

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
 Data File : FG013056.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 18:46
 Operator : YP\AJ
 Sample : 04699-08
 Misc : 5PPM WATER LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Oct 09 23:50:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 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...	13.433	3495773	34.688 ug/ml
Spiked Amount 50.000		Recovery =	69.38%
Target Compounds			
1) T n-Nonane (C9)	3.345	377256	3.158 ug/ml
2) T n-Decane (C10)	4.598	472356	3.875 ug/ml
4) T n-Dodecane (C12)	6.772	532373	4.368 ug/ml
6) T n-Tetradecane (C14)	8.606	508769	4.253 ug/ml
7) T n-Hexadecane (C16)	10.219	533723	4.362 ug/mlm
8) T n-Octadecane (C18)	11.668	562477	4.594 ug/ml
10) T n-Eicosane (C20)	12.983	590686	5.059 ug/ml
11) T n-Heneicosane (C21)	13.597	570274	4.994 ug/ml
13) T n-Docosane (C22)	14.185	577417	5.088 ug/ml
14) T n-Tetracosane (C24)	15.292	599642	5.297 ug/ml
15) T n-Hexacosane (C26)	16.315	560374	5.054 ug/ml
16) T n-Octacosane (C28)	17.267	569846	5.194 ug/ml
17) T n-Tricontane (C30)	18.157	607419	5.305 ug/ml
18) T n-Dotriacontane (C32)	18.990	606429	5.283 ug/ml
19) T n-Tetratriacontane (C34)	19.775	583006	5.211 ug/ml
20) T n-Hexatriacontane (C36)	20.517	557685	4.890 ug/mlm
21) T n-Octatriacontane (C38)	21.275	538561	4.694 ug/mlm
22) T n-Tetracontane (C40)	22.227	542798	4.689 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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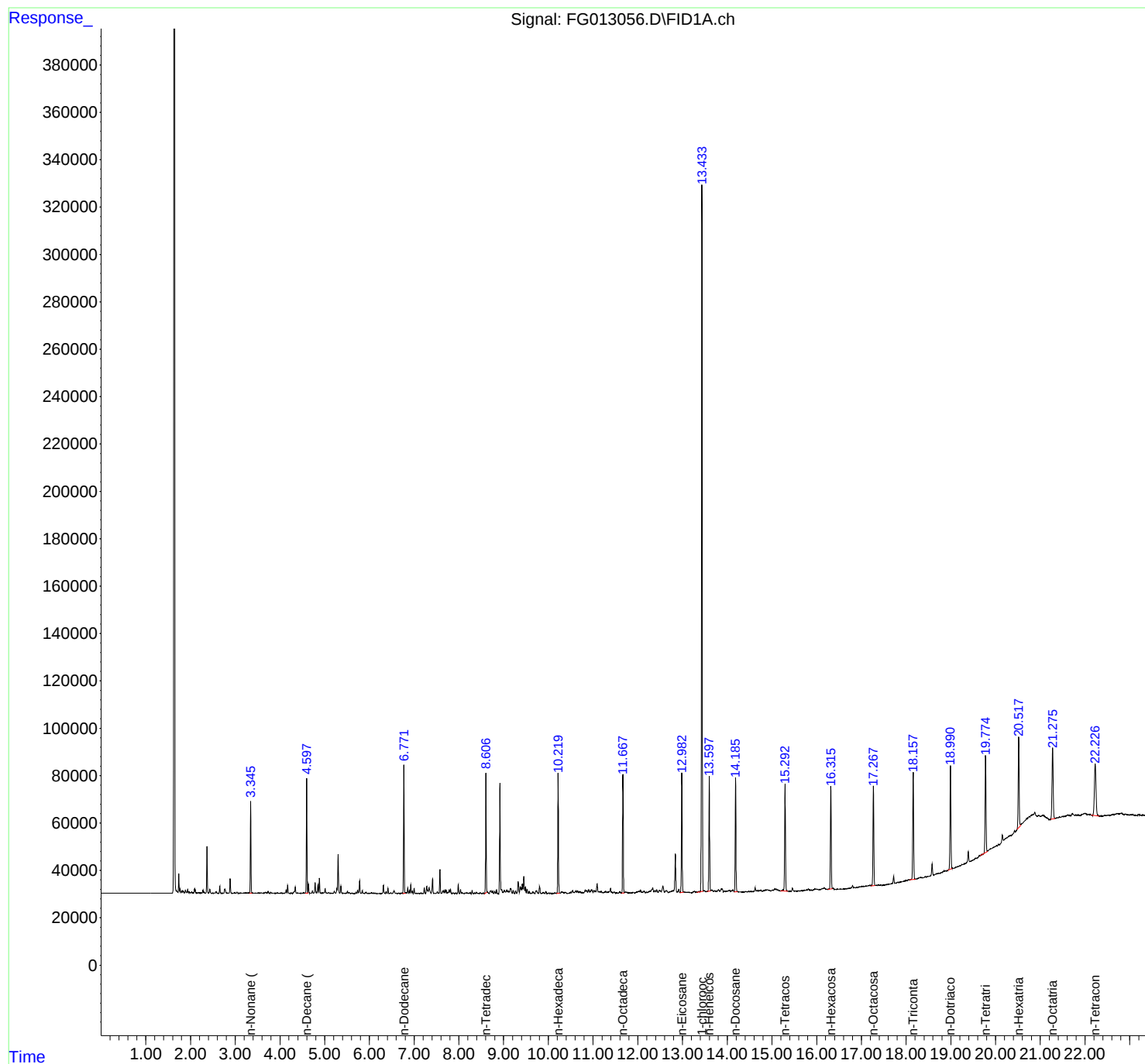
Instrument :
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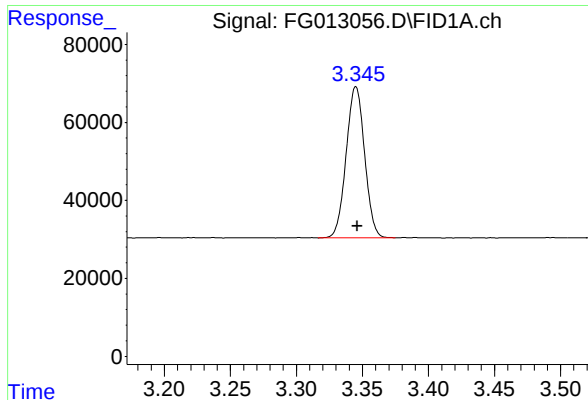
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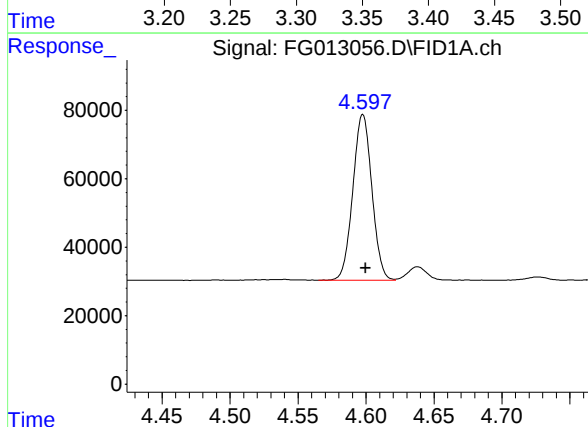
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 377256
Conc: 3.16 ug/ml

