

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
 Data File : FC068235.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 15:33
 Operator : YP/AJ
 Sample : Q1308-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EX-11-TPH-5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 07 22:15:28 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...	12.847	4451631	38.709 ug/ml
Spiked Amount 50.000		Recovery =	77.42%
Target Compounds			
1) T n-Nonane (C9)	3.211	2792946	20.396 ug/ml
2) T n-Decane (C10)	4.267	3367788	24.258 ug/mlm
4) T n-Dodecane (C12)	6.276	3893521	27.871 ug/ml
6) T n-Tetradecane (C14)	8.065	4327961	31.712 ug/ml
7) T n-Hexadecane (C16)	9.661	4409385	31.734 ug/ml
8) T n-Octadecane (C18)	11.099	4430987	31.669 ug/ml
10) T n-Eicosane (C20)	12.406	4489861	33.556 ug/ml
11) T n-Heneicosane (C21)	13.015	4276405	32.560 ug/ml
13) T n-Docosane (C22)	13.600	4231995	32.671 ug/ml
14) T n-Tetracosane (C24)	14.701	4148902	32.316 ug/ml
15) T n-Hexacosane (C26)	15.720	4053103	32.209 ug/ml
16) T n-Octacosane (C28)	16.668	3980200	31.823 ug/ml
17) T n-Tricontane (C30)	17.555	4015733	31.068 ug/ml
18) T n-Dotriacontane (C32)	18.386	3973130	31.782 ug/ml
19) T n-Tetratriacontane (C34)	19.168	3949911	36.413 ug/ml
20) T n-Hexatriacontane (C36)	19.907	3906650	42.214 ug/ml
21) T n-Octatriacontane (C38)	20.617	4250330	49.602 ug/mlm
22) T n-Tetracontane (C40)	21.476	4851224	59.996 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : Q1308-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

