

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031422AL\
 Data File : FC058719.D
 Signal(s) : FID1A.CH
 Acq On : 14 Mar 2022 21:19
 Operator : UA/NP
 Sample : N1837-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: autoint1.e
 Quant Time: Mar 15 03:24:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.826	5572069	49.158 ug/mlm
Spiked Amount 50.000		Recovery =	98.32%
Target Compounds			
1) T n-Nonane (C9)	3.256	8740046	72.680 ug/mlm
2) T n-Decane (C10)	4.323	27239571	228.905 ug/mlm
4) T n-Dodecane (C12)	6.253	8290919	67.396 ug/mlm
6) T n-Tetradecane (C14)	8.045	8704788	69.468 ug/mlm
7) T n-Hexadecane (C16)	9.679	14326163	111.246 ug/mlm
8) T n-Octadecane (C18)	11.089	4391822	33.374 ug/mlm
10) T n-Eicosane (C20)	12.363	5340922	40.616 ug/mlm
11) T n-Heneicosane (C21)	12.974	1919351	14.523 ug/mlm
13) T n-Docosane (C22)	13.639f	50958075	390.872 ug/mlm
14) T n-Tetracosane (C24)	14.706	19969207	154.639 ug/mlm
15) T n-Hexacosane (C26)	15.703	8330352	67.343 ug/mlm
16) T n-Octacosane (C28)	16.644	5455795	45.834 ug/mlm
17) T n-Tricontane (C30)	17.522	4655630	41.360 ug/ml
18) T n-Dotriacontane (C32)	18.351	4396014	40.881 ug/ml
19) T n-Tetratriacontane (C34)	19.130	4432777	45.750 ug/ml
20) T n-Hexatriacontane (C36)	19.866	4357156	48.297 ug/ml
21) T n-Octatriacontane (C38)	20.571	4316417	49.601 ug/ml
22) T n-Tetracontane (C40)	21.399	4355067	51.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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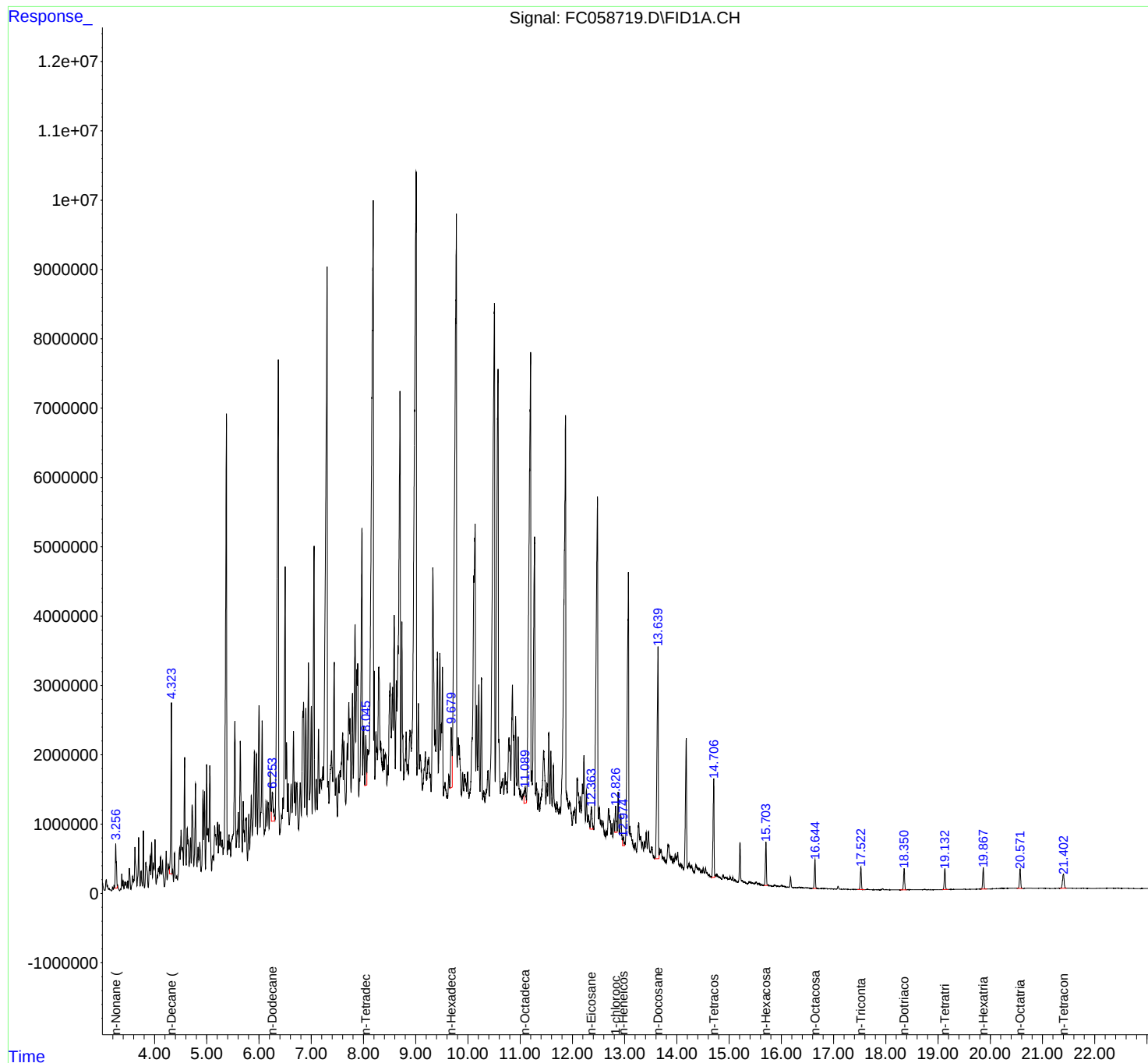
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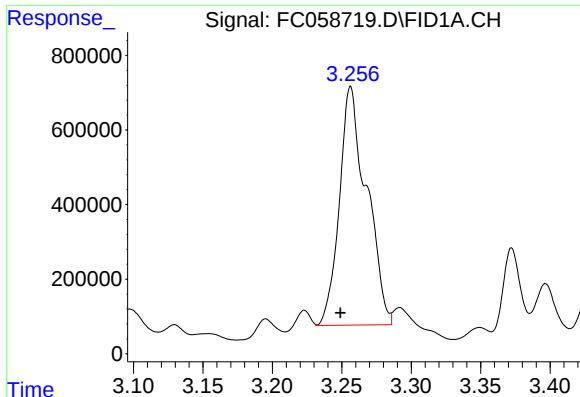
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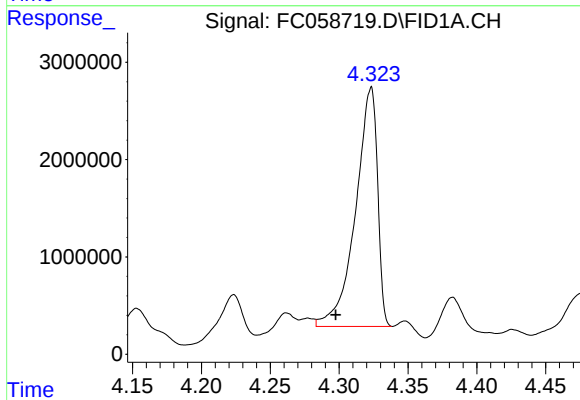
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: 0.007 min
Response: 8740046
Conc: 72.68 ug/ml

