

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
 Data File : FE050659.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 03:57
 Operator : YP\AJ
 Sample : P4368-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 05:37:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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...	13.291	3548527	29.998 ug/ml
Spiked Amount 50.000		Recovery =	60.00%
Target Compounds			
1) T n-Nonane (C9)	3.250	174266	1.233 ug/ml
2) T n-Decane (C10)	4.499	212015	1.478 ug/ml
4) T n-Dodecane (C12)	6.665	297140	2.064 ug/ml
6) T n-Tetradecane (C14)	8.491	309172	2.161 ug/mlm
7) T n-Hexadecane (C16)	10.097	269593	1.832 ug/mlm
8) T n-Octadecane (C18)	11.537	285089	1.909 ug/ml
10) T n-Eicosane (C20)	12.845	299359	2.088 ug/ml
11) T n-Heneicosane (C21)	13.455	271905	1.936 ug/ml
13) T n-Docosane (C22)	14.041	279201	1.990 ug/ml
14) T n-Tetracosane (C24)	15.142	293434	2.077 ug/mlm
15) T n-Hexacosane (C26)	16.161	294337	2.092 ug/ml
16) T n-Octacosane (C28)	17.110	289924	1.981 ug/ml
17) T n-Tricontane (C30)	17.995	319885	2.012 ug/ml
18) T n-Dotriacontane (C32)	18.828	337435	2.081 ug/ml
19) T n-Tetratriacontane (C34)	19.610	326814	2.225 ug/ml
20) T n-Hexatriacontane (C36)	20.350	304743	2.403 ug/ml
21) T n-Octatriacontane (C38)	21.074	298918	2.418 ug/ml
22) T n-Tetracontane (C40)	21.958	276669	2.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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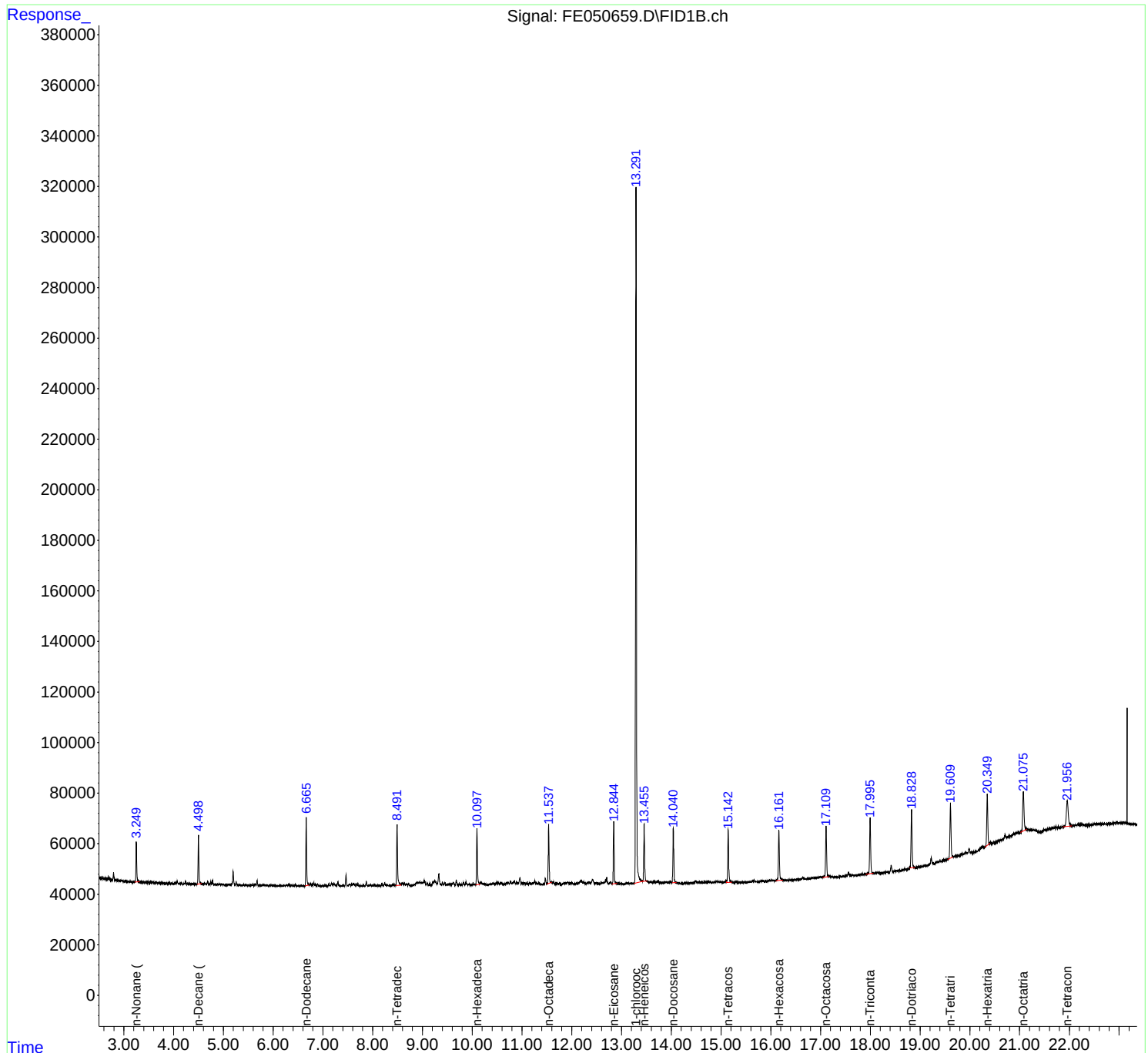
Instrument :
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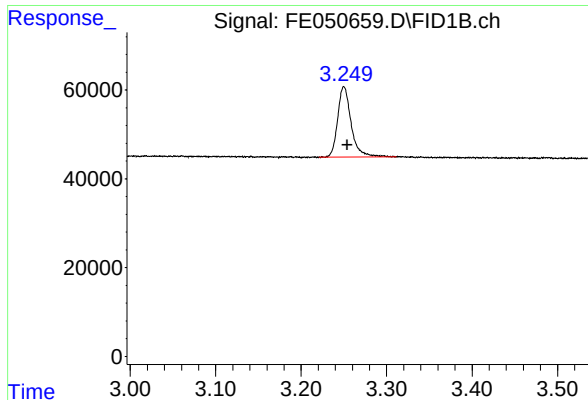
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 174266
Conc: 1.23 ug/ml