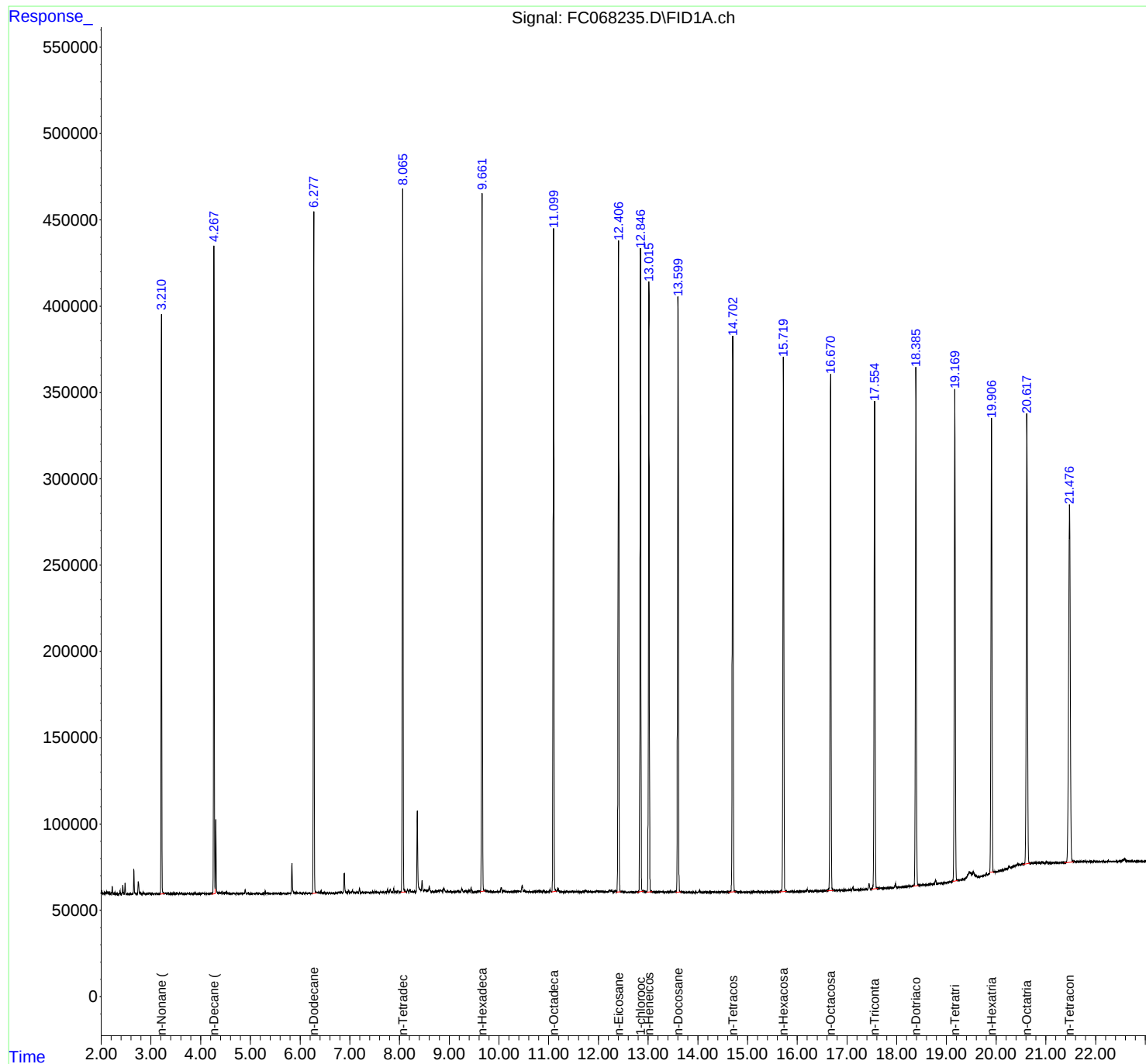
Instrument :
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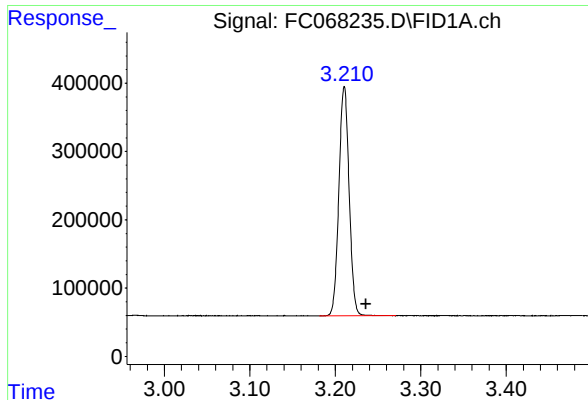
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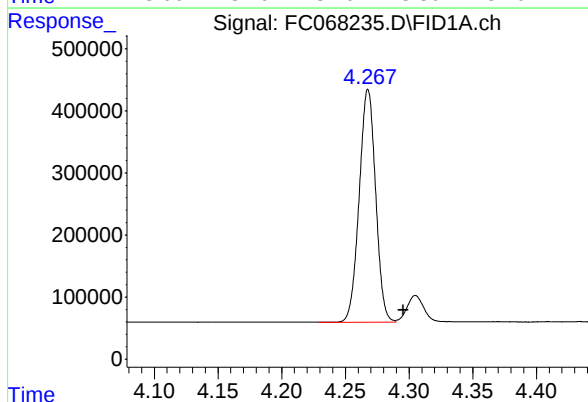
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.025 min
Response: 2792946
Conc: 20.40 ug/ml

Instrument :
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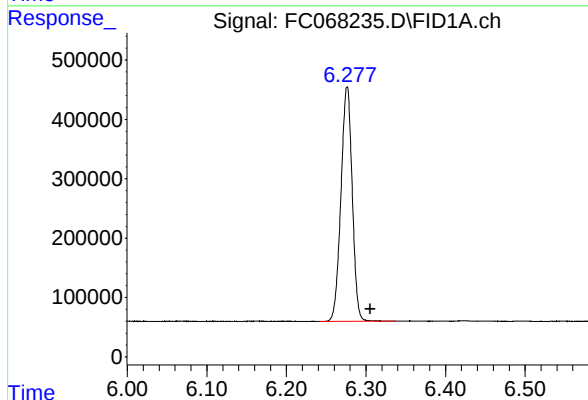
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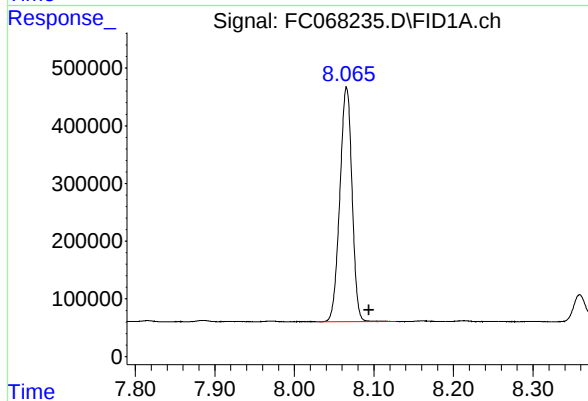
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: -0.028 min
Response: 3367788
Conc: 24.26 ug/ml