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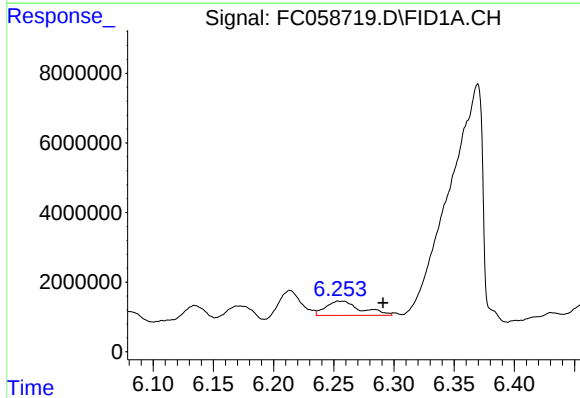
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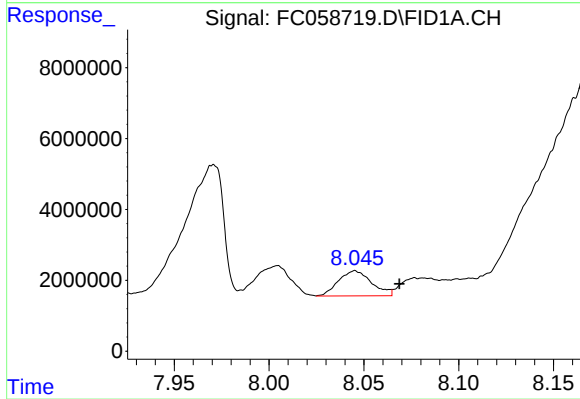
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: 0.026 min
Response: 27239571
Conc: 228.91 ug/ml m



