

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022025AL\
 Data File : FC068288.D
 Signal(s) : FID1A.ch
 Acq On : 20 Feb 2025 15:23
 Operator : YP/AJ
 Sample : PB166803BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166803BS

Integration File: autoint1.e
 Quant Time: Feb 21 01:11:01 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	4407259	38.323 ug/ml
Spiked Amount 50.000		Recovery =	76.65%
Target Compounds			
1) T n-Nonane (C9)	3.207	3324579	24.279 ug/ml
2) T n-Decane (C10)	4.264	4161483	29.975 ug/ml
4) T n-Dodecane (C12)	6.273	4917952	35.204 ug/ml
6) T n-Tetradecane (C14)	8.062	5333468	39.079 ug/ml
7) T n-Hexadecane (C16)	9.658	5536440	39.845 ug/ml
8) T n-Octadecane (C18)	11.096	5644694	40.343 ug/ml
10) T n-Eicosane (C20)	12.403	5897908	44.079 ug/ml
11) T n-Heneicosane (C21)	13.015	5643162	42.966 ug/ml
13) T n-Docosane (C22)	13.599	5587119	43.132 ug/ml
14) T n-Tetracosane (C24)	14.701	5459292	42.522 ug/ml
15) T n-Hexacosane (C26)	15.720	5350756	42.521 ug/ml
16) T n-Octacosane (C28)	16.668	5254264	42.010 ug/ml
17) T n-Tricontane (C30)	17.555	5295776	40.971 ug/ml
18) T n-Dotriacontane (C32)	18.385	5213447	41.704 ug/ml
19) T n-Tetratriacontane (C34)	19.169	5124184	47.238 ug/ml
20) T n-Hexatriacontane (C36)	19.908	4888744	52.827 ug/ml
21) T n-Octatriacontane (C38)	20.621	4715718	55.033 ug/ml
22) T n-Tetracontane (C40)	21.477	4564507	56.450 ug/ml

(f)=RT Delta > 1/2 Window

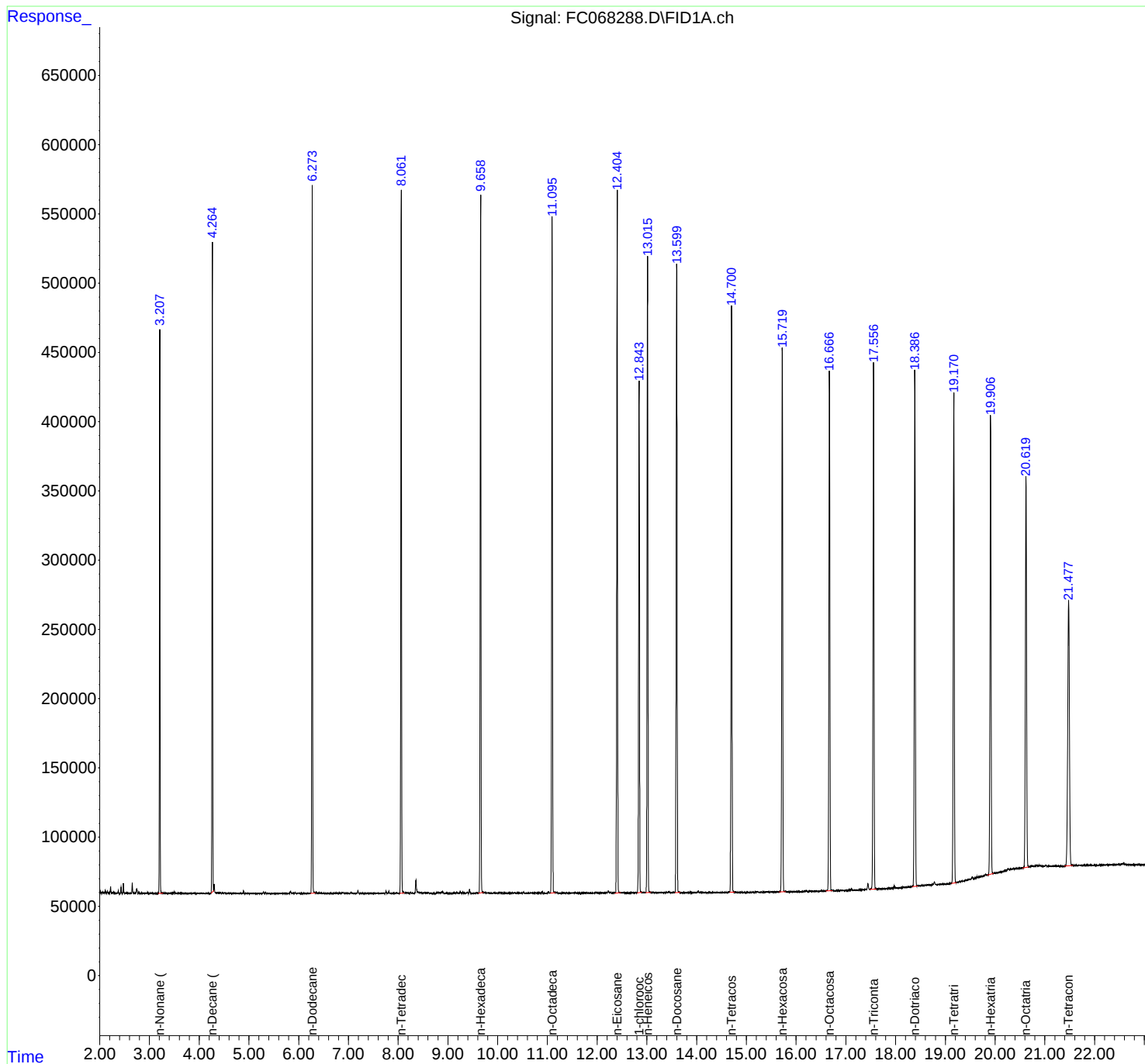
(m)=manual int.