Instrument :

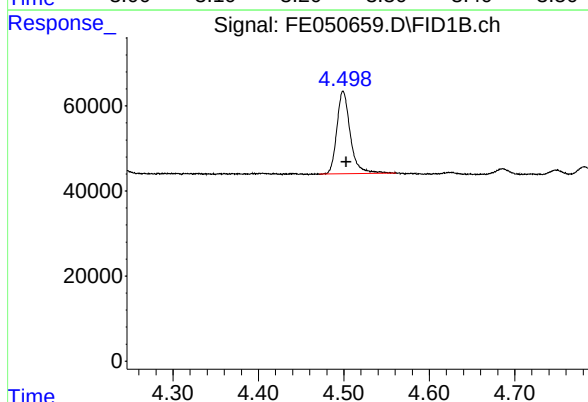
FID_E

ClientSampleId :

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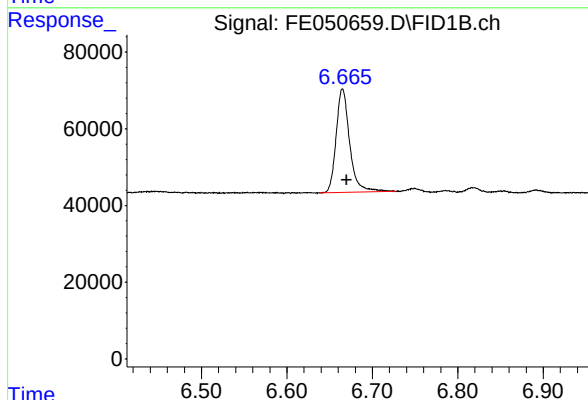
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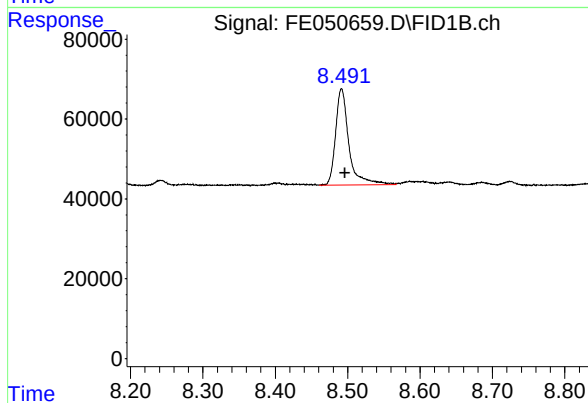
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 212015
Conc: 1.48 ug/ml



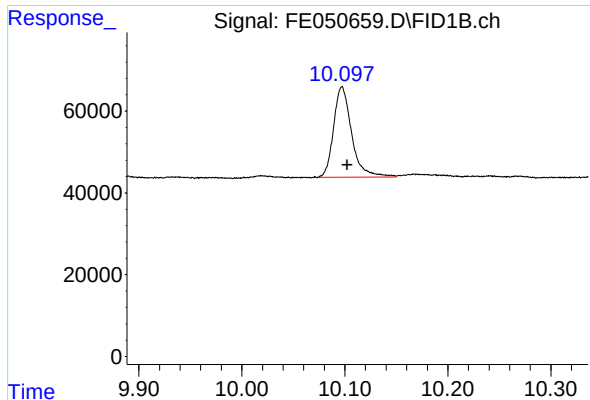
#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.005 min
Response: 297140
Conc: 2.06 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.005 min
Response: 309172
Conc: 2.16 ug/ml m



#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.005 min
Response: 269593
Conc: 1.83 ug/ml

Instrument :

FID_E

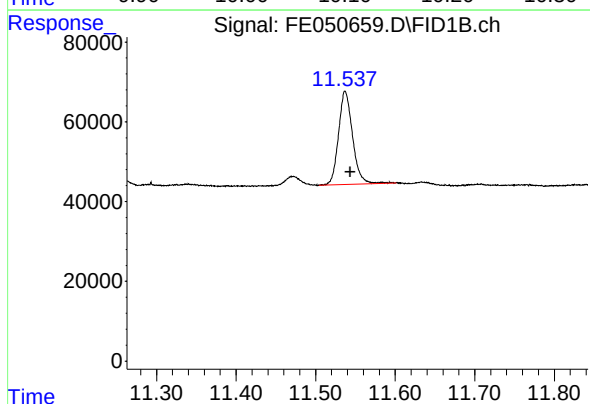
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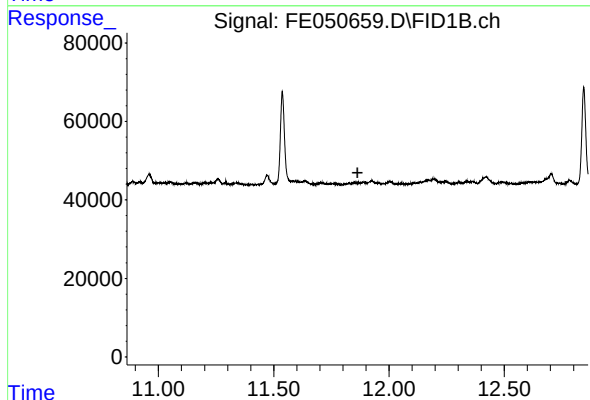
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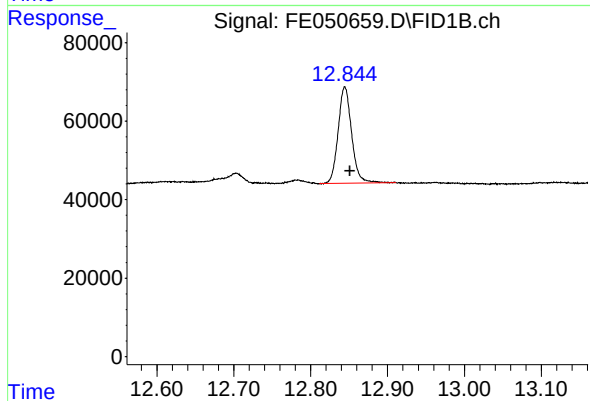
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: -0.006 min
Response: 285089
Conc: 1.91 ug/ml