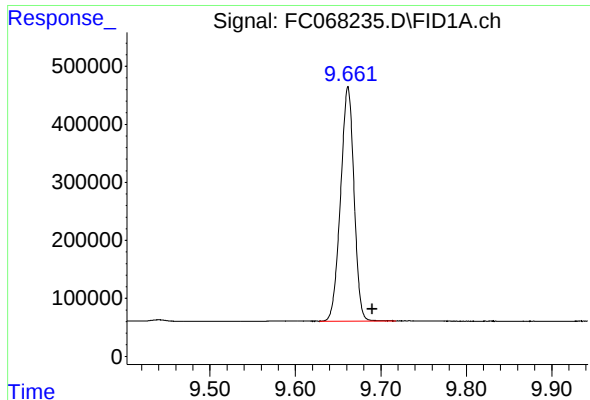
#4 n-Dodecane (C12)

R.T.: 6.276 min
Delta R.T.: -0.029 min
Response: 3893521
Conc: 27.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.065 min
Delta R.T.: -0.028 min
Response: 4327961
Conc: 31.71 ug/ml



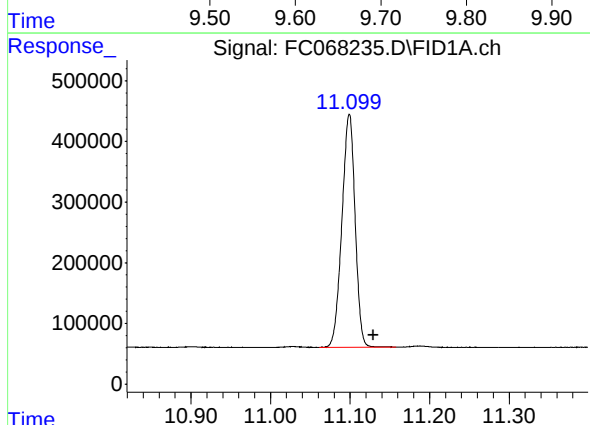
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: -0.029 min
Response: 4409385
Conc: 31.73 ug/ml

Instrument :
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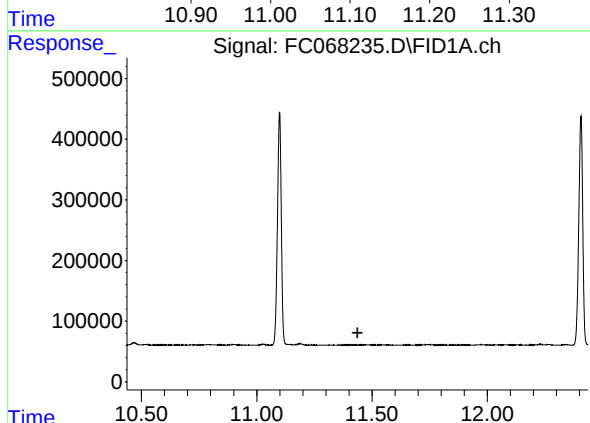
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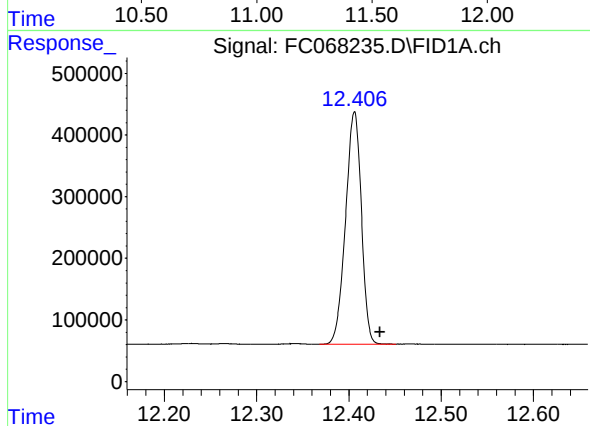
#8 n-Octadecane (C18)