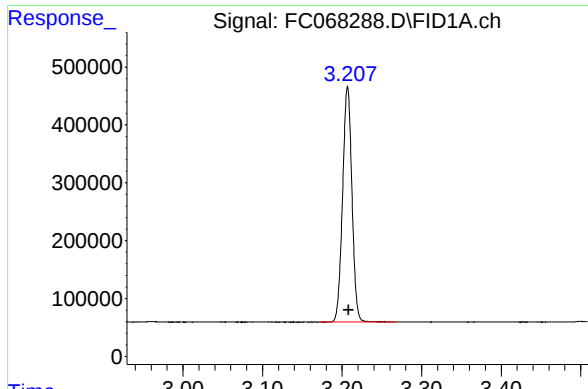
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022025AL\
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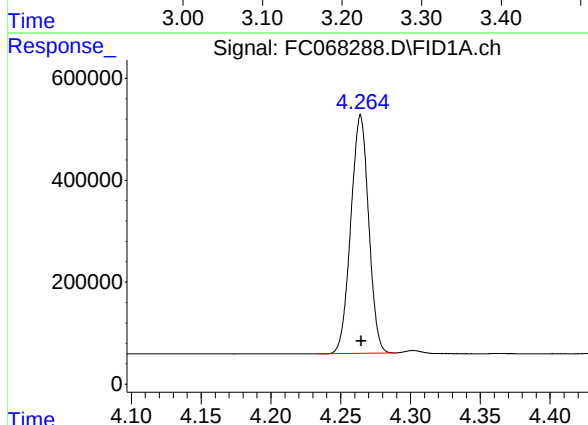




#1 n-Nonane (C9)

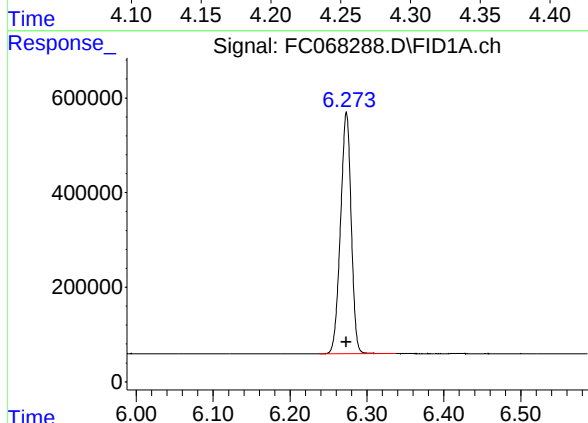
R.T.: 3.207 min
Delta R.T.: -0.001 min
Response: 3324579
Conc: 24.28 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166803BS



