

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012825AL\
 Data File : FC068137.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 18:07
 Operator : YP/AJ
 Sample : Q1168-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 00:45:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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...	12.867	3363116	29.244 ug/ml
Spiked Amount 50.000		Recovery =	58.49%
Target Compounds			
1) T n-Nonane (C9)	3.231	263379	1.923 ug/ml
2) T n-Decane (C10)	4.288	299330	2.156 ug/mlm
4) T n-Dodecane (C12)	6.297	352972	2.527 ug/ml
6) T n-Tetradecane (C14)	8.085	351745	2.577 ug/ml
7) T n-Hexadecane (C16)	9.680	335787	2.417 ug/ml
8) T n-Octadecane (C18)	11.118	349831	2.500 ug/ml
10) T n-Eicosane (C20)	12.423	359193	2.685 ug/ml
11) T n-Heneicosane (C21)	13.033	345020	2.627 ug/ml
13) T n-Docosane (C22)	13.619	339716	2.623 ug/ml
14) T n-Tetracosane (C24)	14.719	327739	2.553 ug/ml
15) T n-Hexacosane (C26)	15.738	322961	2.567 ug/ml
16) T n-Octacosane (C28)	16.686	321098	2.567 ug/ml
17) T n-Tricontane (C30)	17.569	356534	2.758 ug/ml
18) T n-Dotriacontane (C32)	18.402	329981	2.640 ug/ml
19) T n-Tetratriacontane (C34)	19.185	319496	2.945 ug/ml
20) T n-Hexatriacontane (C36)	19.923	301179	3.254 ug/ml
21) T n-Octatriacontane (C38)	20.636	307947	3.594 ug/ml
22) T n-Tetracontane (C40)	21.498	289400	3.579 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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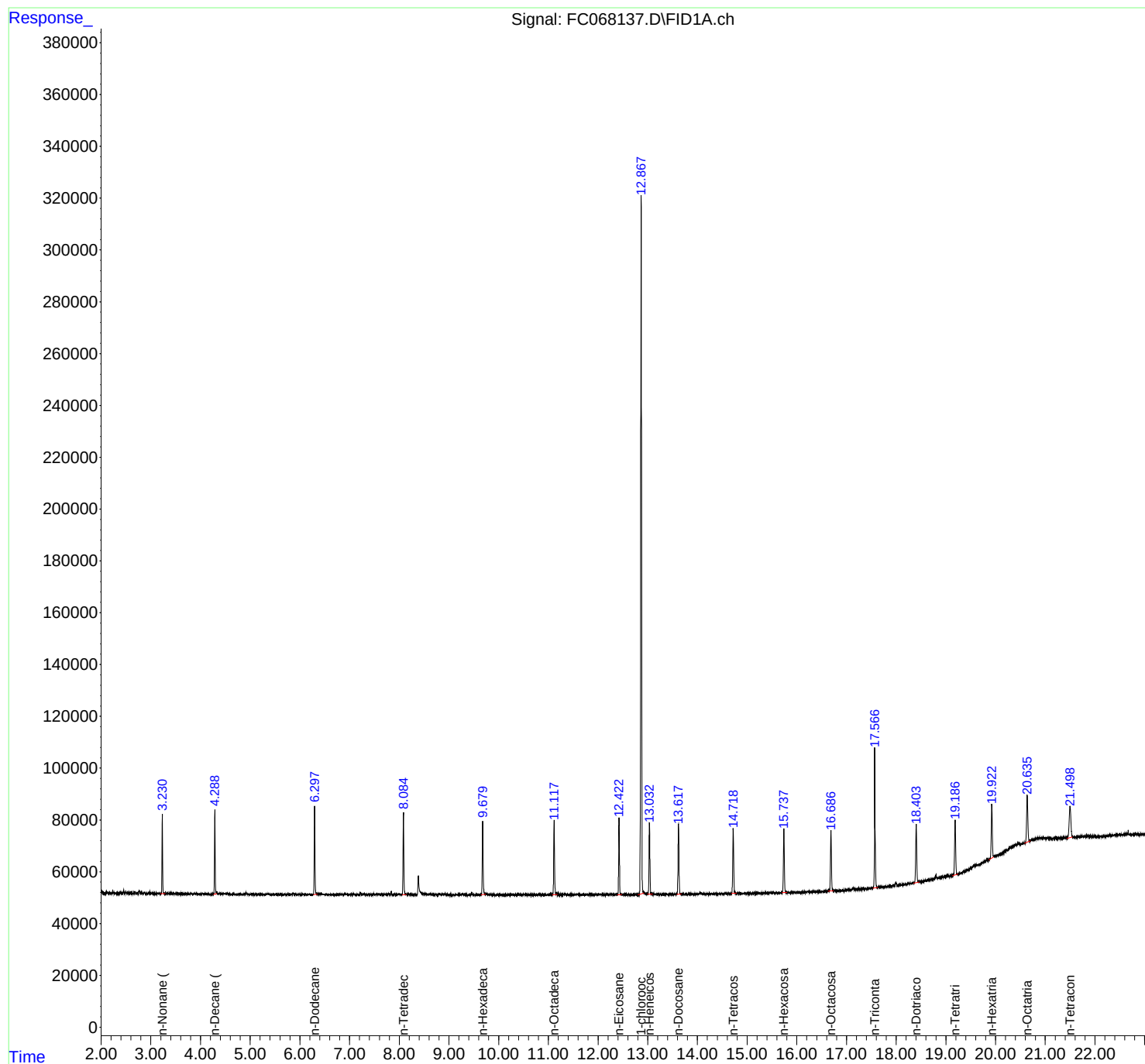
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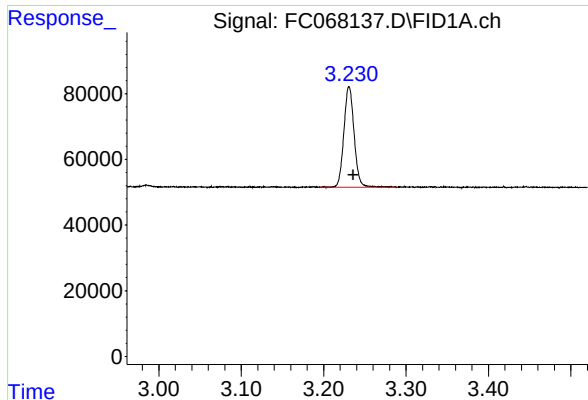
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#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: -0.005 min
Response: 263379
Conc: 1.92 ug/ml

