

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100623AL\
 Data File : FC064760.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2023 11:44
 Operator : YP/AJ
 Sample : 04699-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2023
 Supervised By :Ankita Jodhani 10/09/2023

Integration File: autoint1.e
 Quant Time: Oct 07 02:37:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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...	12.953	5577689	38.293 ug/ml
Spiked Amount 50.000		Recovery =	76.59%
Target Compounds			
1) T n-Nonane (C9)	3.330	267569	1.514 ug/ml
2) T n-Decane (C10)	4.386	337872	1.881 ug/mlm
4) T n-Dodecane (C12)	6.394	427689	2.355 ug/ml
6) T n-Tetradecane (C14)	8.180	531715	2.997 ug/mlm
7) T n-Hexadecane (C16)	9.774	519868	2.892 ug/ml
8) T n-Octadecane (C18)	11.209	538806	2.976 ug/ml
10) T n-Eicosane (C20)	12.511	547506	3.214 ug/ml
11) T n-Heneicosane (C21)	13.121	530590	3.204 ug/ml
13) T n-Docosane (C22)	13.704	513872	3.154 ug/ml
14) T n-Tetracosane (C24)	14.803	496397	3.127 ug/ml
15) T n-Hexacosane (C26)	15.818	481428	3.154 ug/ml
16) T n-Octacosane (C28)	16.763	437098	2.953 ug/ml
17) T n-Tricontane (C30)	17.645	468011	3.150 ug/ml
18) T n-Dotriacontane (C32)	18.474	462275	3.168 ug/ml
19) T n-Tetratriacontane (C34)	19.253	432058	3.039 ug/ml
20) T n-Hexatriacontane (C36)	19.988	396108	2.876 ug/ml
21) T n-Octatriacontane (C38)	20.709	360786	2.633 ug/ml
22) T n-Tetracontane (C40)	21.591	322885	2.374 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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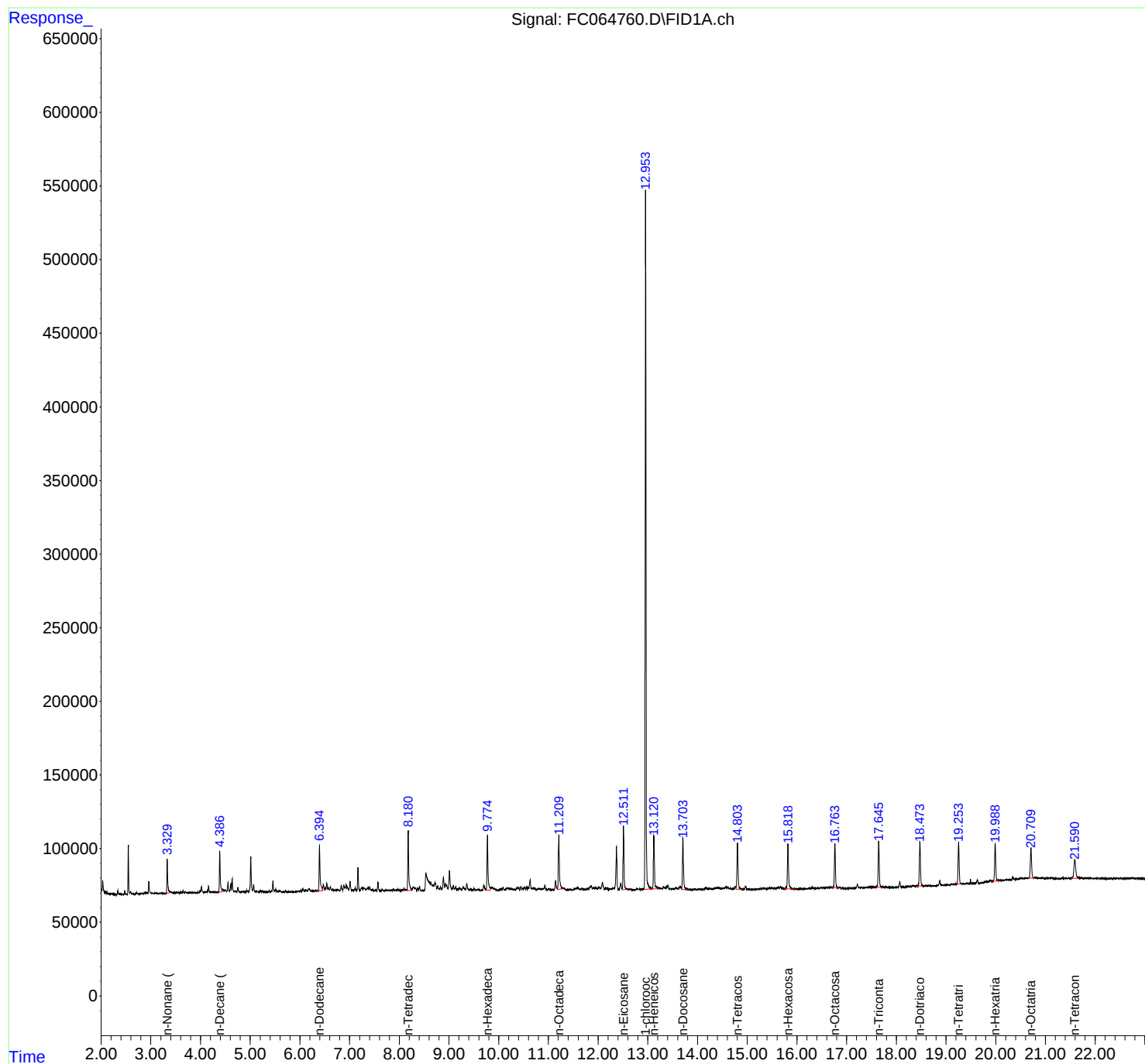
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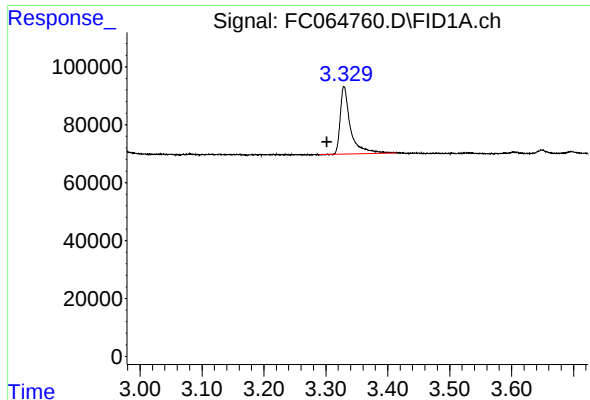
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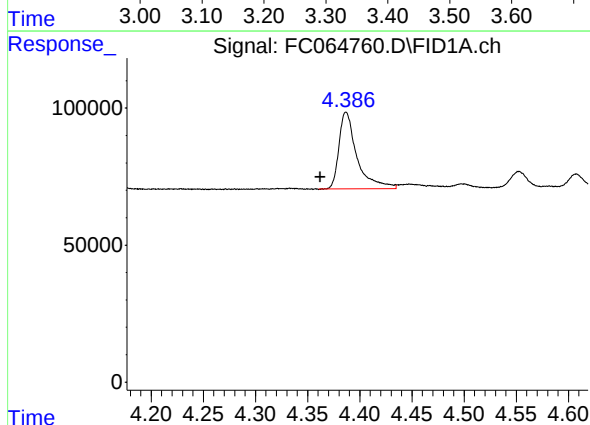
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.028 min
Response: 267569
Conc: 1.51 ug/ml