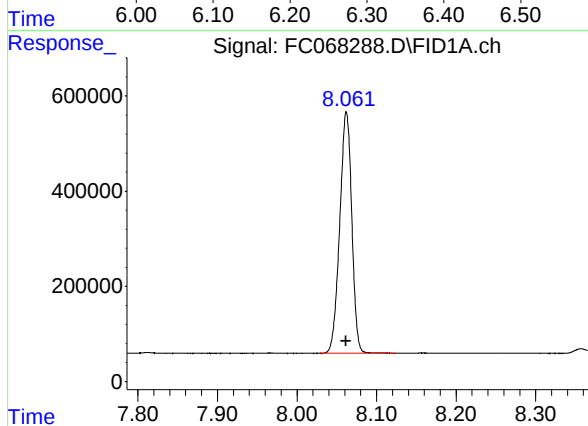
#2 n-Decane (C10)

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 4161483
Conc: 29.97 ug/ml



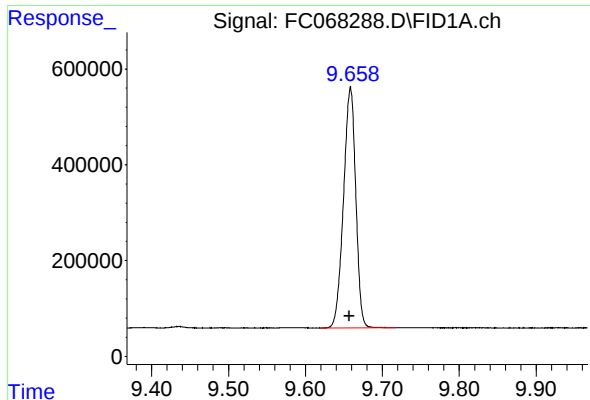
#4 n-Dodecane (C12)

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 4917952
Conc: 35.20 ug/ml



#6 n-Tetradecane (C14)

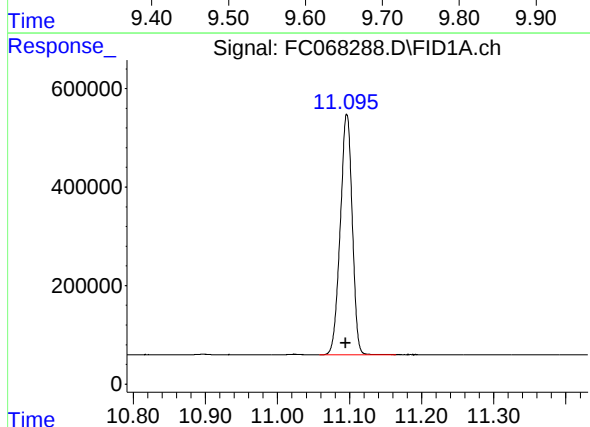
R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 5333468
Conc: 39.08 ug/ml



#7 n-Hexadecane (C16)

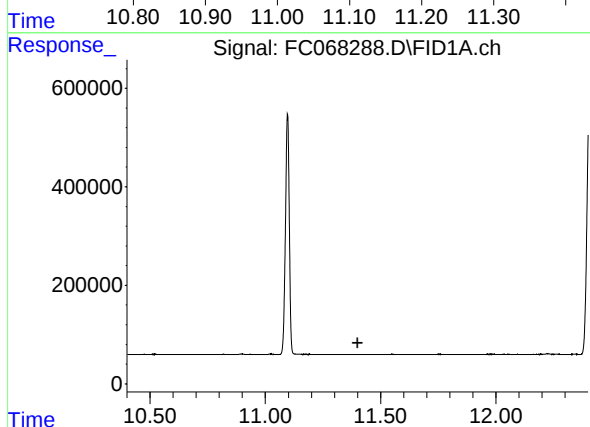
R.T.: 9.658 min
Delta R.T.: 0.000 min
Response: 5536440
Conc: 39.85 ug/ml

Instrument :
FID_C
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PB166803BS