Instrument :

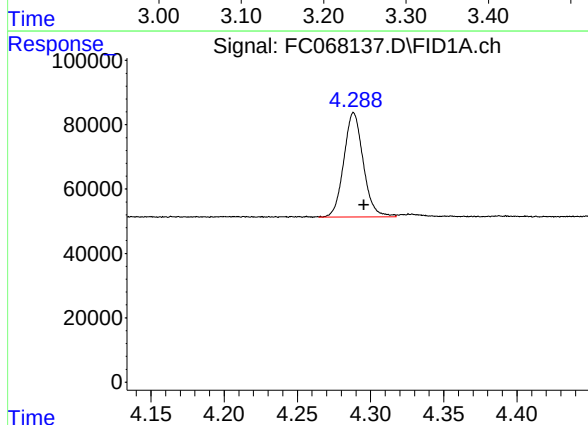
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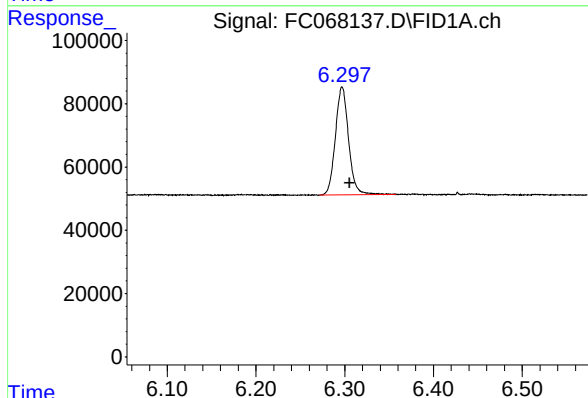
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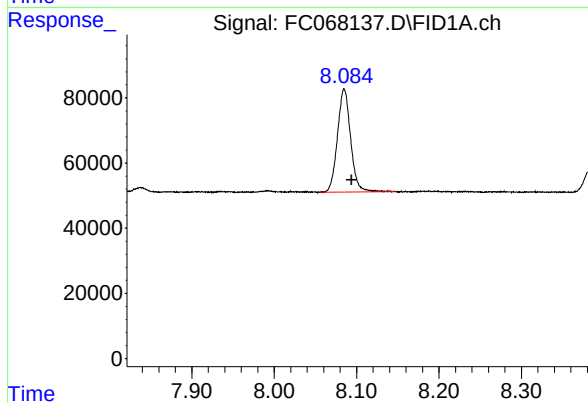
#2 n-Decane (C10)

