

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
 Data File : FC068391.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 09:14
 Operator : YP/AJ
 Sample : PB167056BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167056BS

Integration File: autoint1.e
 Quant Time: Mar 11 13:40:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:39:25 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...	12.832	4190688	36.182 ug/ml
Spiked Amount 50.000		Recovery =	72.36%
Target Compounds			
1) T n-Nonane (C9)	3.202	3247110	22.249 ug/ml
2) T n-Decane (C10)	4.258	3961666	26.968 ug/ml
4) T n-Dodecane (C12)	6.265	4419466	30.270 ug/ml
6) T n-Tetradecane (C14)	8.053	4934454	35.096 ug/ml
7) T n-Hexadecane (C16)	9.649	5491233	38.834 ug/ml
8) T n-Octadecane (C18)	11.086	5834976	41.203 ug/ml
10) T n-Eicosane (C20)	12.393	6091738	44.830 ug/ml
11) T n-Heneicosane (C21)	13.003	5863316	43.923 ug/ml
13) T n-Docosane (C22)	13.587	5840647	44.293 ug/ml
14) T n-Tetracosane (C24)	14.688	5772520	43.540 ug/ml
15) T n-Hexacosane (C26)	15.706	5692168	43.464 ug/ml
16) T n-Octacosane (C28)	16.655	5549483	42.803 ug/ml
17) T n-Tricontane (C30)	17.540	5702596	41.663 ug/ml
18) T n-Dotriacontane (C32)	18.372	5673242	42.090 ug/ml
19) T n-Tetratriacontane (C34)	19.154	5603299	45.019 ug/ml
20) T n-Hexatriacontane (C36)	19.894	5347294	49.474 ug/ml
21) T n-Octatriacontane (C38)	20.606	5141354	52.406 ug/ml
22) T n-Tetracontane (C40)	21.453	4642304	51.492 ug/ml

(f)=RT Delta > 1/2 Window

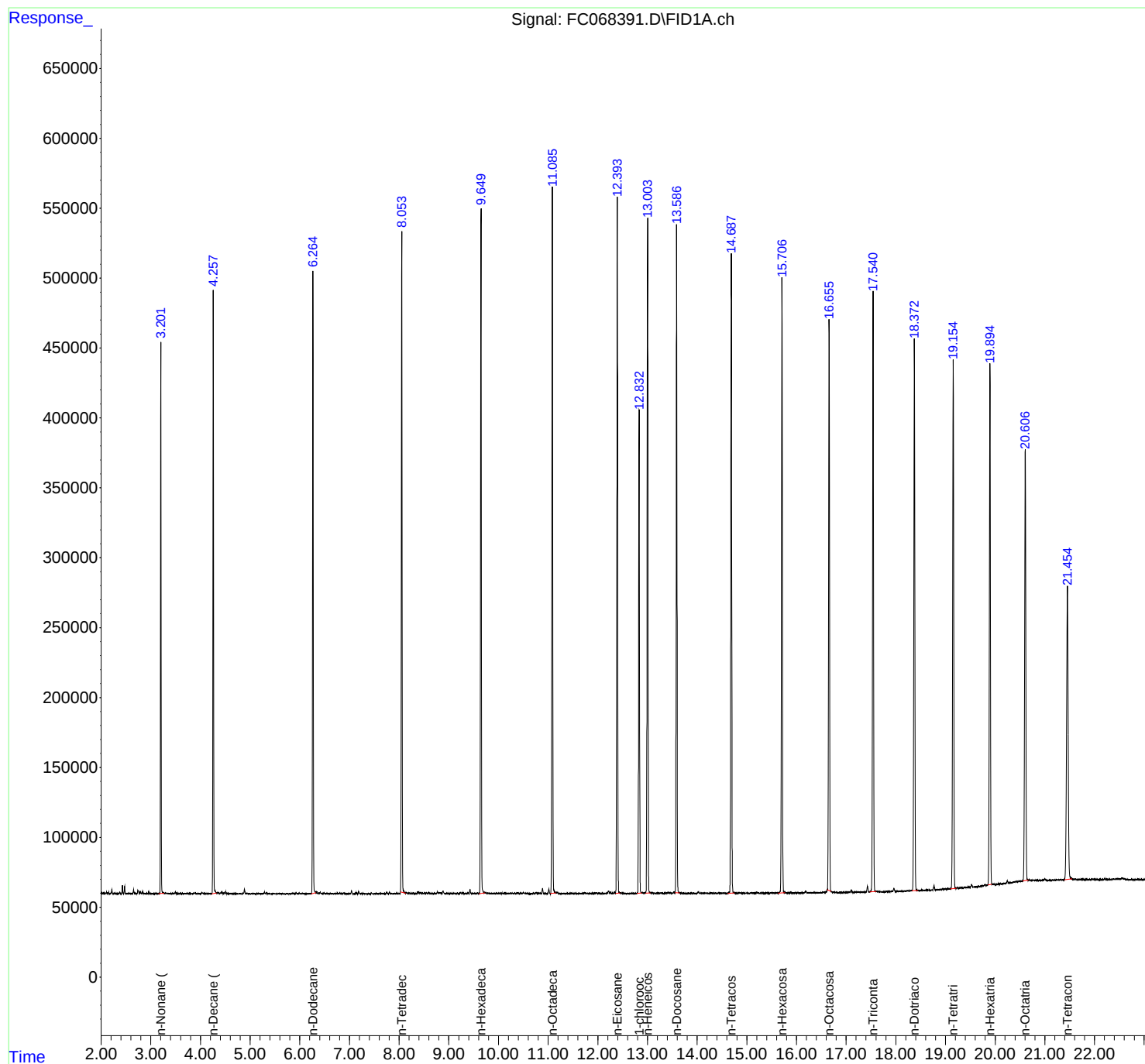
(m)=manual int.