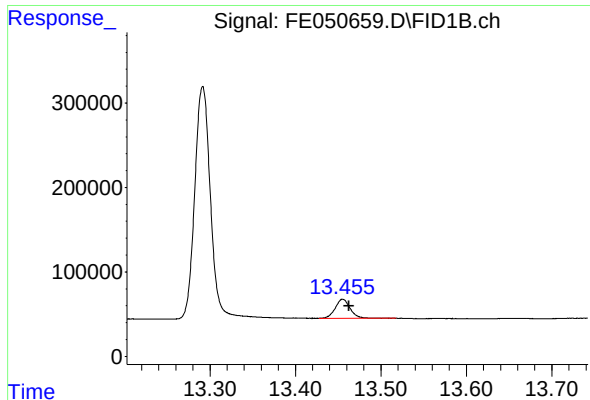
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.863 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.007 min
Response: 299359
Conc: 2.09 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.007 min
Response: 271905
Conc: 1.94 ug/ml

Instrument :

FID_E

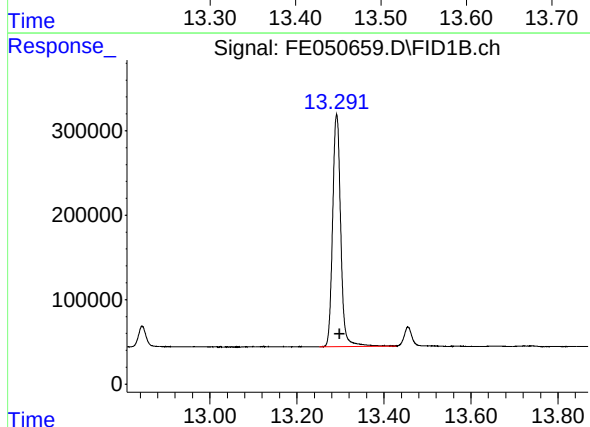
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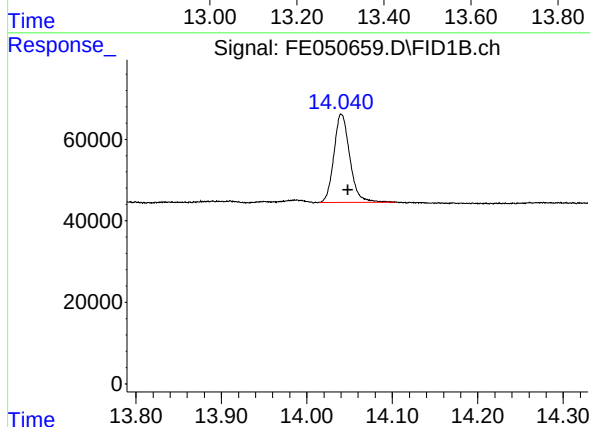
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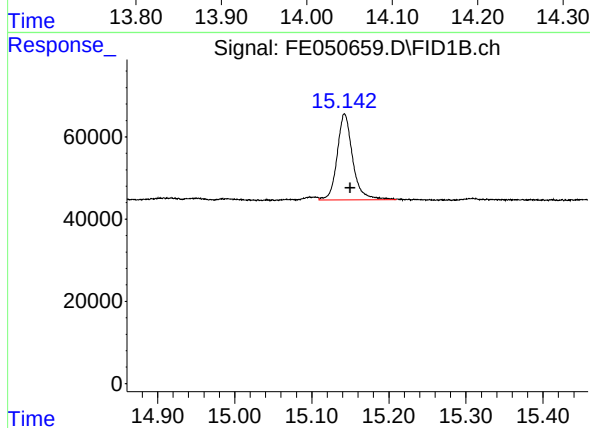
#12 1-chlorooctadecane (SURR)