R.T.: 11.099 min
Delta R.T.: -0.031 min
Response: 4430987
Conc: 31.67 ug/ml



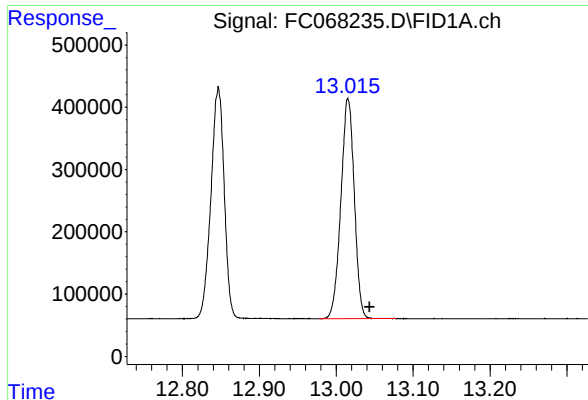
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.406 min
Delta R.T.: -0.028 min
Response: 4489861
Conc: 33.56 ug/ml



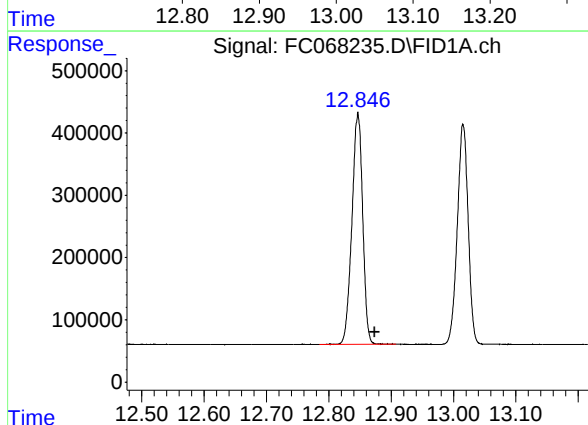
#11 n-Heneicosane (C21)

R.T.: 13.015 min
Delta R.T.: -0.028 min
Response: 4276405
Conc: 32.56 ug/ml

Instrument :
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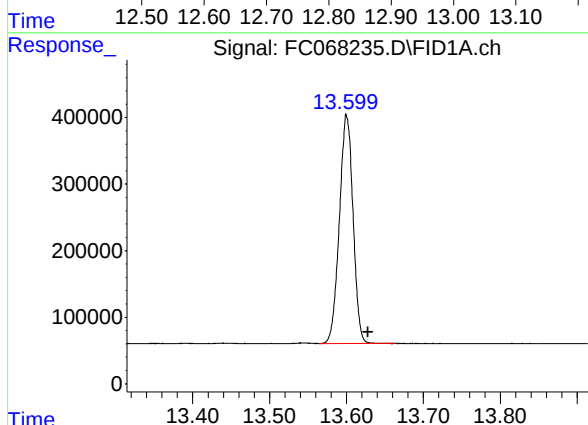
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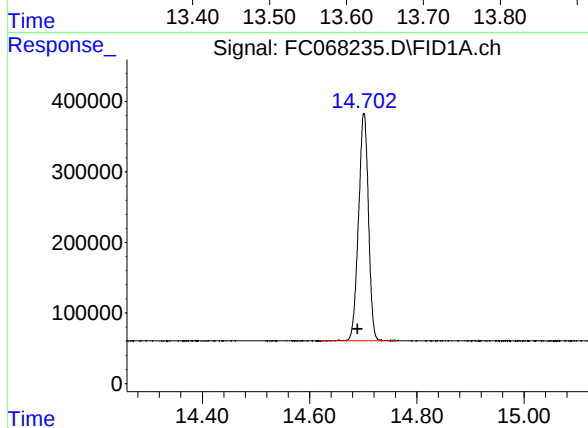
#12 1-chlorooctadecane (SURR)