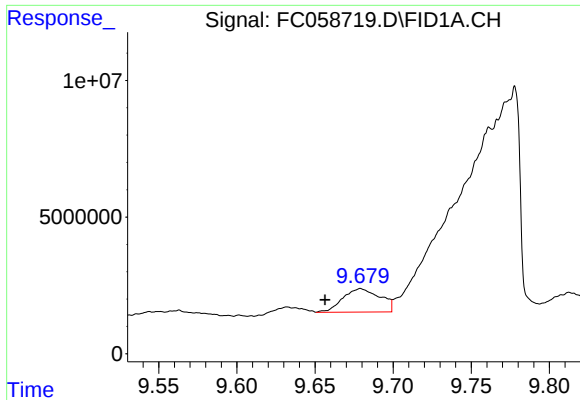
#4 n-Dodecane (C12)

R.T.: 6.253 min
Delta R.T.: -0.038 min
Response: 8290919
Conc: 67.40 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.045 min
Delta R.T.: -0.024 min
Response: 8704788
Conc: 69.47 ug/ml m



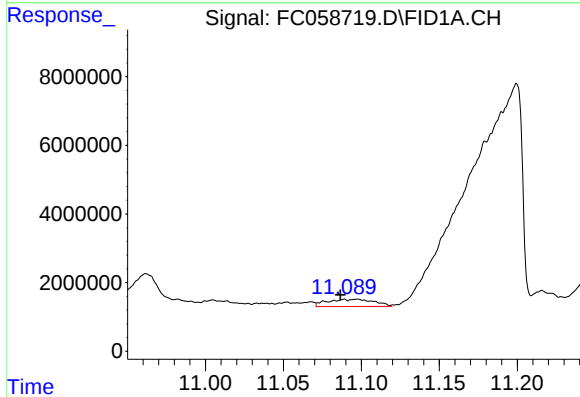
#7 n-Hexadecane (C16)

R.T.: 9.679 min
Delta R.T.: 0.022 min
Response: 14326163
Conc: 111.25 ug/ml

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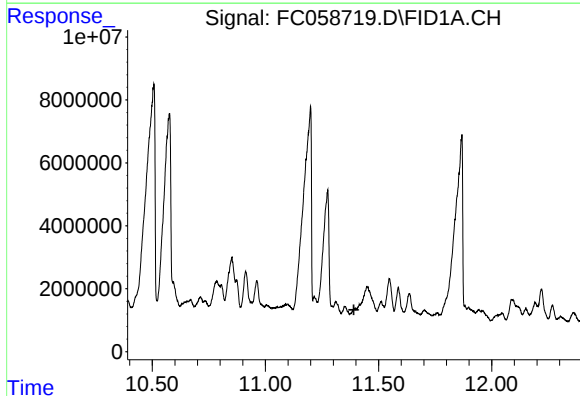
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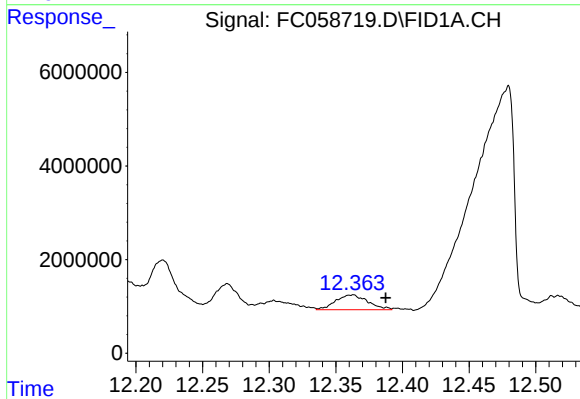
#8 n-Octadecane (C18)

