

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022025AL\
 Data File : FC068289.D
 Signal(s) : FID1A.ch
 Acq On : 20 Feb 2025 16:00
 Operator : YP/AJ
 Sample : PB166803BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166803BSD

Integration File: autoint1.e
 Quant Time: Feb 21 01:11:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 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...	12.844	4362556	37.934 ug/ml
Spiked Amount 50.000		Recovery =	75.87%
Target Compounds			
1) T n-Nonane (C9)	3.207	3347929	24.449 ug/ml
2) T n-Decane (C10)	4.264	4177511	30.090 ug/ml
4) T n-Dodecane (C12)	6.274	4921674	35.231 ug/ml
6) T n-Tetradecane (C14)	8.062	5319913	38.980 ug/ml
7) T n-Hexadecane (C16)	9.659	5508985	39.648 ug/ml
8) T n-Octadecane (C18)	11.097	5593629	39.978 ug/ml
10) T n-Eicosane (C20)	12.404	5839759	43.645 ug/ml
11) T n-Heneicosane (C21)	13.015	5588375	42.549 ug/ml
13) T n-Docosane (C22)	13.600	5524254	42.647 ug/ml
14) T n-Tetracosane (C24)	14.700	5392648	42.003 ug/ml
15) T n-Hexacosane (C26)	15.719	5299276	42.112 ug/ml
16) T n-Octacosane (C28)	16.669	5208516	41.644 ug/ml
17) T n-Tricontane (C30)	17.555	5256272	40.666 ug/ml
18) T n-Dotriacontane (C32)	18.386	5191285	41.526 ug/ml
19) T n-Tetratriacontane (C34)	19.169	5102806	47.041 ug/ml
20) T n-Hexatriacontane (C36)	19.908	4869750	52.621 ug/ml
21) T n-Octatriacontane (C38)	20.621	4698995	54.838 ug/ml
22) T n-Tetracontane (C40)	21.478	4545365	56.213 ug/ml

(f)=RT Delta > 1/2 Window

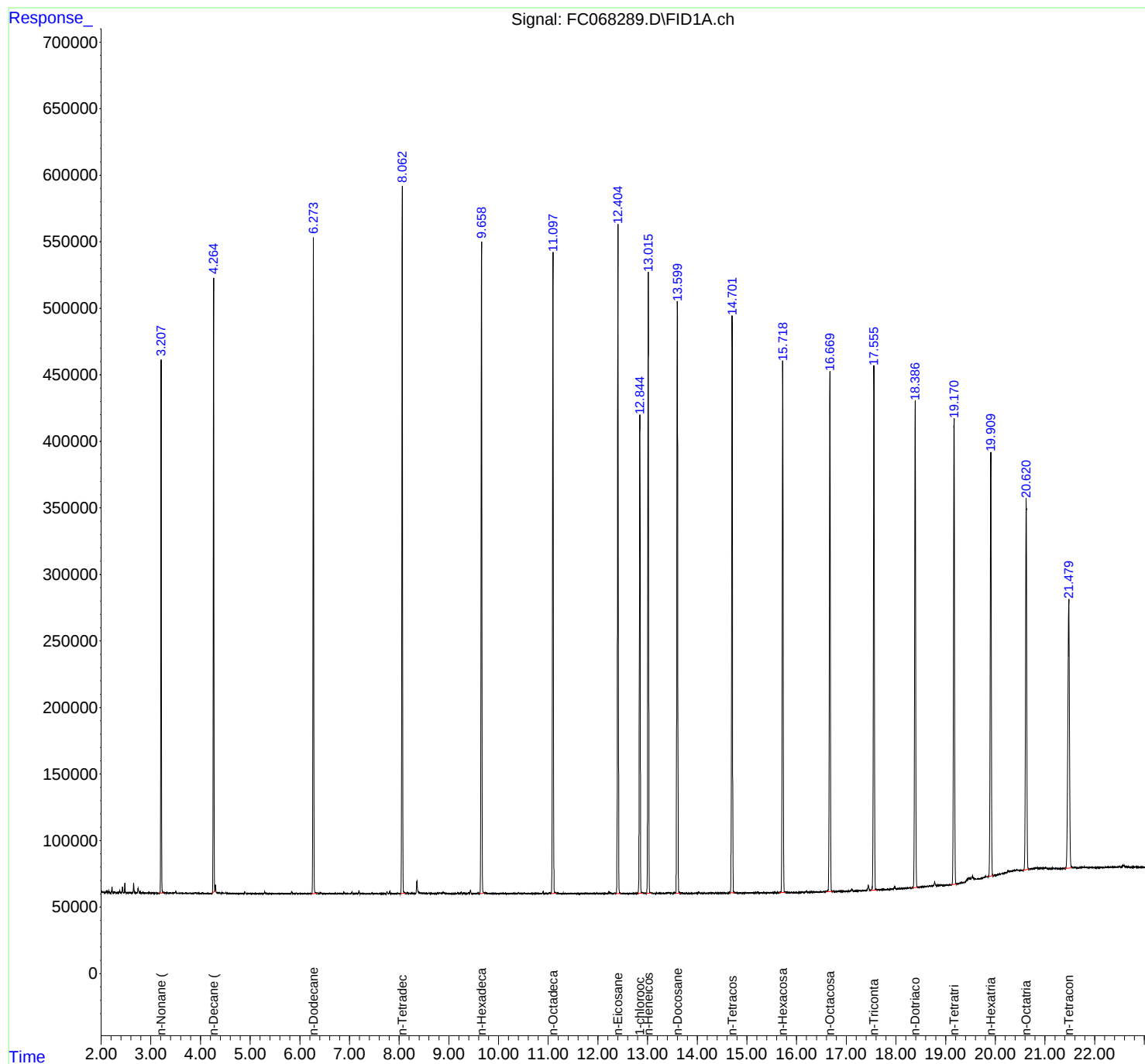
(m)=manual int.