Instrument :
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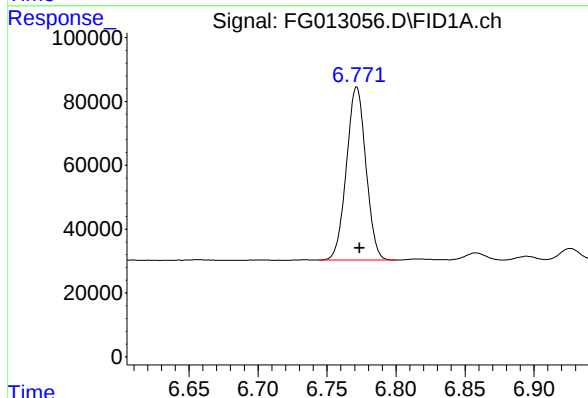
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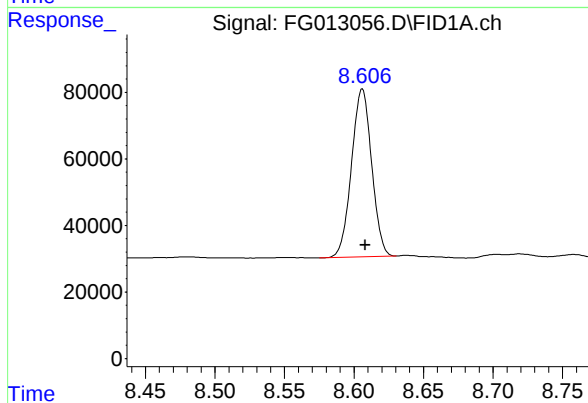
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 472356
Conc: 3.87 ug/ml