R.T.: 11.089 min
Delta R.T.: 0.002 min
Response: 4391822
Conc: 33.37 ug/ml m



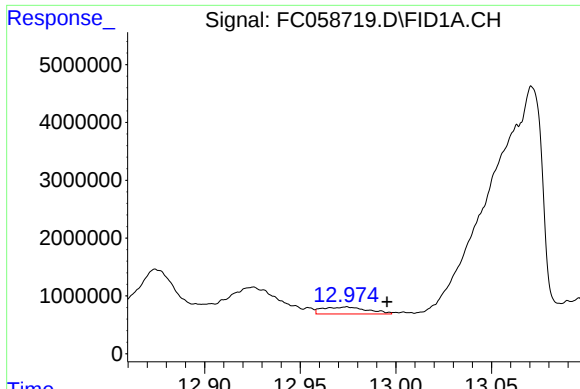
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.391 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.363 min
Delta R.T.: -0.025 min
Response: 5340922
Conc: 40.62 ug/ml m



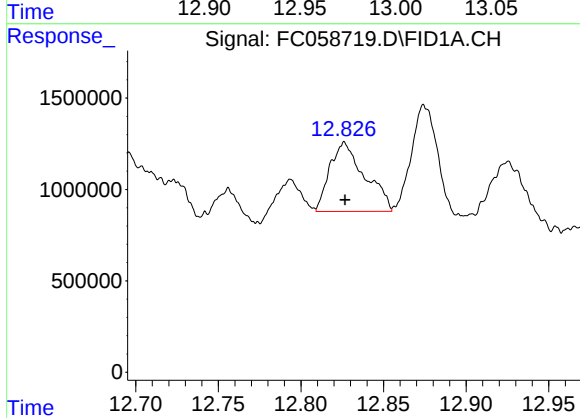
#11 n-Heneicosane (C21)

R.T.: 12.974 min
Delta R.T.: -0.021 min
Response: 1919351
Conc: 14.52 ug/ml

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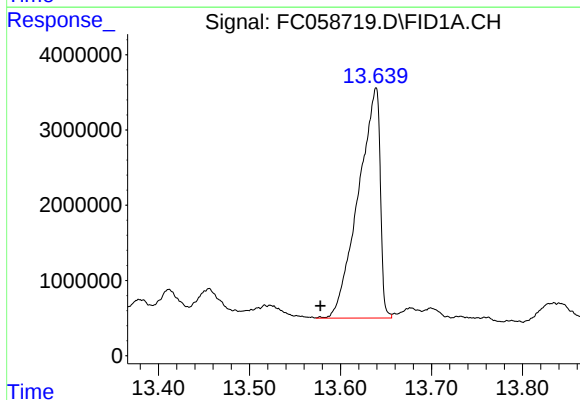
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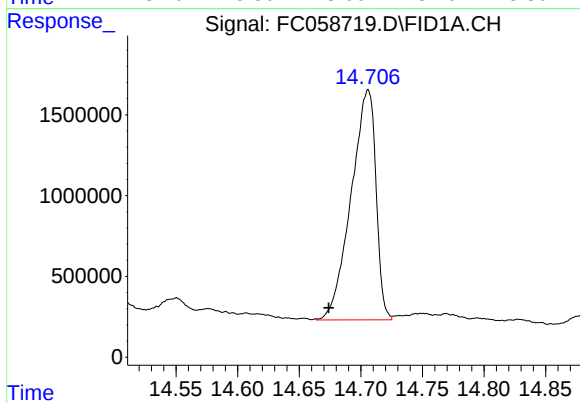
#12 1-chlorooctadecane (SURR)