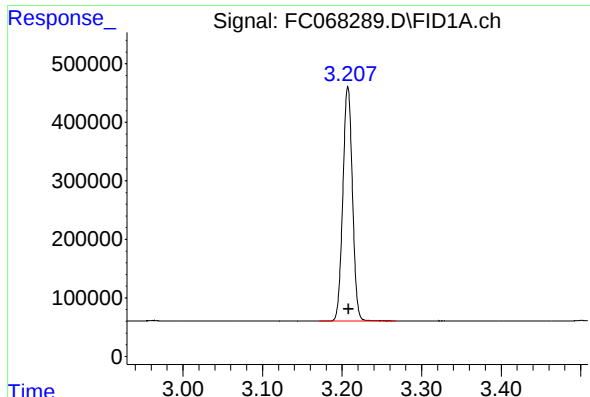
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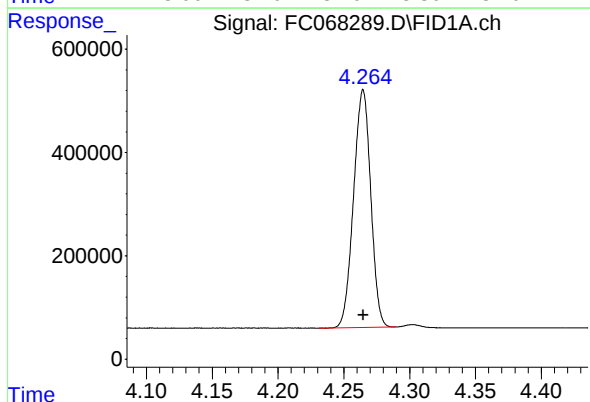




#1 n-Nonane (C9)

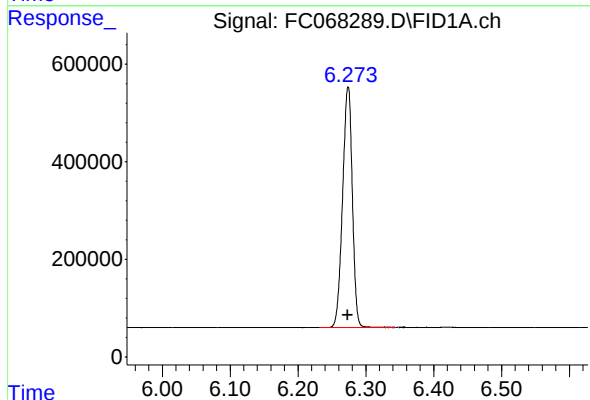
R.T.: 3.207 min
Delta R.T.: 0.000 min
Response: 3347929
Conc: 24.45 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166803BSD