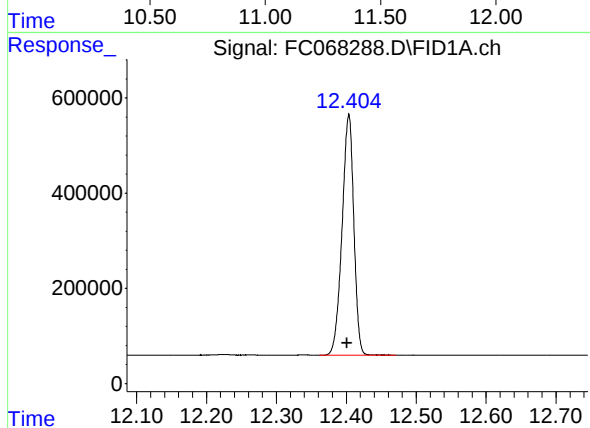
#8 n-Octadecane (C18)

R.T.: 11.096 min
Delta R.T.: 0.002 min
Response: 5644694
Conc: 40.34 ug/ml



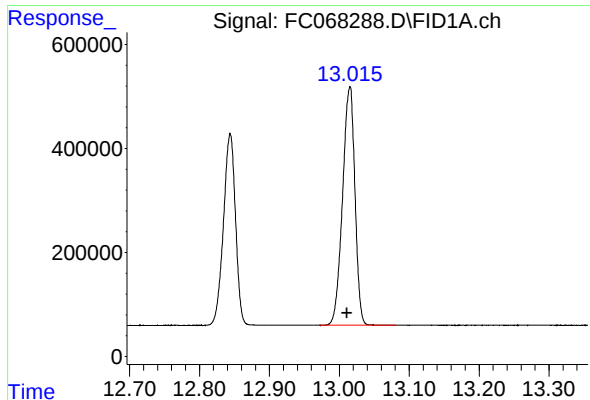
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

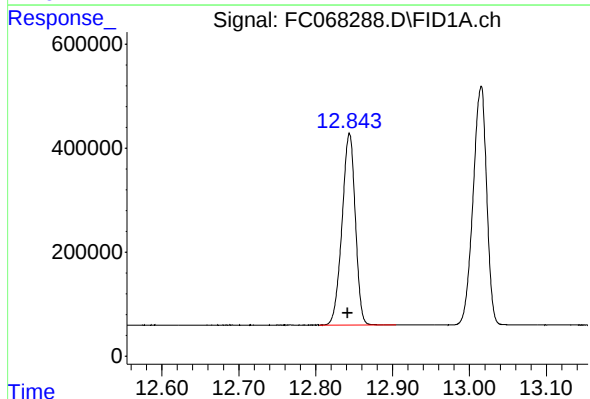
R.T.: 12.403 min
Delta R.T.: 0.003 min
Response: 5897908
Conc: 44.08 ug/ml



#11 n-Heneicosane (C21)

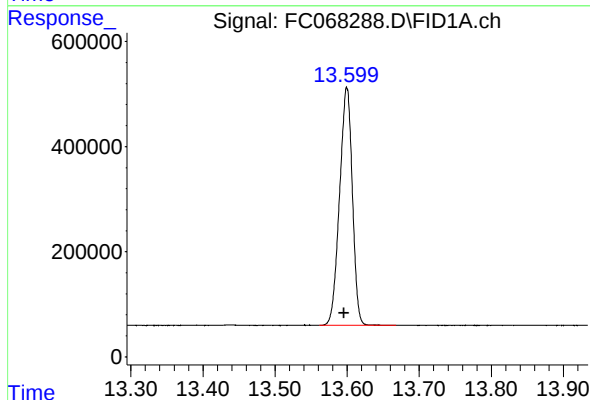
R.T.: 13.015 min
Delta R.T.: 0.004 min
Response: 5643162
Conc: 42.97 ug/ml

Instrument :
FID_C
ClientSampleId :
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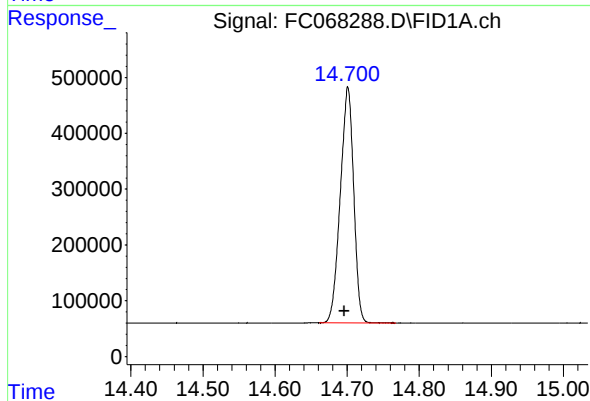
#12 1-chlorooctadecane (SURR)