R.T.: 12.847 min
Delta R.T.: -0.027 min
Response: 4451631
Conc: 38.71 ug/ml



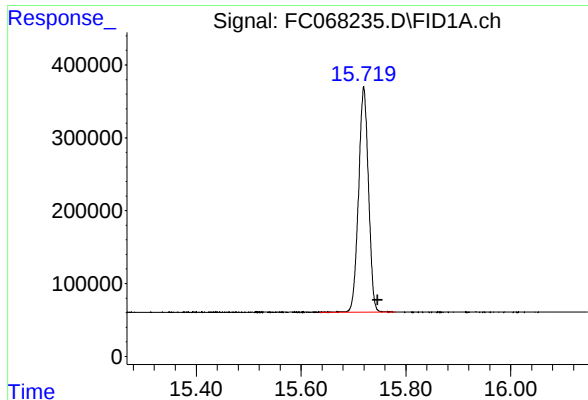
#13 n-Docosane (C22)

R.T.: 13.600 min
Delta R.T.: -0.028 min
Response: 4231995
Conc: 32.67 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.701 min
Delta R.T.: 0.011 min
Response: 4148902
Conc: 32.32 ug/ml



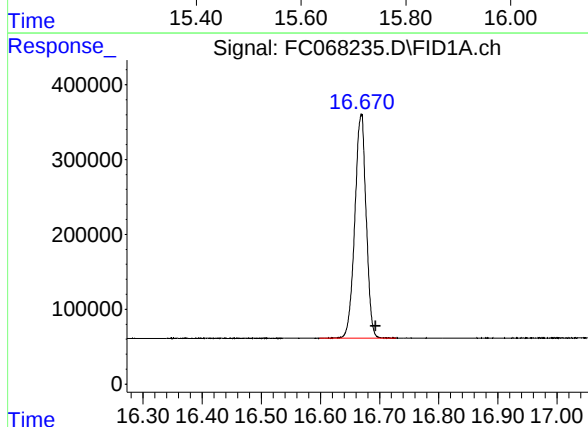
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: -0.026 min
Response: 4053103
Conc: 32.21 ug/ml

Instrument :
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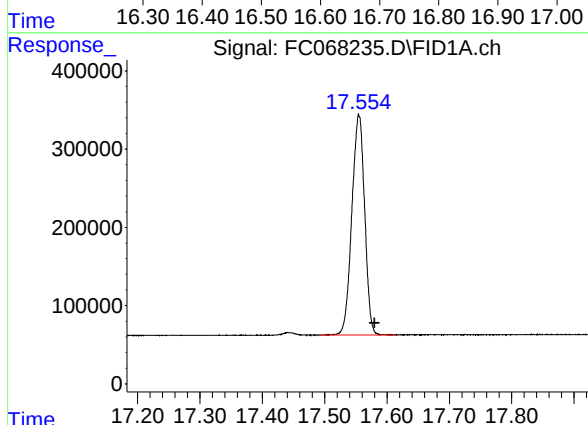
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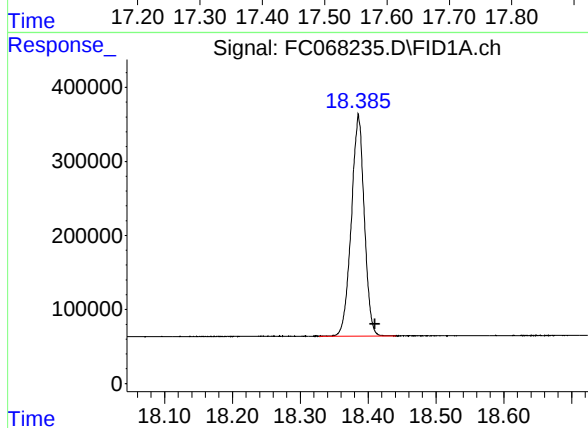
#16 n-Octacosane (C28)