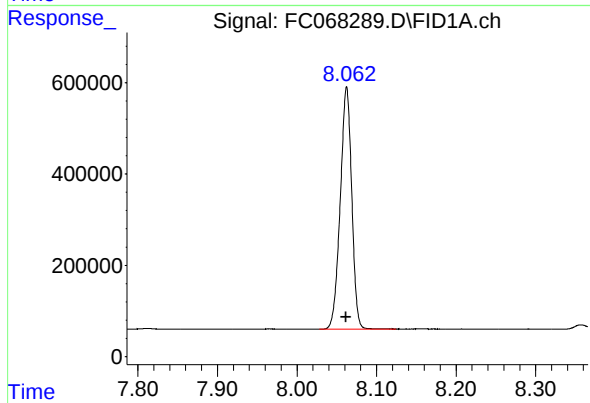
#2 n-Decane (C10)

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 4177511
Conc: 30.09 ug/ml



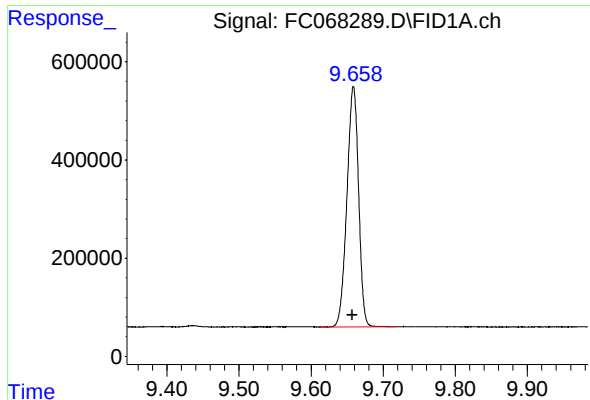
#4 n-Dodecane (C12)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 4921674
Conc: 35.23 ug/ml



#6 n-Tetradecane (C14)

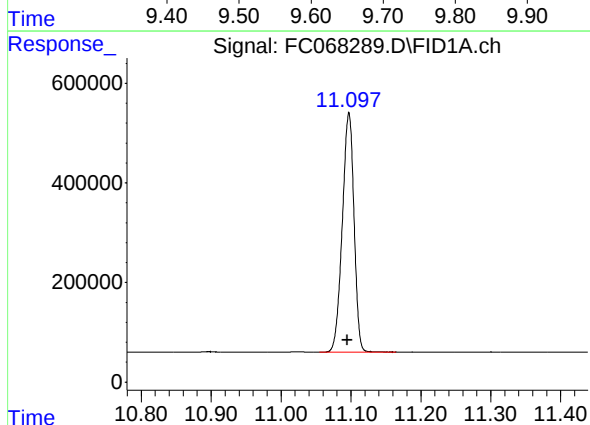
R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 5319913
Conc: 38.98 ug/ml



#7 n-Hexadecane (C16)

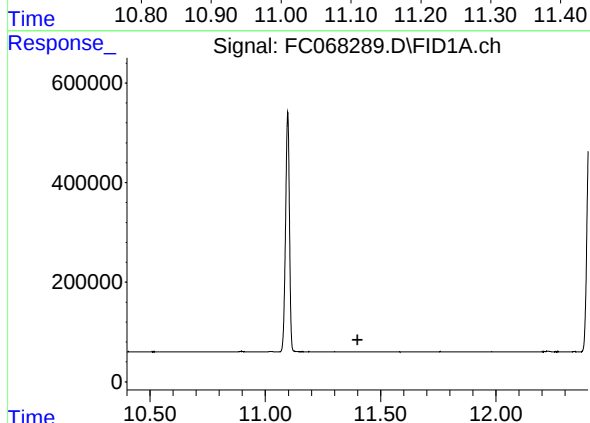
R.T.: 9.659 min
Delta R.T.: 0.001 min
Response: 5508985
Conc: 39.65 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166803BSD