R.T.: 12.844 min
Delta R.T.: 0.002 min
Response: 4407259
Conc: 38.32 ug/ml



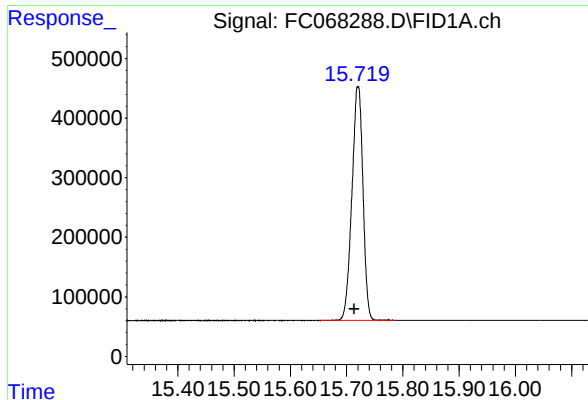
#13 n-Docosane (C22)

R.T.: 13.599 min
Delta R.T.: 0.004 min
Response: 5587119
Conc: 43.13 ug/ml



#14 n-Tetracosane (C24)

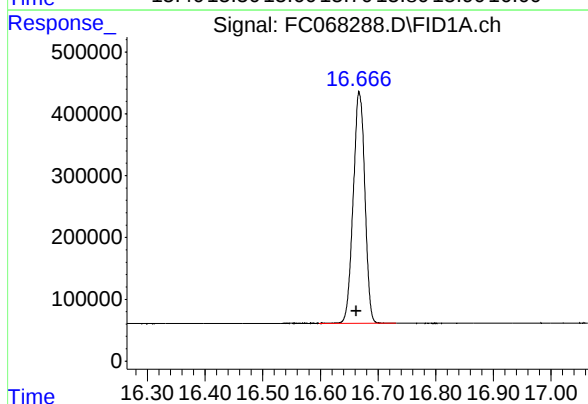
R.T.: 14.701 min
Delta R.T.: 0.005 min
Response: 5459292
Conc: 42.52 ug/ml



#15 n-Hexacosane (C26)

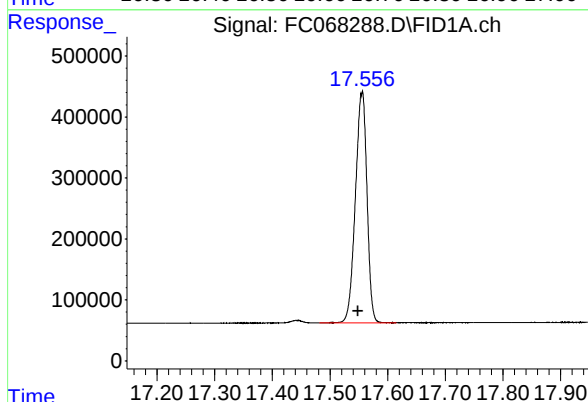
R.T.: 15.720 min
Delta R.T.: 0.006 min
Response: 5350756
Conc: 42.52 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166803BS



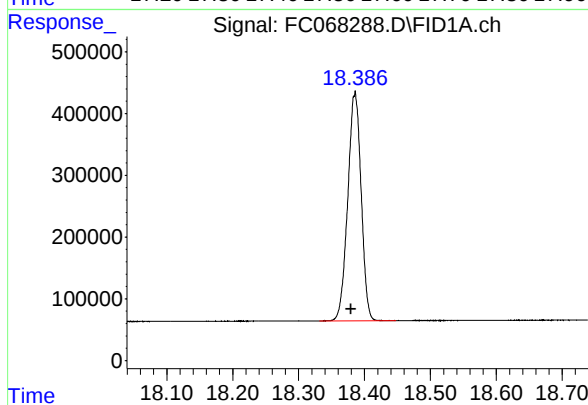
#16 n-Octacosane (C28)