R.T.: 4.288 min
Delta R.T.: -0.007 min
Response: 299330
Conc: 2.16 ug/ml m



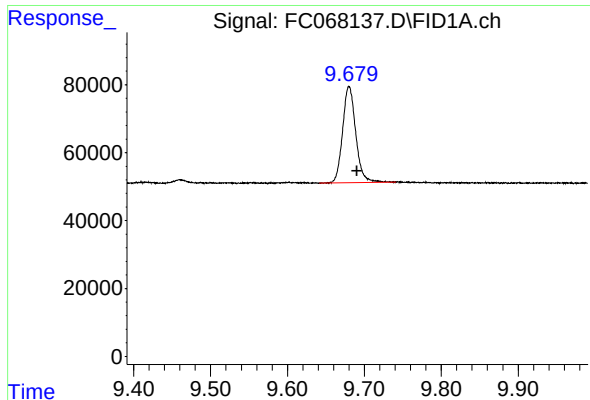
#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: -0.008 min
Response: 352972
Conc: 2.53 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.085 min
Delta R.T.: -0.009 min
Response: 351745
Conc: 2.58 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.680 min
Delta R.T.: -0.010 min
Response: 335787
Conc: 2.42 ug/ml

Instrument :

FID_C

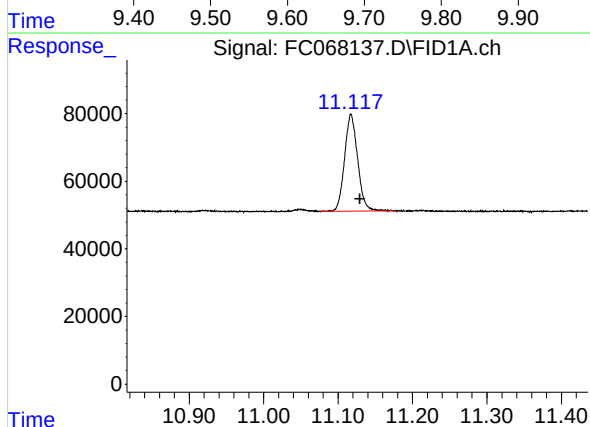
ClientSampleId :

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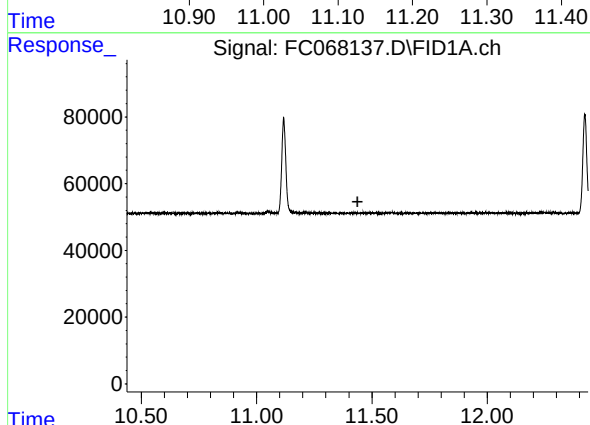
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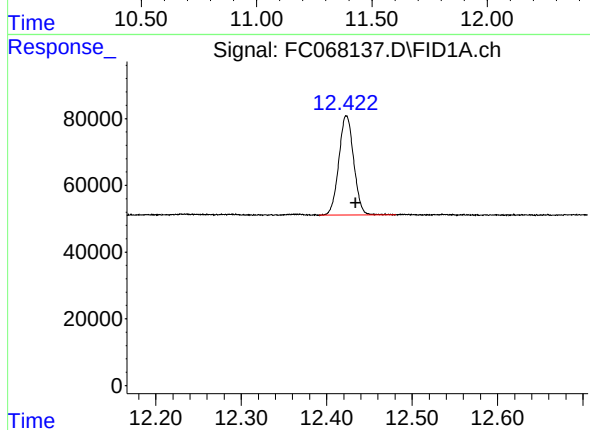
#8 n-Octadecane (C18)