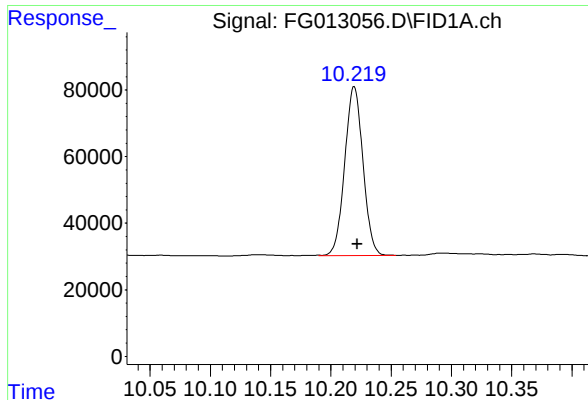
#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 532373
Conc: 4.37 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 508769
Conc: 4.25 ug/ml



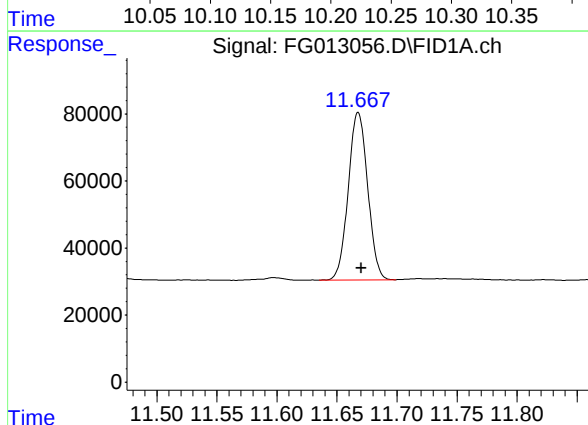
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: -0.003 min
Response: 533723
Conc: 4.36 ug/ml

Instrument :
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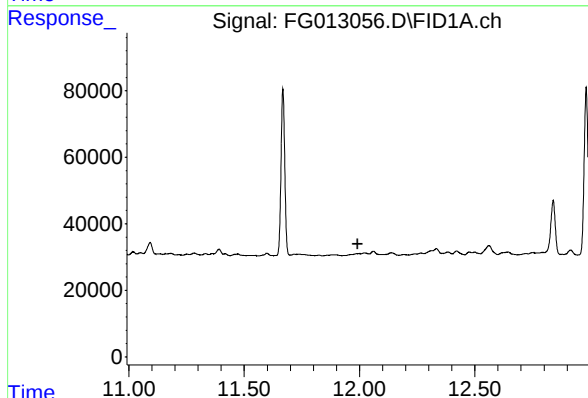
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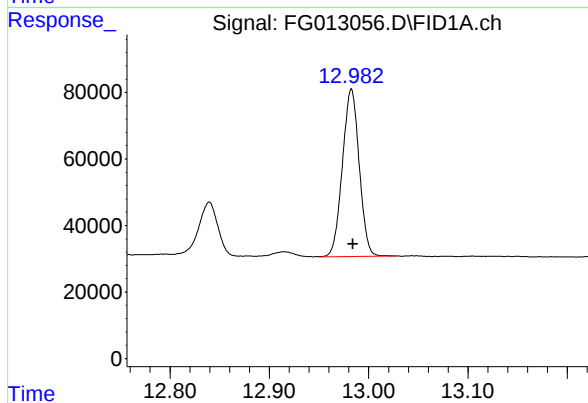
#8 n-Octadecane (C18)