R.T.: 12.826 min
Delta R.T.: 0.000 min
Response: 5572069
Conc: 49.16 ug/ml m



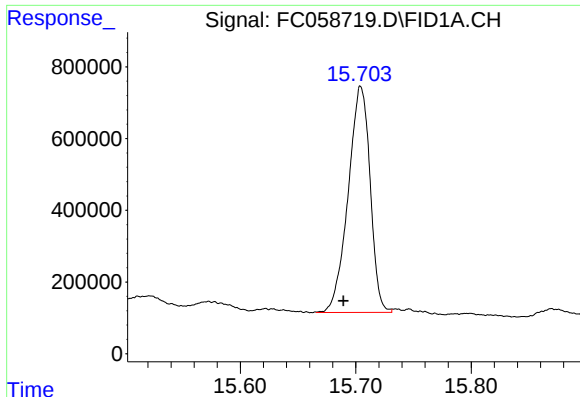
#13 n-Docosane (C22)

R.T.: 13.639 min
Delta R.T.: 0.061 min
Response: 50958075
Conc: 390.87 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.706 min
Delta R.T.: 0.032 min
Response: 19969207
Conc: 154.64 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.703 min
Delta R.T.: 0.014 min
Response: 8330352
Conc: 67.34 ug/ml

Instrument :

FID_C

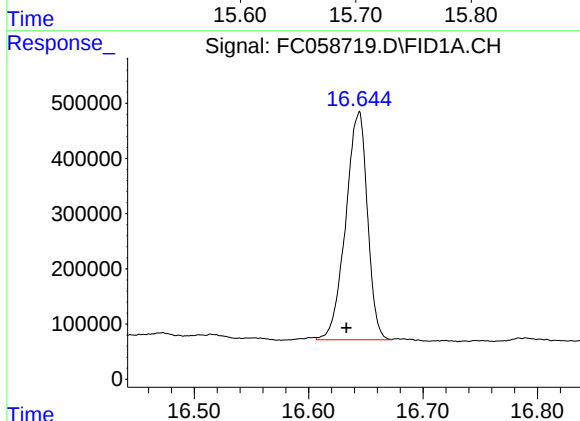
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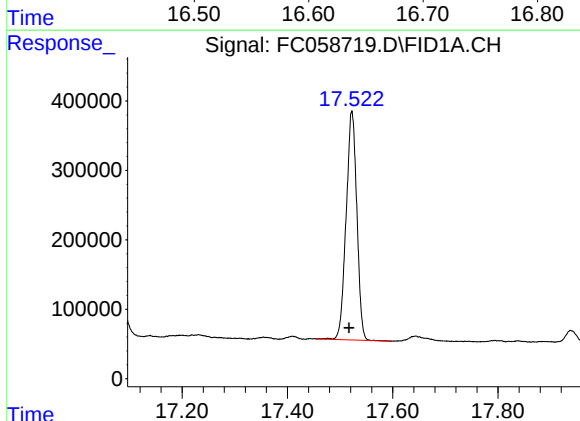
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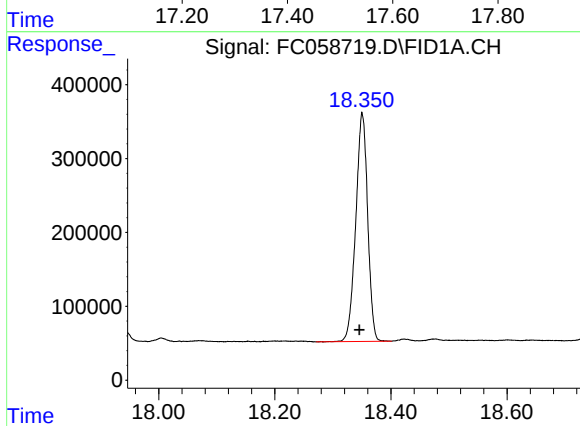
#16 n-Octacosane (C28)