R.T.: 11.118 min
Delta R.T.: -0.012 min
Response: 349831
Conc: 2.50 ug/ml



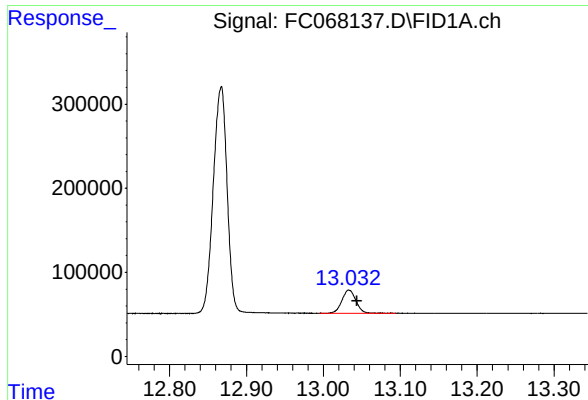
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.437 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.423 min
Delta R.T.: -0.010 min
Response: 359193
Conc: 2.68 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.033 min
Delta R.T.: -0.010 min
Response: 345020
Conc: 2.63 ug/ml

Instrument :

FID_C

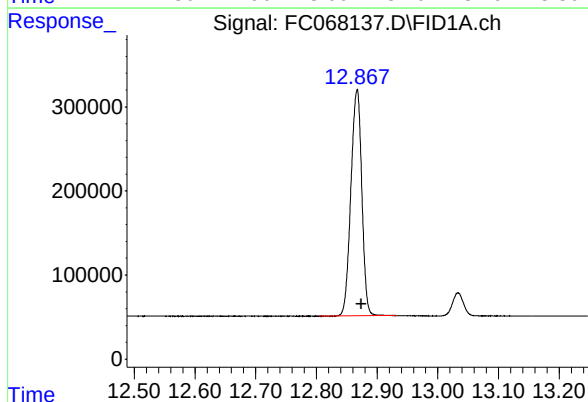
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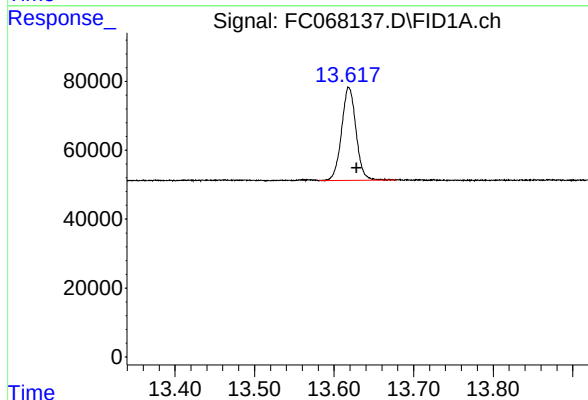
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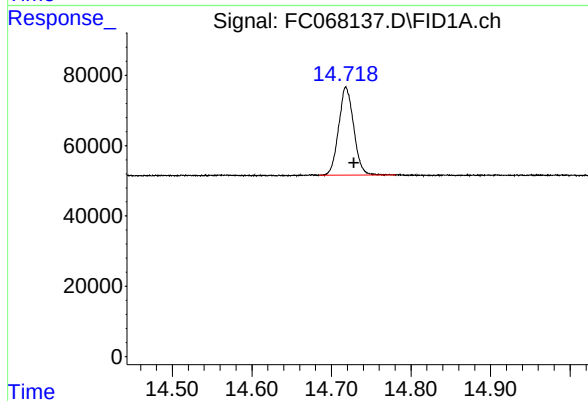
#12 1-chlorooctadecane (SURR)