R.T.: 13.291 min
Delta R.T.: -0.006 min
Response: 3548527
Conc: 30.00 ug/ml



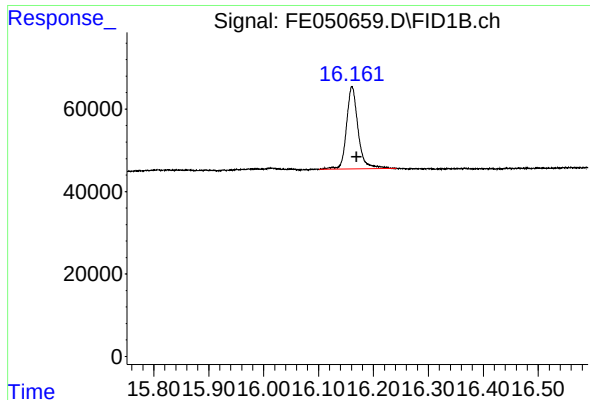
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.007 min
Response: 279201
Conc: 1.99 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.008 min
Response: 293434
Conc: 2.08 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 294337
Conc: 2.09 ug/ml

Instrument :

FID_E

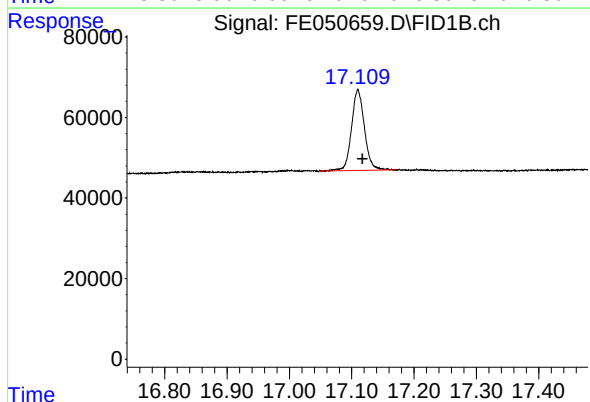
ClientSampleId :

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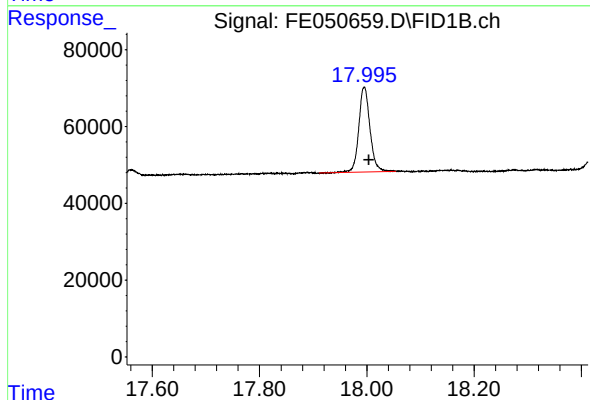
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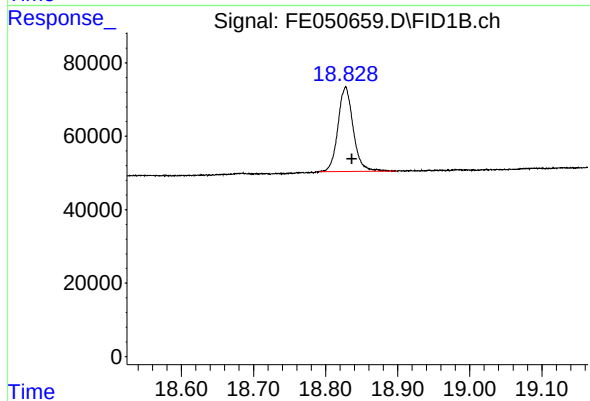
#16 n-Octacosane (C28)