R.T.: 16.668 min
Delta R.T.: 0.006 min
Response: 5254264
Conc: 42.01 ug/ml



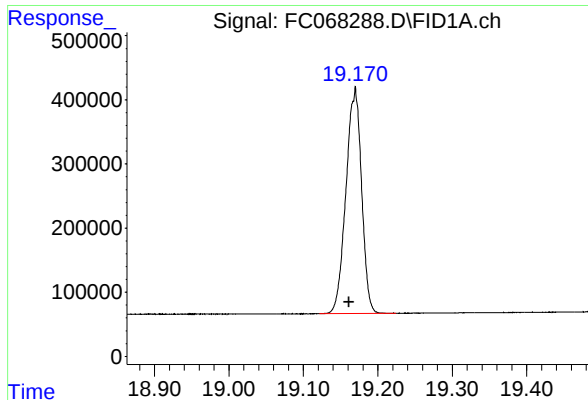
#17 n-Tricontane (C30)

R.T.: 17.555 min
Delta R.T.: 0.006 min
Response: 5295776
Conc: 40.97 ug/ml



#18 n-Dotriacontane (C32)

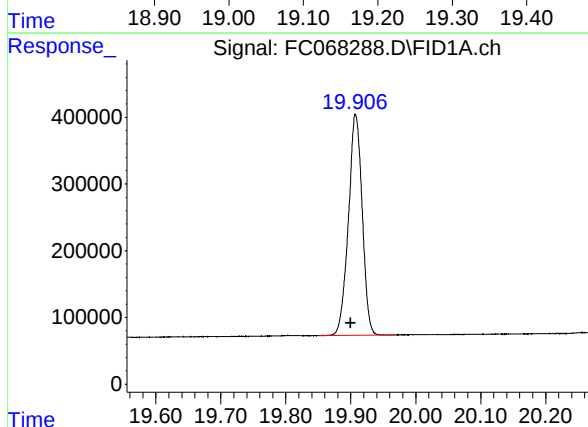
R.T.: 18.385 min
Delta R.T.: 0.006 min
Response: 5213447
Conc: 41.70 ug/ml



#19 n-Tetratriacontane (C34)

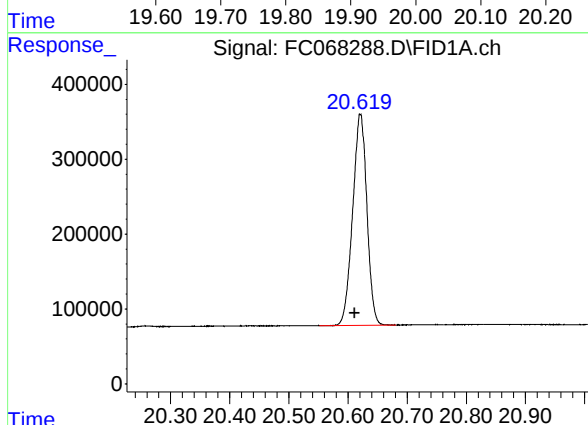
R.T.: 19.169 min
Delta R.T.: 0.008 min
Response: 5124184
Conc: 47.24 ug/ml

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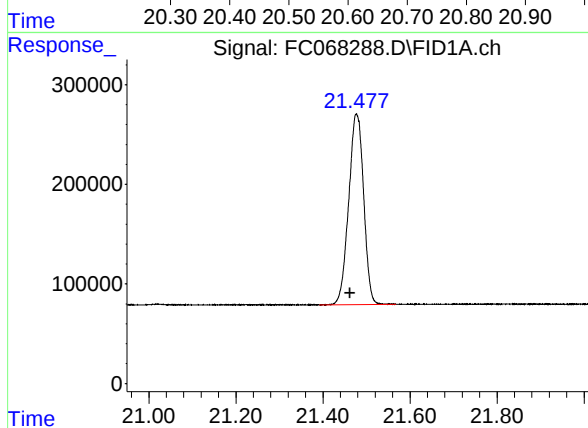
#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: 0.008 min
Response: 4888744
Conc: 52.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: 0.010 min
Response: 4715718
Conc: 55.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.477 min
Delta R.T.: 0.015 min
Response: 4564507
Conc: 56.45 ug/ml