Instrument :
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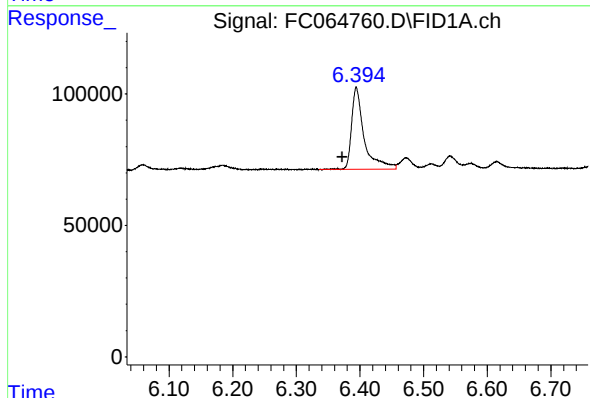
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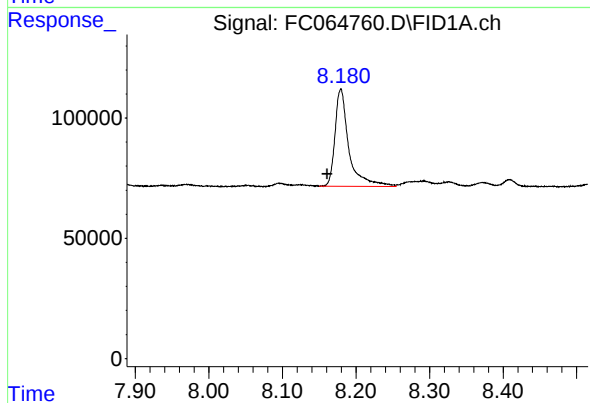
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: 0.024 min
Response: 337872
Conc: 1.88 ug/ml m