R.T.: 17.110 min
Delta R.T.: -0.007 min
Response: 289924
Conc: 1.98 ug/ml



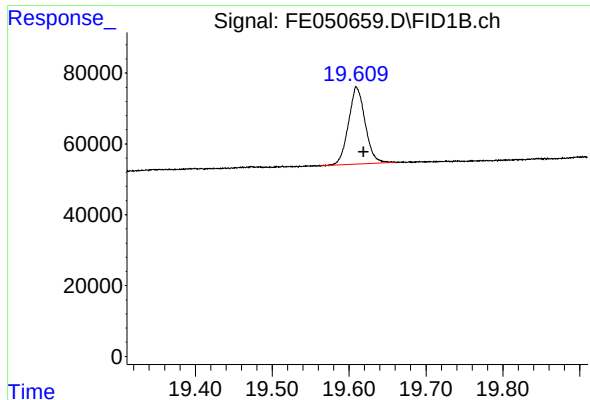
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.009 min
Response: 319885
Conc: 2.01 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.009 min
Response: 337435
Conc: 2.08 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.009 min
Response: 326814
Conc: 2.22 ug/ml

Instrument :

FID_E

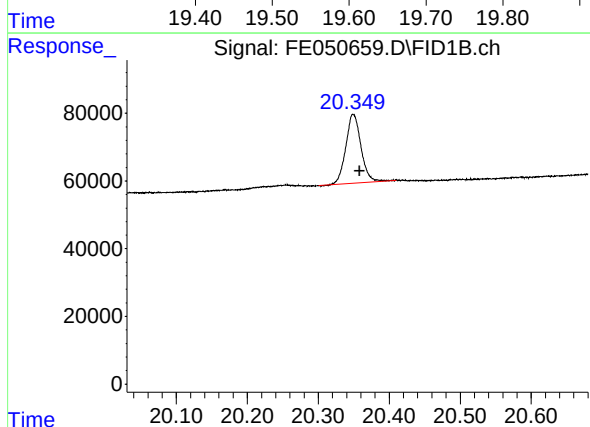
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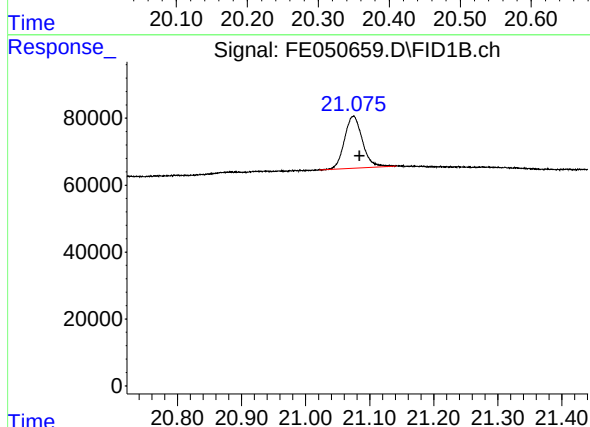
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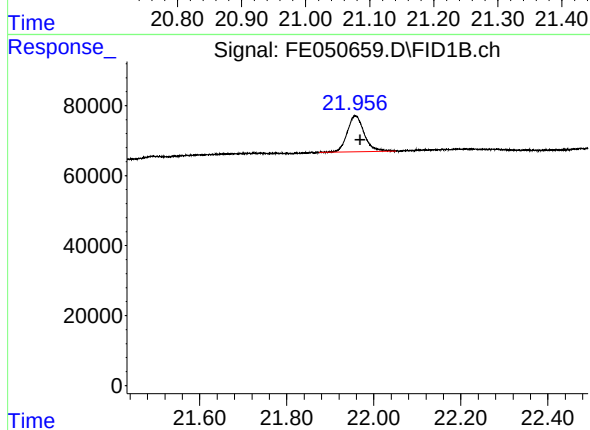
#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.009 min
Response: 304743
Conc: 2.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.010 min
Response: 298918
Conc: 2.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.011 min
Response: 276669
Conc: 2.48 ug/ml