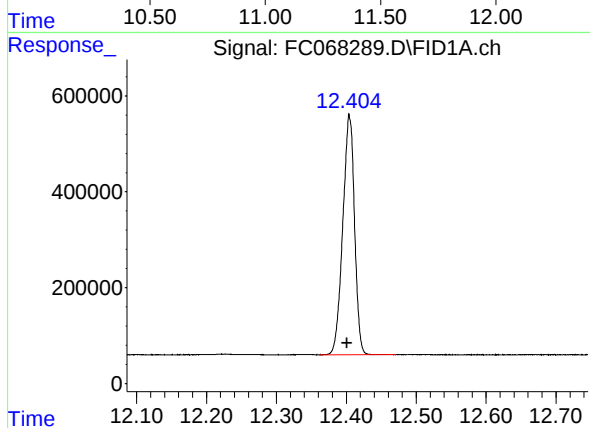
#8 n-Octadecane (C18)

R.T.: 11.097 min
Delta R.T.: 0.002 min
Response: 5593629
Conc: 39.98 ug/ml



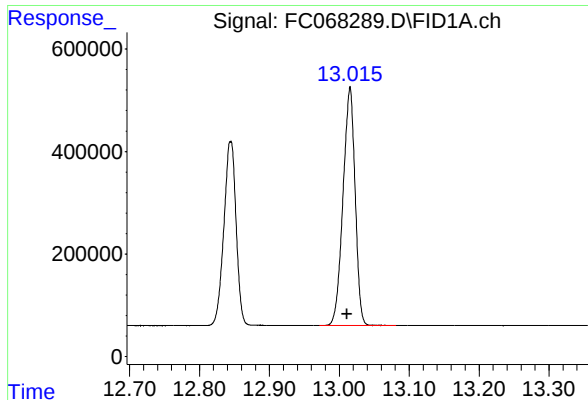
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

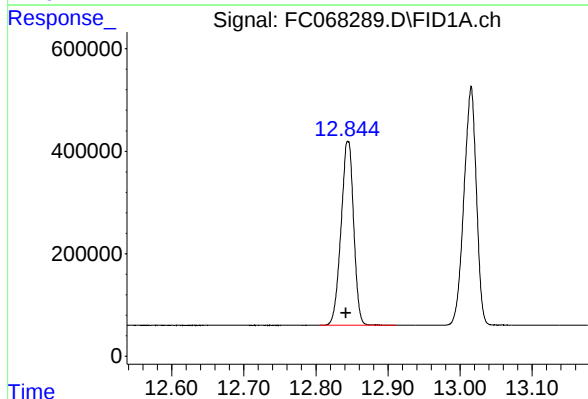
R.T.: 12.404 min
Delta R.T.: 0.004 min
Response: 5839759
Conc: 43.64 ug/ml



#11 n-Heneicosane (C21)

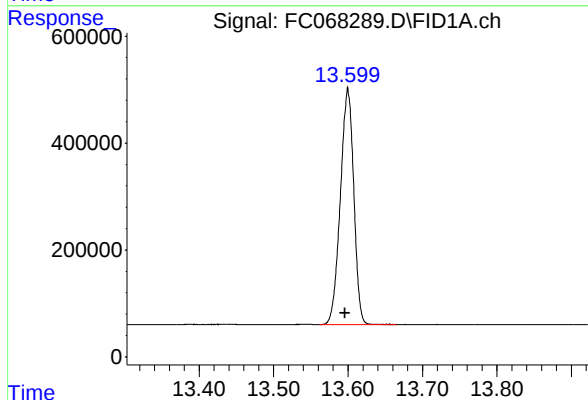
R.T.: 13.015 min
Delta R.T.: 0.004 min
Response: 5588375
Conc: 42.55 ug/ml

Instrument :
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ClientSampleId :
PB166803BSD



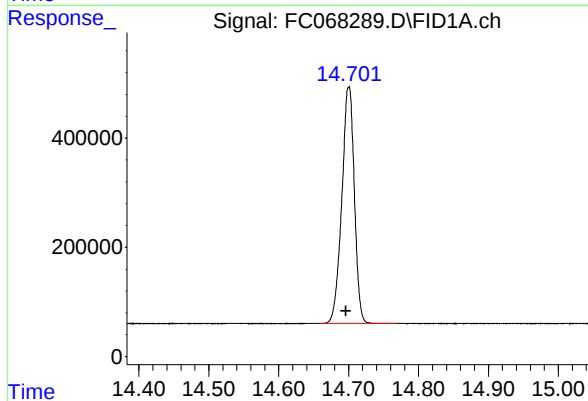
#12 1-chlorooctadecane (SURR)