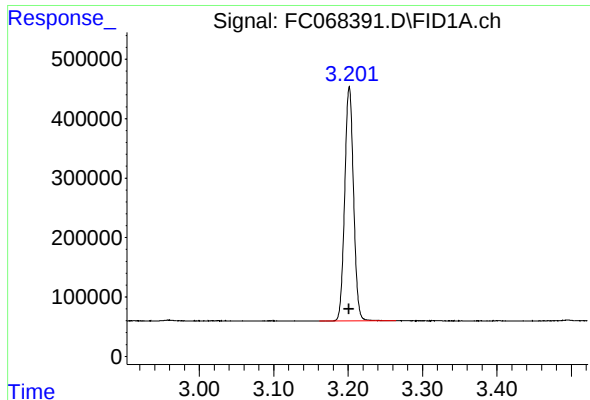
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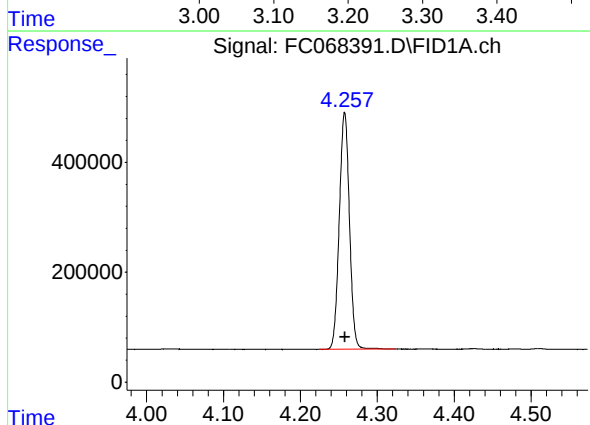




#1 n-Nonane (C9)

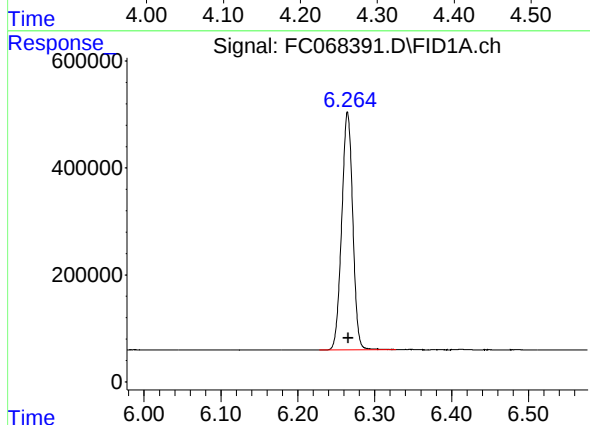
R.T.: 3.202 min
Delta R.T.: 0.000 min
Response: 3247110
Conc: 22.25 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167056BS