R.T.: 11.668 min
Delta R.T.: -0.002 min
Response: 562477
Conc: 4.59 ug/ml



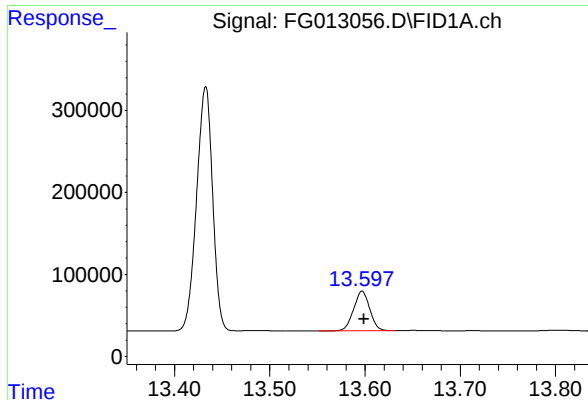
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.991 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.983 min
Delta R.T.: -0.001 min
Response: 590686
Conc: 5.06 ug/ml



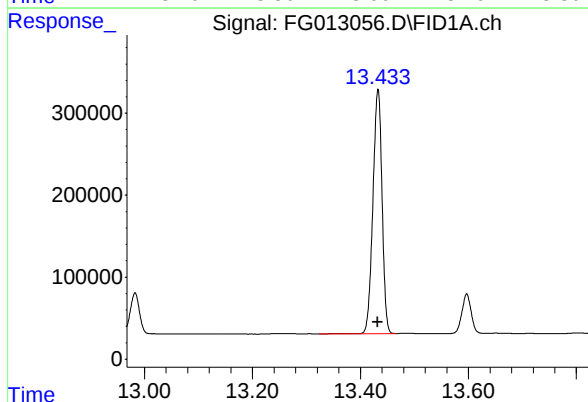
#11 n-Heneicosane (C21)

R.T.: 13.597 min
Delta R.T.: -0.002 min
Response: 570274
Conc: 4.99 ug/ml

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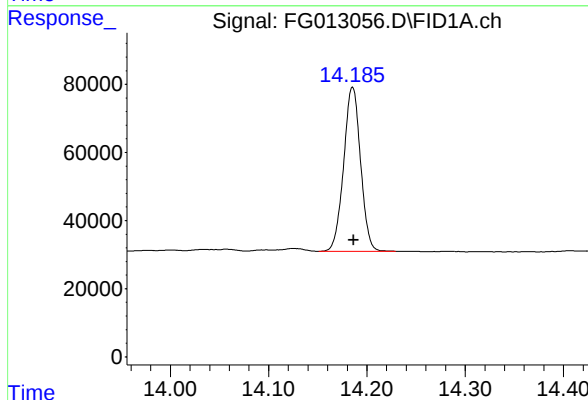
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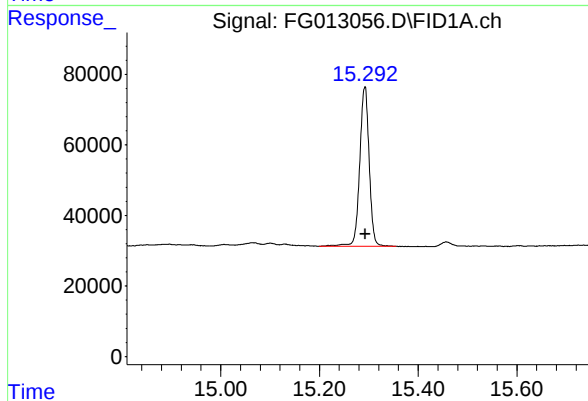
#12 1-chlorooctadecane (SURR)