R.T.: 12.844 min
Delta R.T.: 0.003 min
Response: 4362556
Conc: 37.93 ug/ml



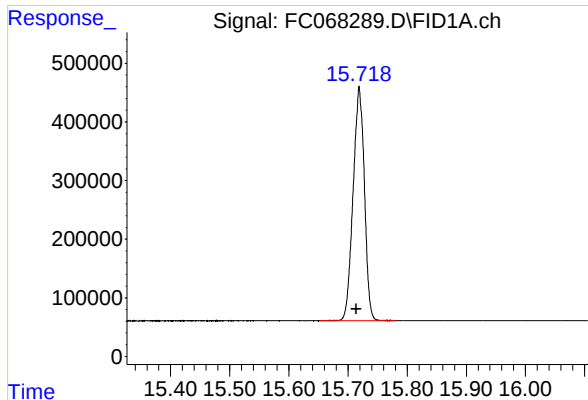
#13 n-Docosane (C22)

R.T.: 13.600 min
Delta R.T.: 0.004 min
Response: 5524254
Conc: 42.65 ug/ml



#14 n-Tetracosane (C24)

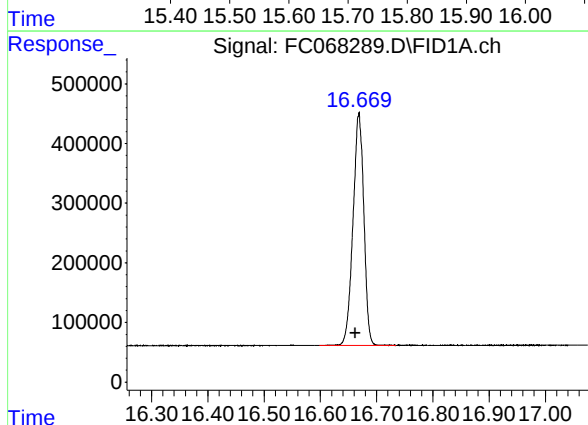
R.T.: 14.700 min
Delta R.T.: 0.004 min
Response: 5392648
Conc: 42.00 ug/ml



#15 n-Hexacosane (C26)

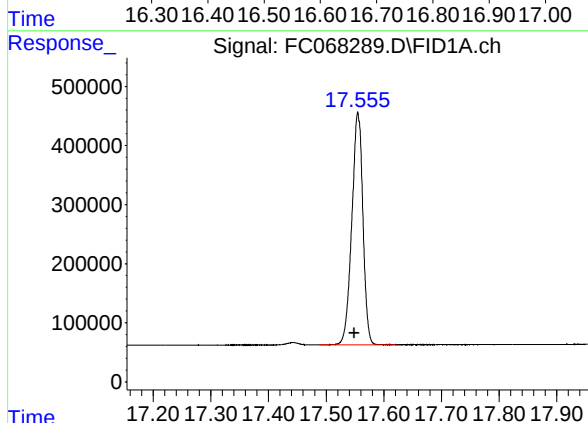
R.T.: 15.719 min
Delta R.T.: 0.005 min
Response: 5299276
Conc: 42.11 ug/ml

Instrument :
FID_C
ClientSampleId :
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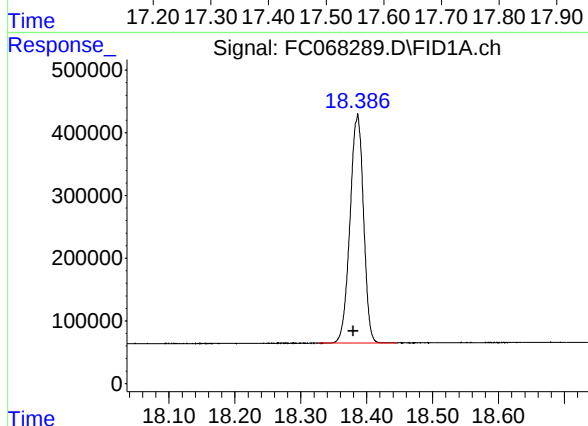
#16 n-Octacosane (C28)