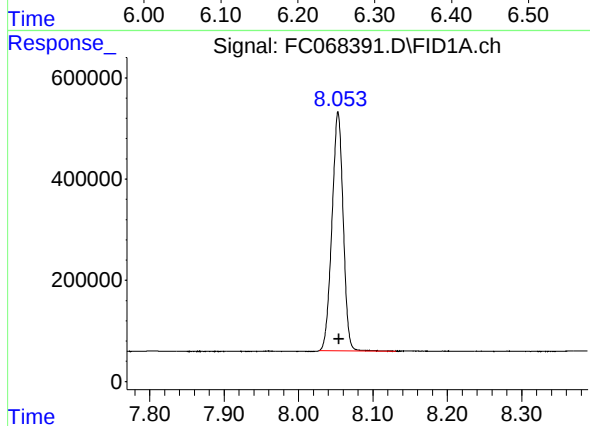
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 3961666
Conc: 26.97 ug/ml



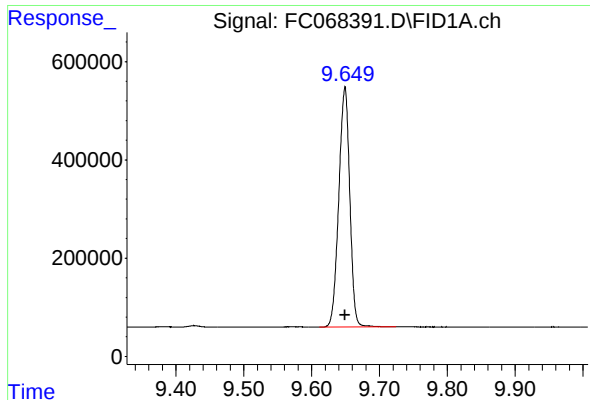
#4 n-Dodecane (C12)

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 4419466
Conc: 30.27 ug/ml



#6 n-Tetradecane (C14)

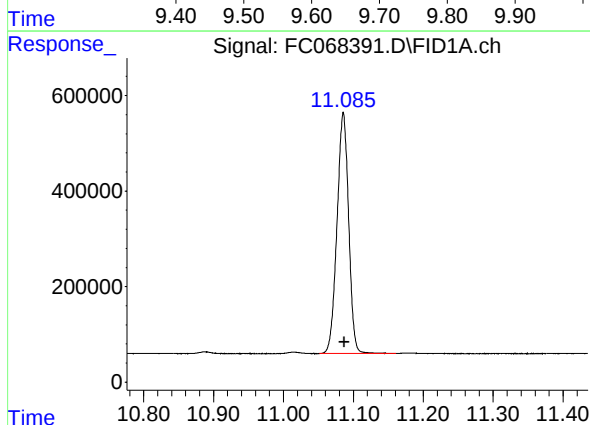
R.T.: 8.053 min
Delta R.T.: -0.001 min
Response: 4934454
Conc: 35.10 ug/ml



#7 n-Hexadecane (C16)

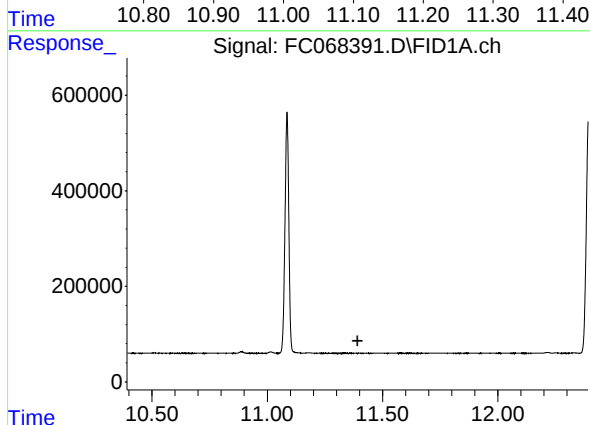
R.T.: 9.649 min
Delta R.T.: 0.000 min
Response: 5491233
Conc: 38.83 ug/ml

Instrument :
FID_C
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PB167056BS