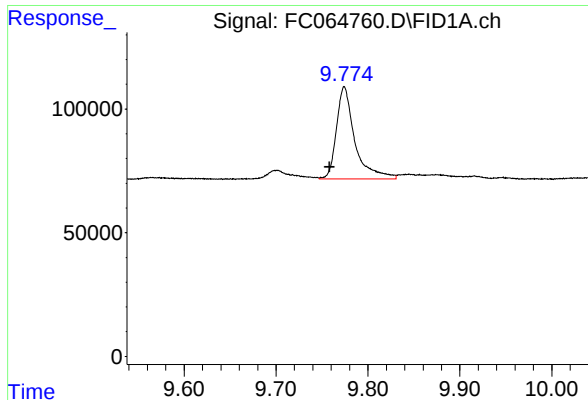
#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: 0.022 min
Response: 427689
Conc: 2.35 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: 0.018 min
Response: 531715
Conc: 3.00 ug/ml m



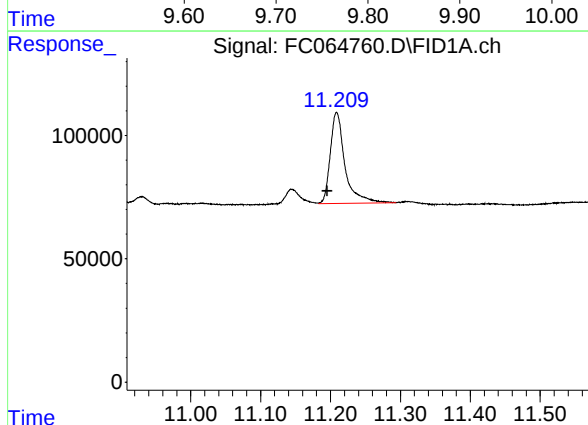
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.016 min
Response: 519868
Conc: 2.89 ug/ml

