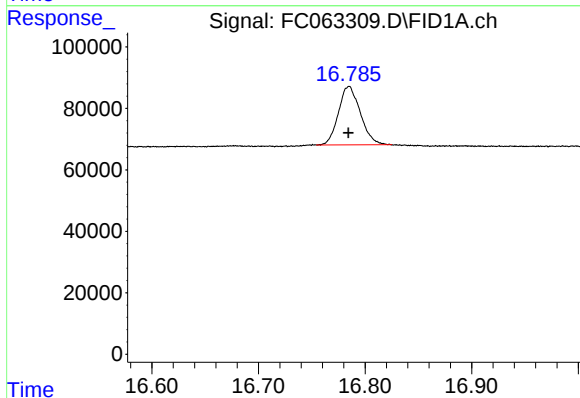
R.T.: 14.822 min
Delta R.T.: 0.004 min
Response: 275620
Conc: 2.05 ug/ml



#15 n-Hexacosane (C26)

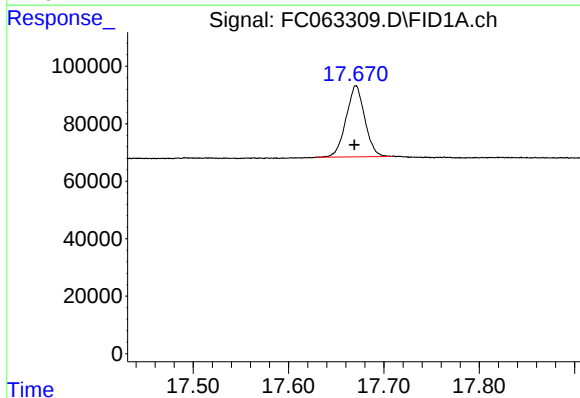
R.T.: 15.840 min
Delta R.T.: 0.003 min
Response: 267890
Conc: 2.00 ug/ml

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FID_C
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LOD-MDL-SOIL-01-QT2-2023



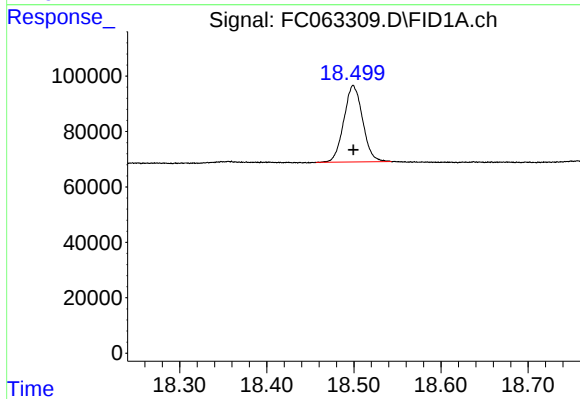
#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 271401
Conc: 2.00 ug/ml



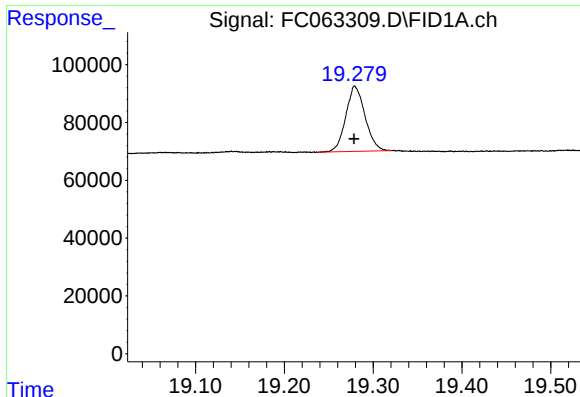
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: 0.001 min
Response: 337184
Conc: 2.44 ug/ml



#18 n-Dotriacontane (C32)

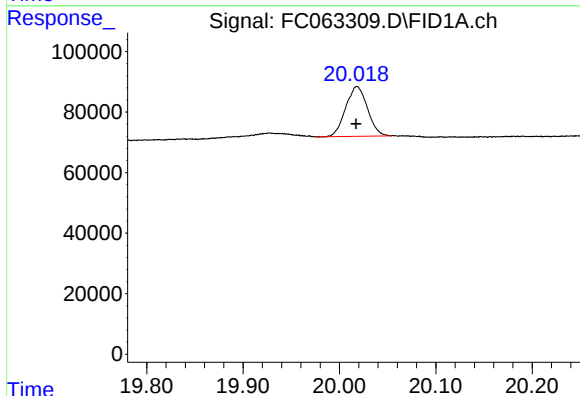
R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 414414
Conc: 2.94 ug/ml



#19 n-Tetratriacontane (C34)

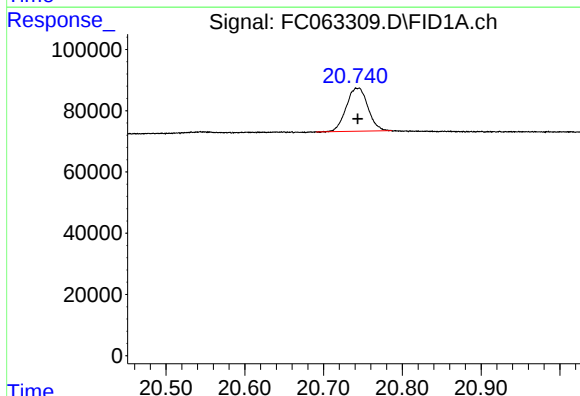
R.T.: 19.279 min
Delta R.T.: 0.000 min
Response: 337815
Conc: 2.45 ug/ml

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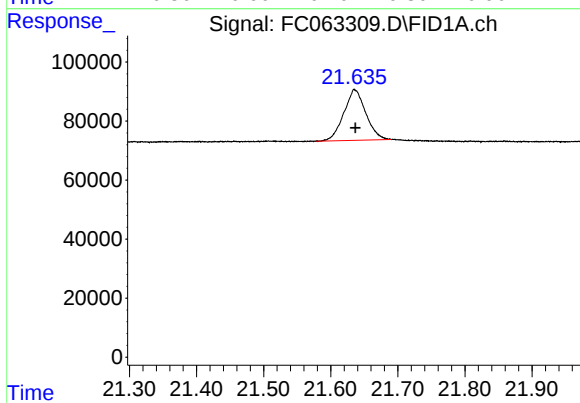
#20 n-Hexatriacontane (C36)

R.T.: 20.018 min
Delta R.T.: 0.000 min
Response: 258065
Conc: 2.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: 0.001 min
Response: 268600
Conc: 2.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: -0.001 min
Response: 391223
Conc: 3.32 ug/ml