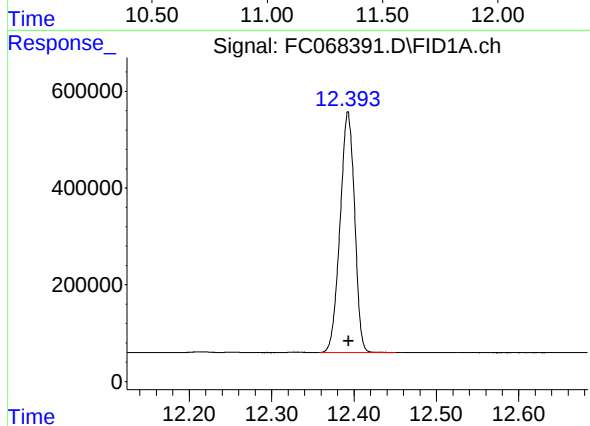
#8 n-Octadecane (C18)

R.T.: 11.086 min
Delta R.T.: -0.002 min
Response: 5834976
Conc: 41.20 ug/ml



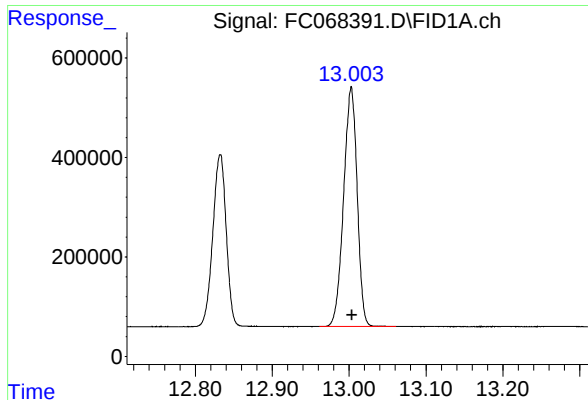
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.391 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

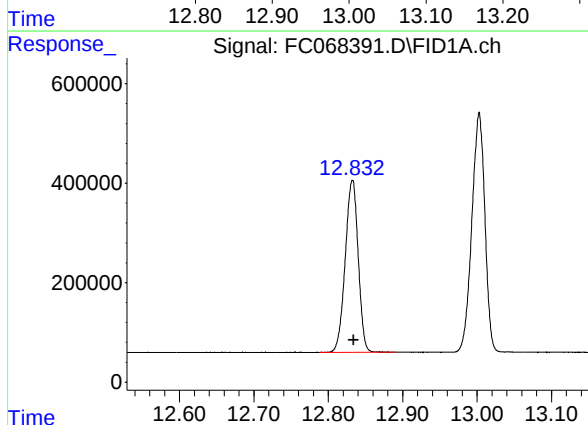
R.T.: 12.393 min
Delta R.T.: 0.000 min
Response: 6091738
Conc: 44.83 ug/ml



#11 n-Heneicosane (C21)

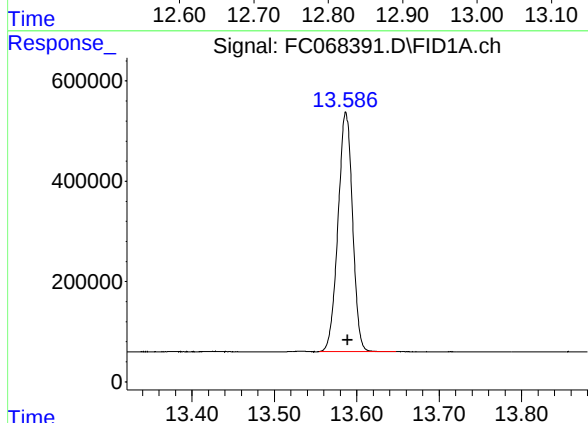
R.T.: 13.003 min
Delta R.T.: -0.001 min
Response: 5863316
Conc: 43.92 ug/ml

Instrument :
FID_C
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PB167056BS



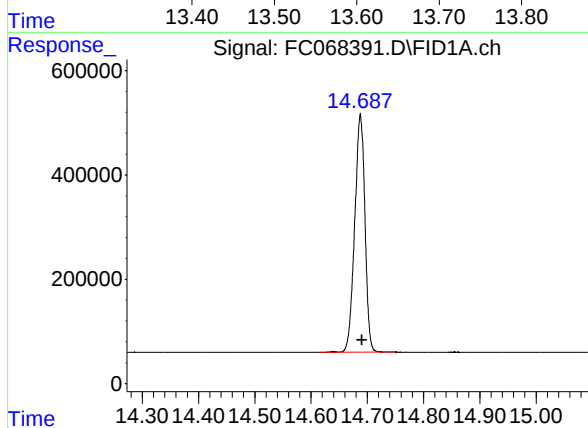
#12 1-chlorooctadecane (SURR)