R.T.: 13.433 min
Delta R.T.: 0.000 min
Response: 3495773
Conc: 34.69 ug/ml



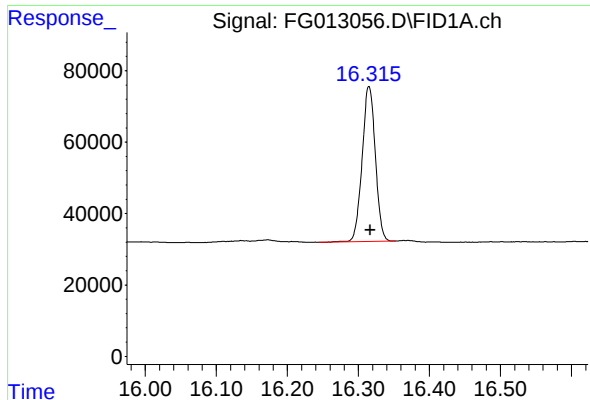
#13 n-Docosane (C22)

R.T.: 14.185 min
Delta R.T.: -0.001 min
Response: 577417
Conc: 5.09 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.292 min
Delta R.T.: -0.001 min
Response: 599642
Conc: 5.30 ug/ml



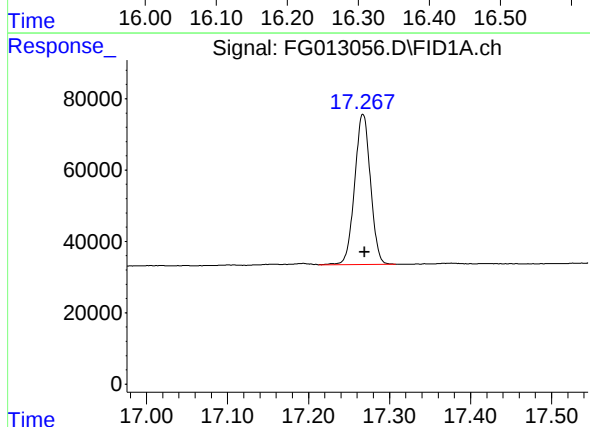
#15 n-Hexacosane (C26)

R.T.: 16.315 min
Delta R.T.: -0.002 min
Response: 560374
Conc: 5.05 ug/ml

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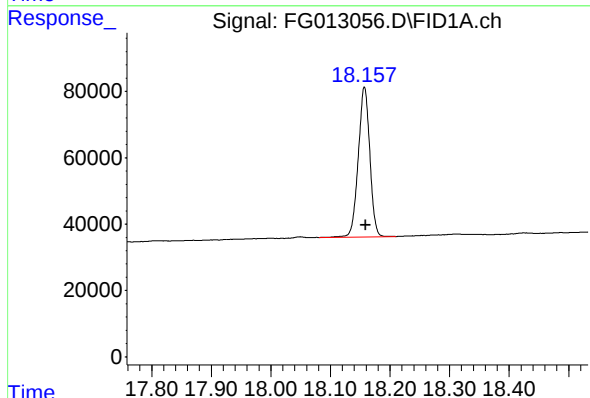
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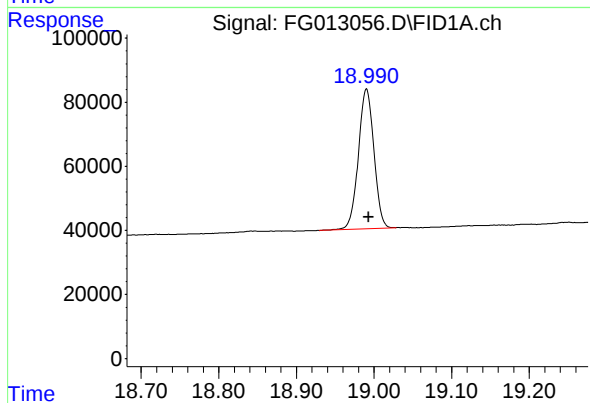
#16 n-Octacosane (C28)