R.T.: 16.669 min
Delta R.T.: 0.007 min
Response: 5208516
Conc: 41.64 ug/ml



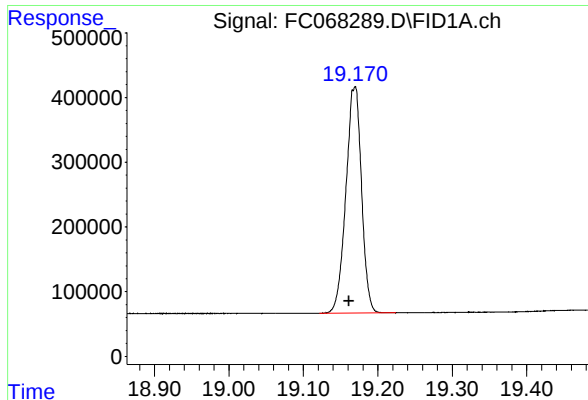
#17 n-Tricontane (C30)

R.T.: 17.555 min
Delta R.T.: 0.006 min
Response: 5256272
Conc: 40.67 ug/ml



#18 n-Dotriacontane (C32)

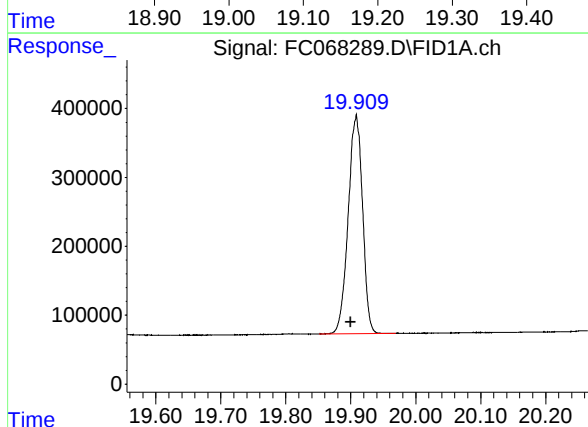
R.T.: 18.386 min
Delta R.T.: 0.006 min
Response: 5191285
Conc: 41.53 ug/ml



#19 n-Tetratriacontane (C34)

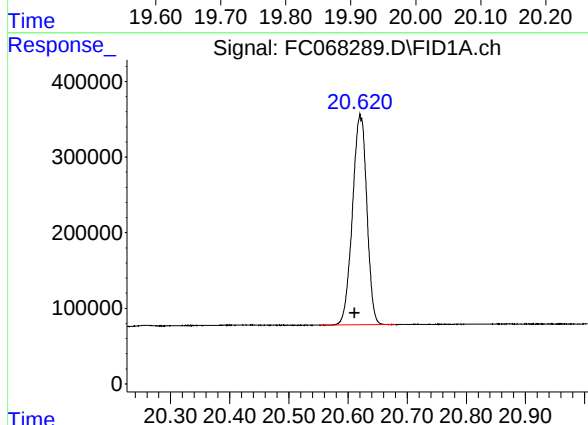
R.T.: 19.169 min
Delta R.T.: 0.007 min
Response: 5102806
Conc: 47.04 ug/ml

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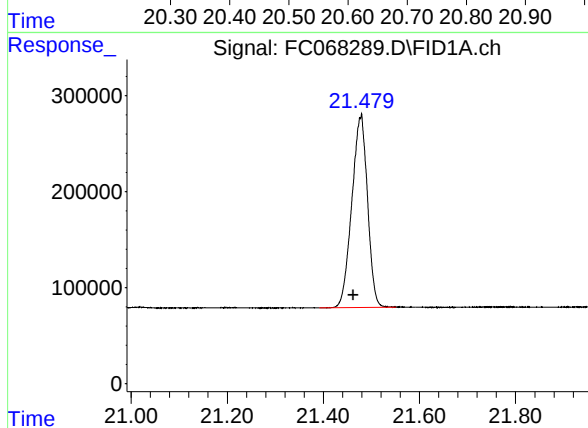
#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: 0.008 min
Response: 4869750
Conc: 52.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: 0.010 min
Response: 4698995
Conc: 54.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.478 min
Delta R.T.: 0.015 min
Response: 4545365
Conc: 56.21 ug/ml