R.T.: 16.668 min
Delta R.T.: -0.025 min
Response: 3980200
Conc: 31.82 ug/ml



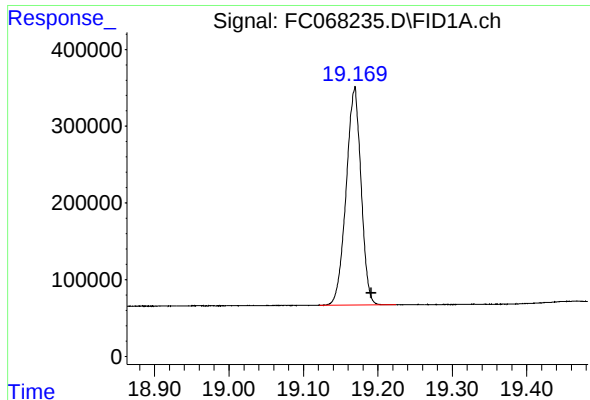
#17 n-Tricontane (C30)

R.T.: 17.555 min
Delta R.T.: -0.026 min
Response: 4015733
Conc: 31.07 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.386 min
Delta R.T.: -0.025 min
Response: 3973130
Conc: 31.78 ug/ml



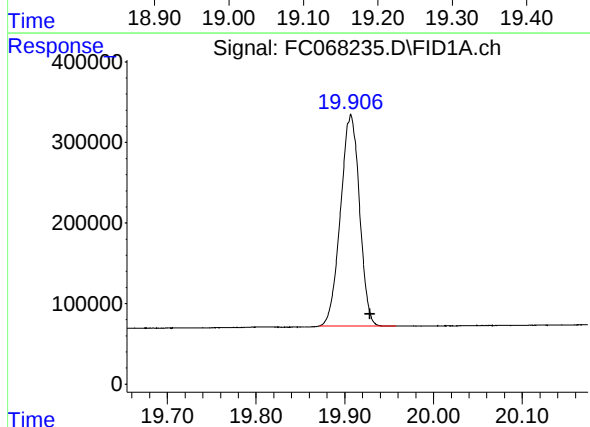
#19 n-Tetratriacontane (C34)

R.T.: 19.168 min
Delta R.T.: -0.023 min
Response: 3949911
Conc: 36.41 ug/ml

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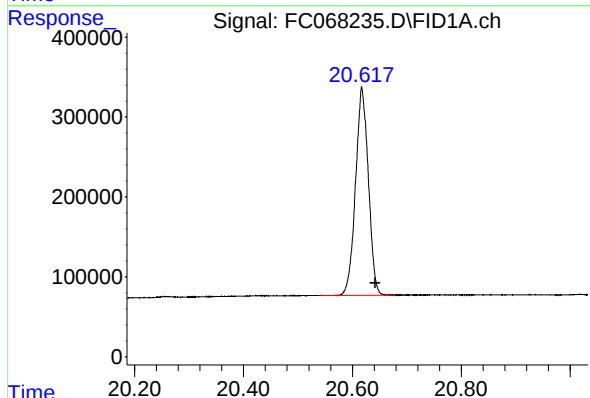
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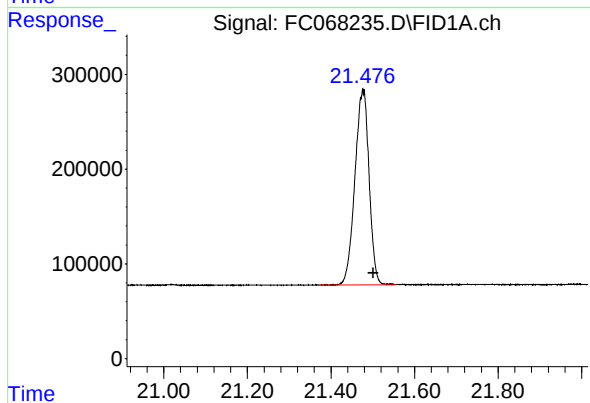
#20 n-Hexatriacontane (C36)

R.T.: 19.907 min
Delta R.T.: -0.022 min
Response: 3906650
Conc: 42.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.617 min
Delta R.T.: -0.025 min
Response: 4250330
Conc: 49.60 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: -0.025 min
Response: 4851224
Conc: 60.00 ug/ml m