R.T.: 17.267 min
Delta R.T.: -0.002 min
Response: 569846
Conc: 5.19 ug/ml



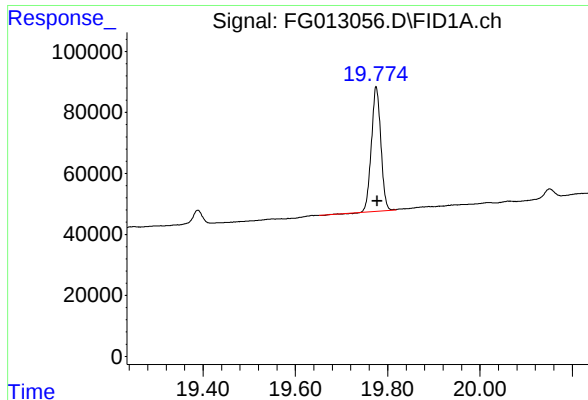
#17 n-Tricontane (C30)

R.T.: 18.157 min
Delta R.T.: -0.002 min
Response: 607419
Conc: 5.30 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: -0.003 min
Response: 606429
Conc: 5.28 ug/ml



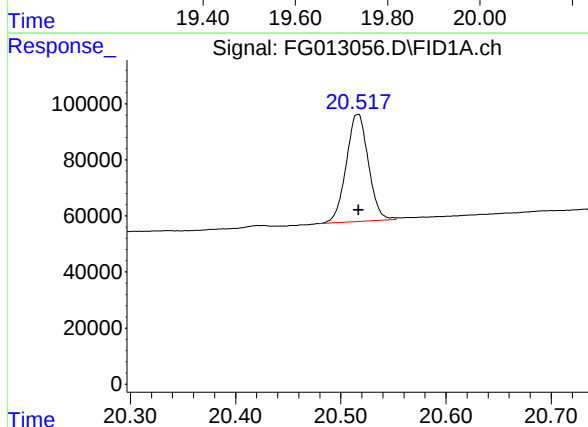
#19 n-Tetratriacontane (C34)

R.T.: 19.775 min
Delta R.T.: -0.003 min
Response: 583006
Conc: 5.21 ug/ml

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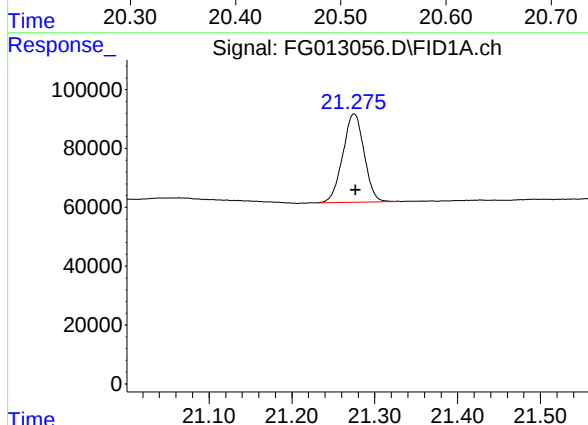
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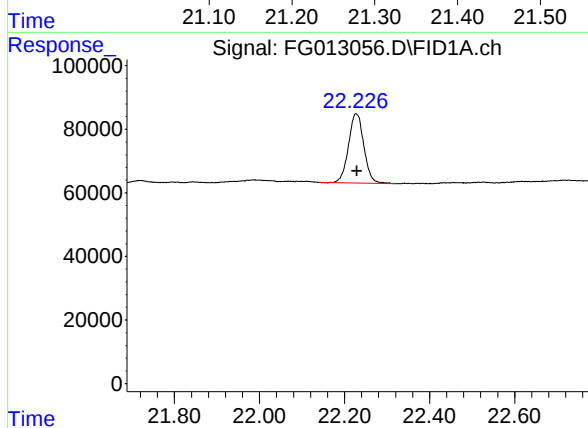
#20 n-Hexatriacontane (C36)

R.T.: 20.517 min
Delta R.T.: 0.000 min
Response: 557685
Conc: 4.89 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.275 min
Delta R.T.: -0.002 min
Response: 538561
Conc: 4.69 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.227 min
Delta R.T.: -0.002 min
Response: 542798
Conc: 4.69 ug/ml