R.T.: 12.832 min
Delta R.T.: -0.002 min
Response: 4190688
Conc: 36.18 ug/ml



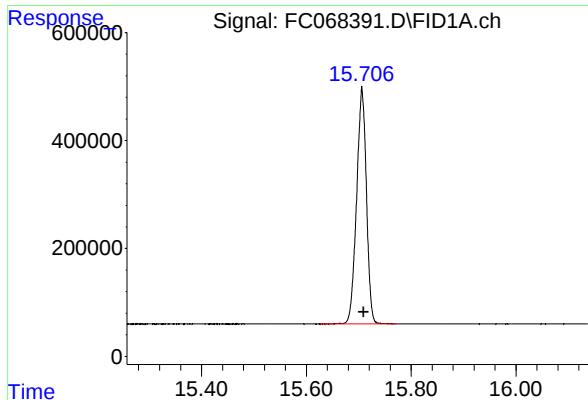
#13 n-Docosane (C22)

R.T.: 13.587 min
Delta R.T.: -0.002 min
Response: 5840647
Conc: 44.29 ug/ml



#14 n-Tetracosane (C24)

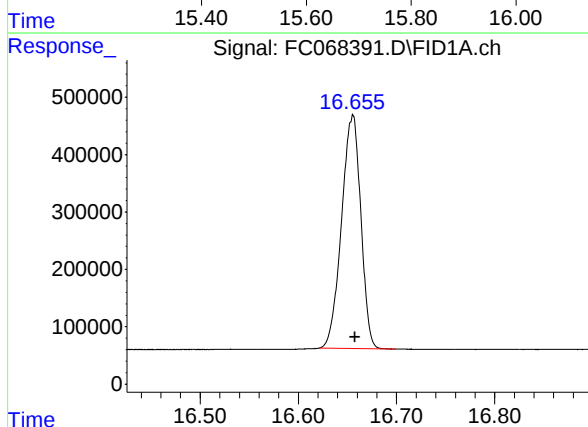
R.T.: 14.688 min
Delta R.T.: -0.003 min
Response: 5772520
Conc: 43.54 ug/ml



#15 n-Hexacosane (C26)

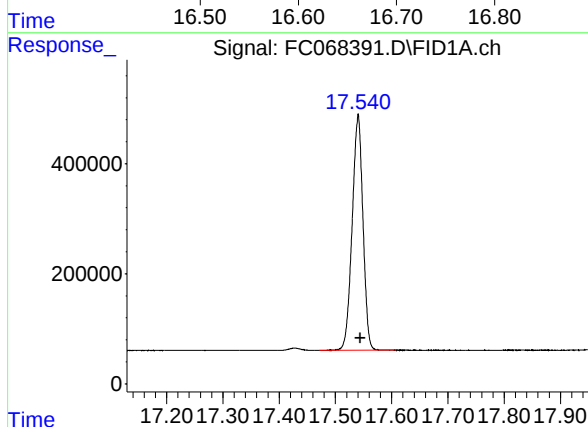
R.T.: 15.706 min
Delta R.T.: -0.003 min
Response: 5692168
Conc: 43.46 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167056BS



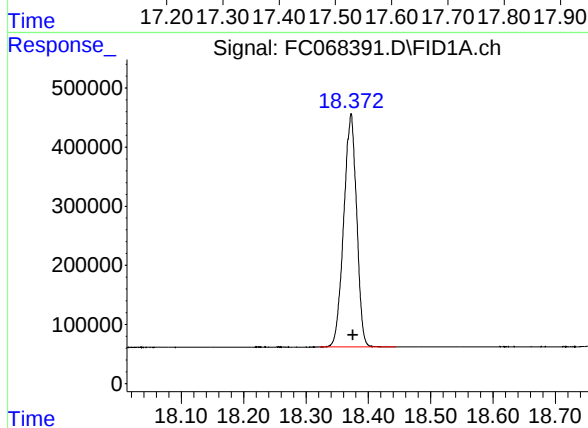
#16 n-Octacosane (C28)