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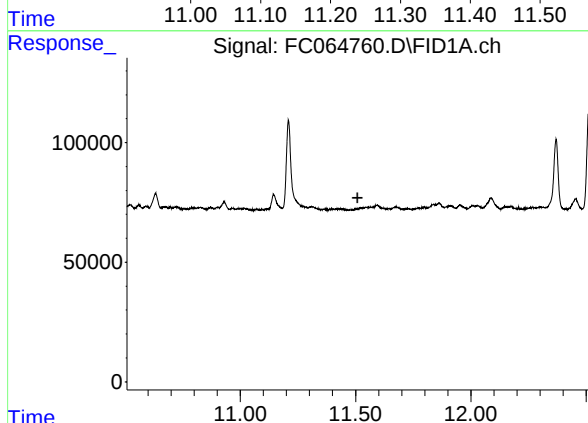
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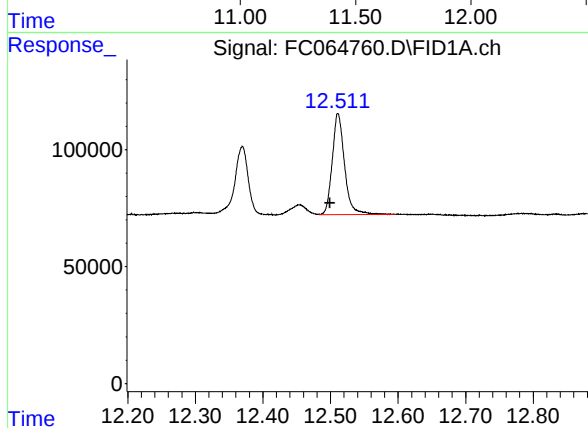
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: 0.013 min
Response: 538806
Conc: 2.98 ug/ml



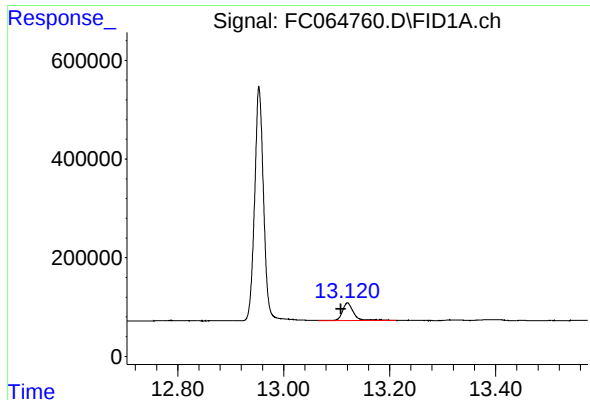
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.508 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.012 min
Response: 547506
Conc: 3.21 ug/ml



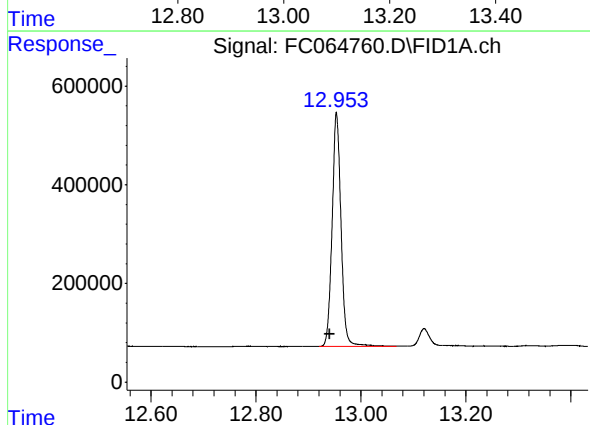
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: 0.013 min
Response: 530590
Conc: 3.20 ug/ml

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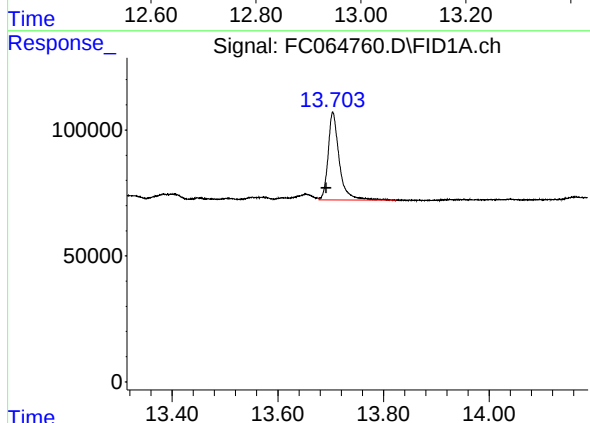
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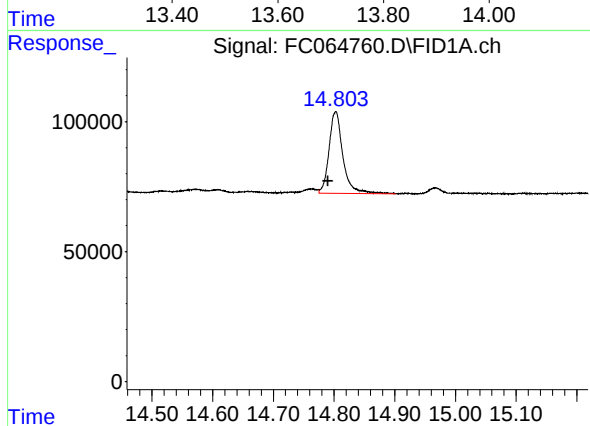
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: 0.013 min
Response: 5577689
Conc: 38.29 ug/ml