R.T.: 16.644 min
Delta R.T.: 0.011 min
Response: 5455795
Conc: 45.83 ug/ml m



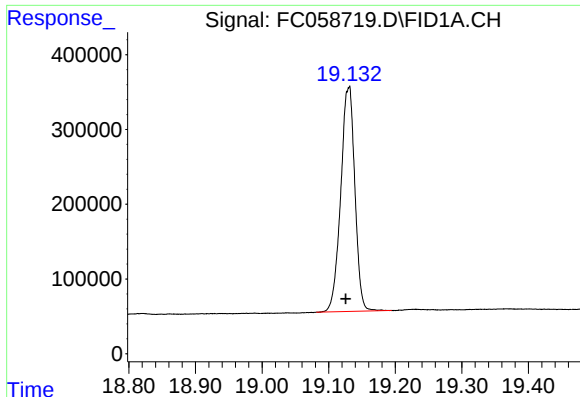
#17 n-Tricontane (C30)

R.T.: 17.522 min
Delta R.T.: 0.005 min
Response: 4655630
Conc: 41.36 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.351 min
Delta R.T.: 0.005 min
Response: 4396014
Conc: 40.88 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.130 min
Delta R.T.: 0.004 min
Response: 4432777
Conc: 45.75 ug/ml

Instrument :

FID_C

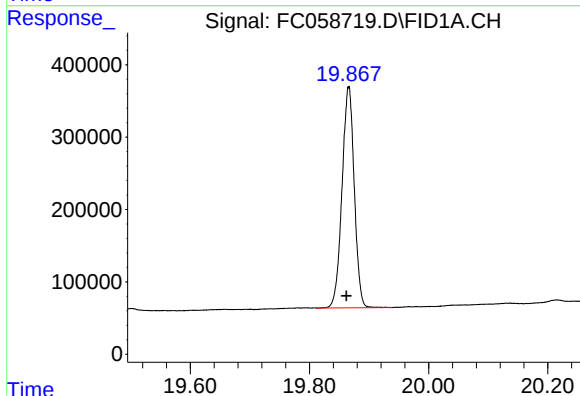
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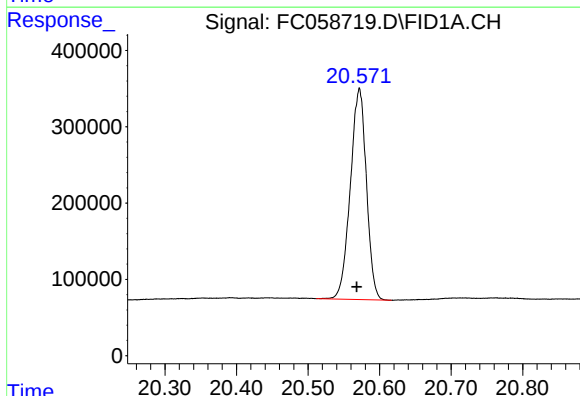
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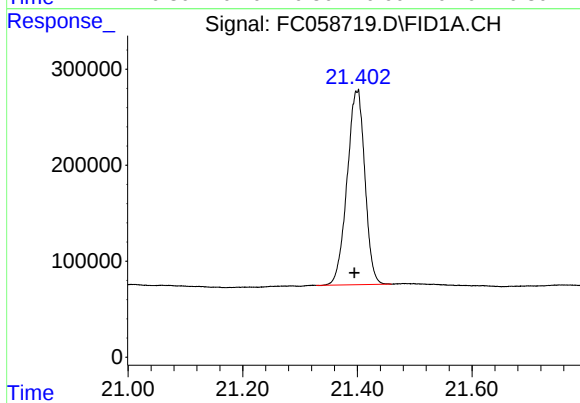
#20 n-Hexatriacontane (C36)

R.T.: 19.866 min
Delta R.T.: 0.004 min
Response: 4357156
Conc: 48.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.571 min
Delta R.T.: 0.003 min
Response: 4316417
Conc: 49.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.399 min
Delta R.T.: 0.005 min
Response: 4355067
Conc: 51.90 ug/ml