R.T.: 12.867 min
Delta R.T.: -0.007 min
Response: 3363116
Conc: 29.24 ug/ml



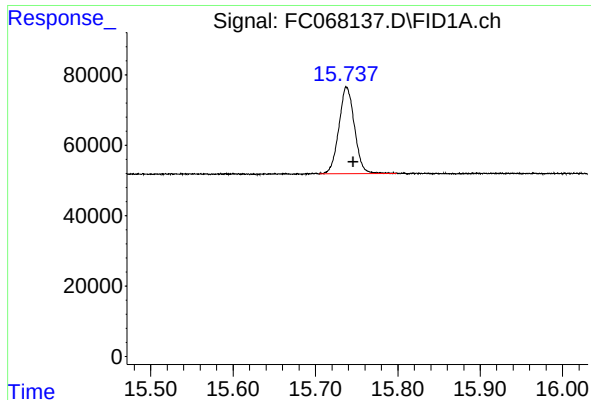
#13 n-Docosane (C22)

R.T.: 13.619 min
Delta R.T.: -0.010 min
Response: 339716
Conc: 2.62 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.719 min
Delta R.T.: -0.010 min
Response: 327739
Conc: 2.55 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.738 min
Delta R.T.: -0.008 min
Response: 322961
Conc: 2.57 ug/ml

Instrument :

FID_C

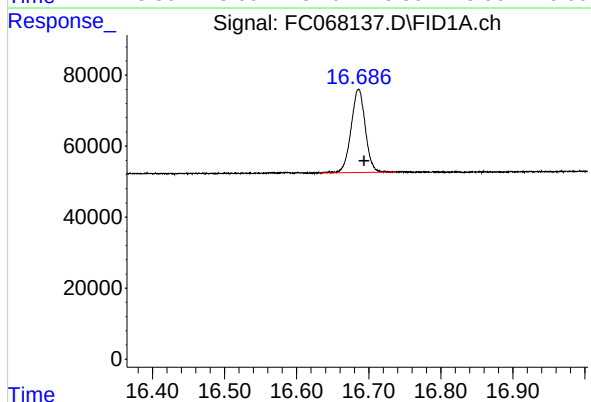
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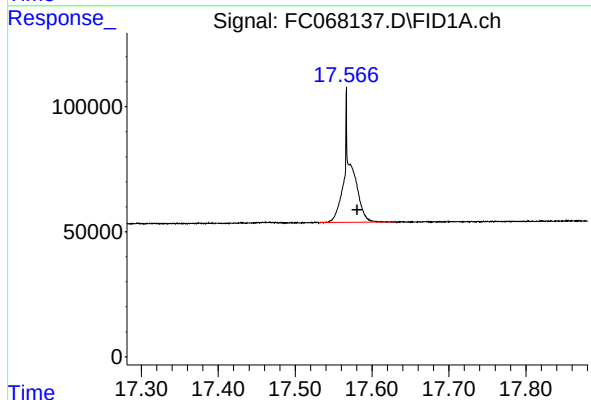
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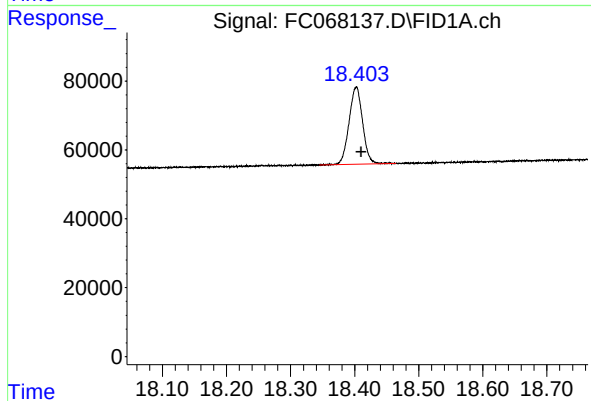
#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.008 min
Response: 321098
Conc: 2.57 ug/ml