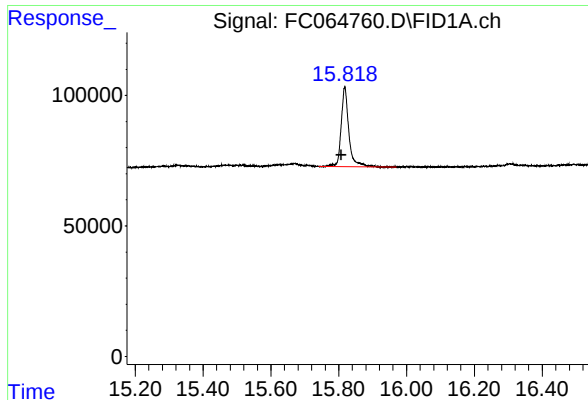
#13 n-Docosane (C22)

R.T.: 13.704 min
Delta R.T.: 0.012 min
Response: 513872
Conc: 3.15 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.013 min
Response: 496397
Conc: 3.13 ug/ml



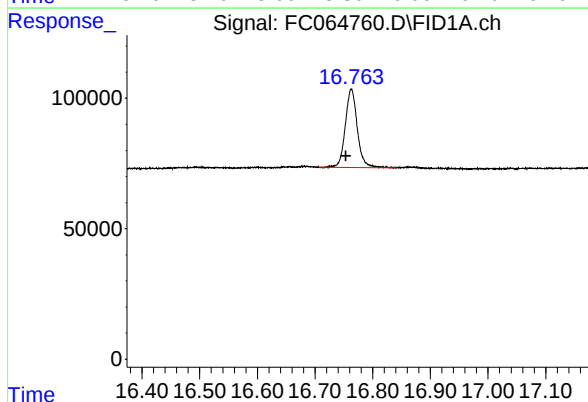
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.011 min
Response: 481428
Conc: 3.15 ug/ml

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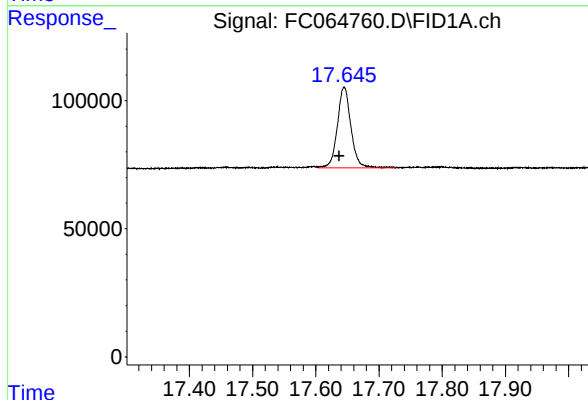
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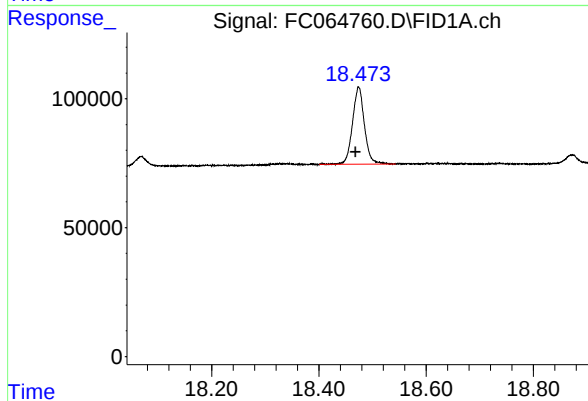
#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.009 min
Response: 437098
Conc: 2.95 ug/ml