R.T.: 16.655 min
Delta R.T.: -0.003 min
Response: 5549483
Conc: 42.80 ug/ml



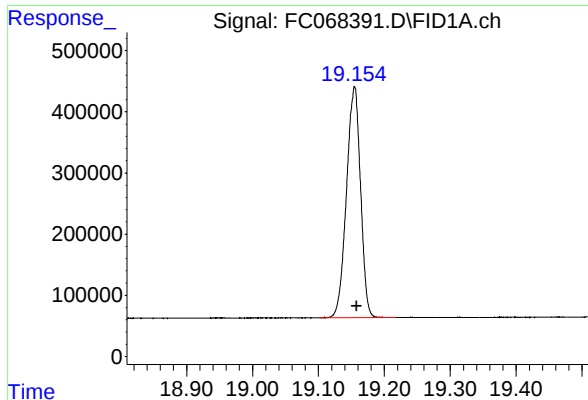
#17 n-Tricontane (C30)

R.T.: 17.540 min
Delta R.T.: -0.004 min
Response: 5702596
Conc: 41.66 ug/ml



#18 n-Dotriacontane (C32)

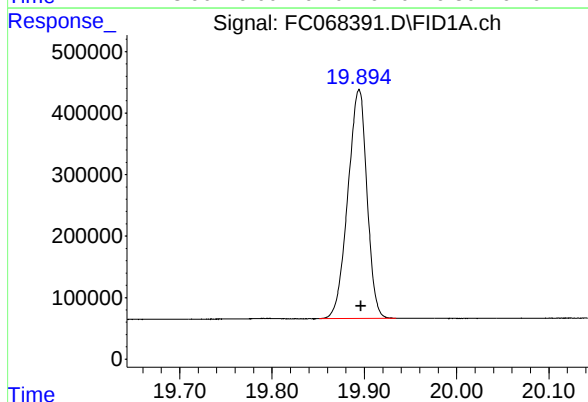
R.T.: 18.372 min
Delta R.T.: -0.004 min
Response: 5673242
Conc: 42.09 ug/ml



#19 n-Tetratriacontane (C34)

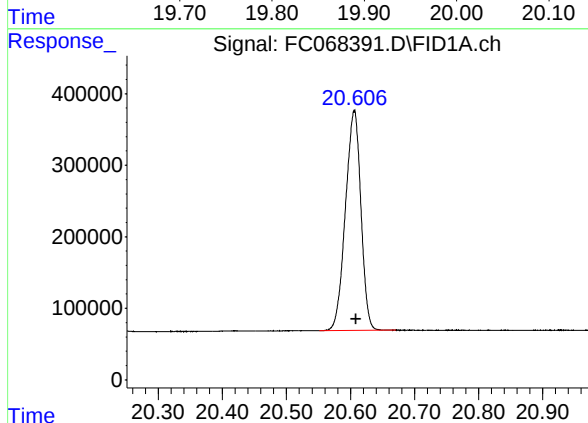
R.T.: 19.154 min
Delta R.T.: -0.003 min
Response: 5603299
Conc: 45.02 ug/ml

Instrument :
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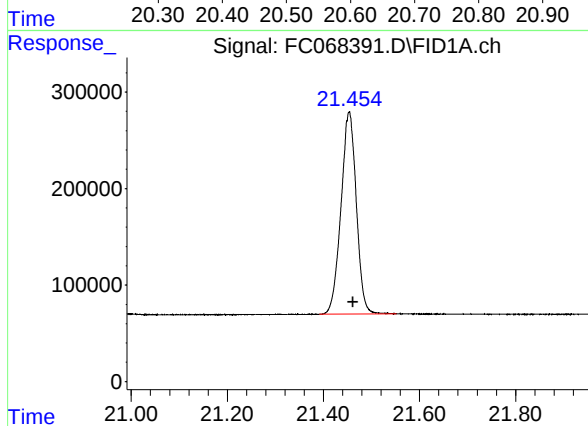
#20 n-Hexatriacontane (C36)

R.T.: 19.894 min
Delta R.T.: -0.002 min
Response: 5347294
Conc: 49.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.003 min
Response: 5141354
Conc: 52.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.453 min
Delta R.T.: -0.008 min
Response: 4642304
Conc: 51.49 ug/ml