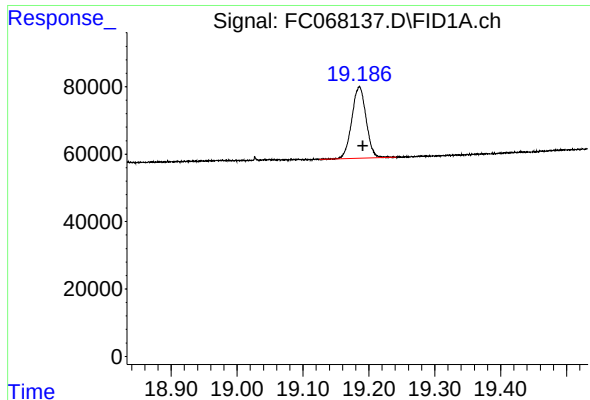
#17 n-Tricontane (C30)

R.T.: 17.569 min
Delta R.T.: -0.012 min
Response: 356534
Conc: 2.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.008 min
Response: 329981
Conc: 2.64 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: -0.006 min
Response: 319496
Conc: 2.95 ug/ml

Instrument :

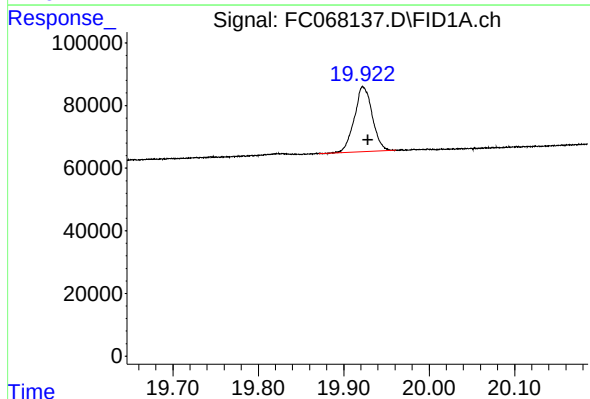
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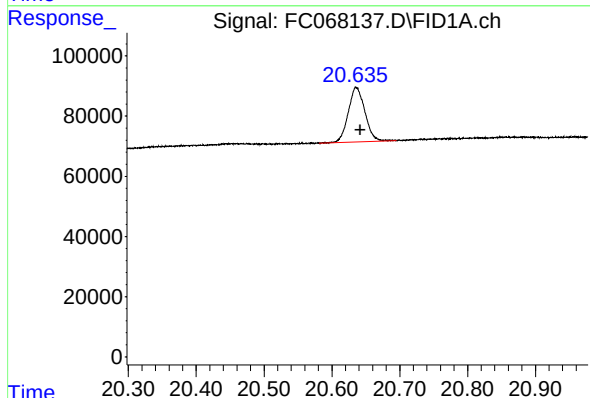
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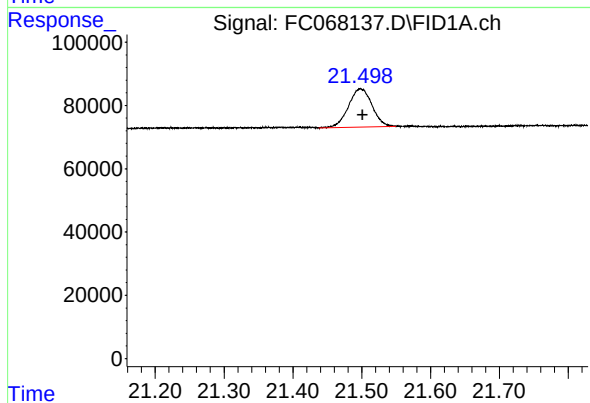
#20 n-Hexatriacontane (C36)

R.T.: 19.923 min
Delta R.T.: -0.005 min
Response: 301179
Conc: 3.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.636 min
Delta R.T.: -0.006 min
Response: 307947
Conc: 3.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.498 min
Delta R.T.: -0.003 min
Response: 289400
Conc: 3.58 ug/ml m