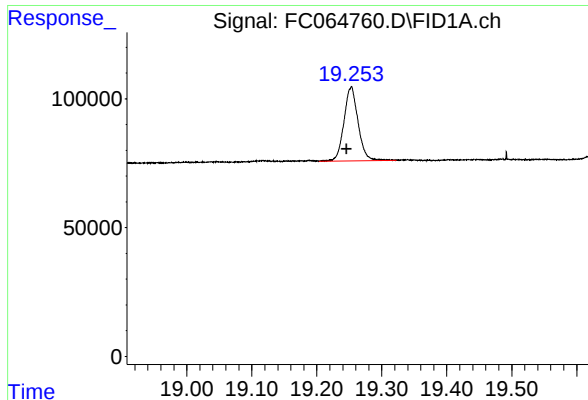
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: 0.008 min
Response: 468011
Conc: 3.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.006 min
Response: 462275
Conc: 3.17 ug/ml



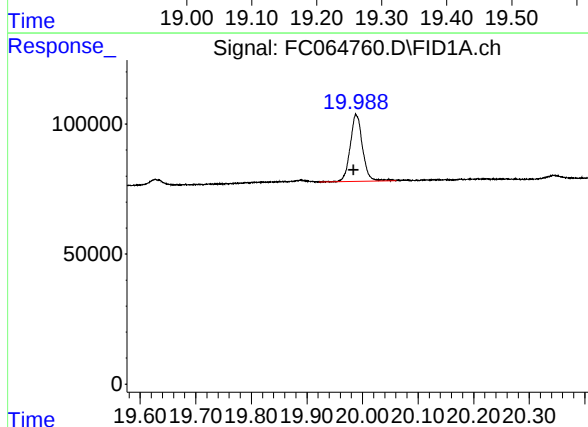
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.007 min
Response: 432058
Conc: 3.04 ug/ml

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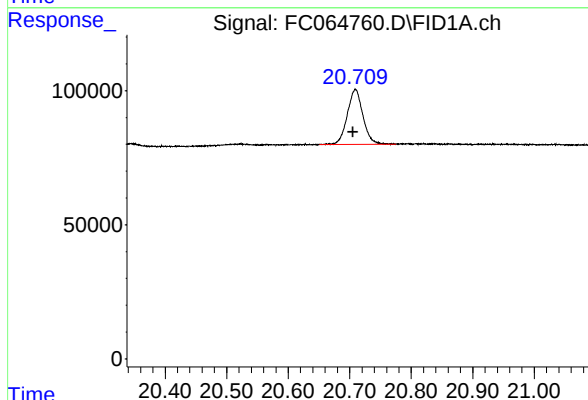
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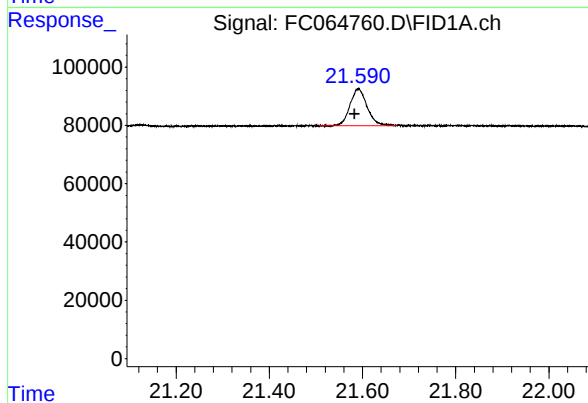
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: 0.005 min
Response: 396108
Conc: 2.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.004 min
Response: 360786
Conc: 2.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.008 min
Response: 322885
Conc: 2.37 ug/ml