

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121924AL\
 Data File : FC068051.D
 Signal(s) : FID1A.ch
 Acq On : 19 Dec 2024 17:44
 Operator : YP/AJ
 Sample : P5330-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP-5MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2024

Supervised By :Ankita Jodhani 12/20/2024

Integration File: autoint1.e

Quant Time: Dec 20 08:13:45 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

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			
9) S ortho-Terphenyl (SURR)	11.430	5306089	30.686 ug/ml
Spiked Amount 50.000		Recovery =	61.37%
12) S 1-chlorooctadecane (S...	12.872	4308979	33.771 ug/ml
Spiked Amount 50.000		Recovery =	67.54%
Target Compounds			
1) T n-Nonane (C9)	3.221	3723200	23.964 ug/ml
2) T n-Decane (C10)	4.281	4169165	26.300 ug/mlm
3) T A~Naphthalene (C11.7)	5.852	4979483	28.523 ug/ml
4) T n-Dodecane (C12)	6.293	4469542	27.759 ug/ml
5) T A~2-methylnaphthalene...	6.907	4780568	28.532 ug/ml
6) T n-Tetradecane (C14)	8.087	4903874	30.843 ug/ml
7) T n-Hexadecane (C16)	9.684	5080772	31.449 ug/ml
8) T n-Octadecane (C18)	11.124	5055341	31.489 ug/ml
10) T n-Eicosane (C20)	12.474	5020890	33.377 ug/ml
11) T n-Heneicosane (C21)	13.041	4851403	33.202 ug/ml
13) T n-Docosane (C22)	13.627	4797381	33.514 ug/ml
14) T n-Tetracosane (C24)	14.690	9204113	66.241 ug/mlm
15) T n-Hexacosane (C26)	15.748	4539000	33.941 ug/ml
16) T n-Octacosane (C28)	16.694	4516945	34.823 ug/mlm
17) T n-Tricontane (C30)	17.584	4735569	36.556 ug/ml
18) T n-Dotriacontane (C32)	18.414	4545695	36.692 ug/ml
19) T n-Tetratriacontane (C34)	19.198	4646653	42.572 ug/ml
20) T n-Hexatriacontane (C36)	19.937	4219300	44.597 ug/mlm
21) T n-Octatriacontane (C38)	20.653	4140138	45.766 ug/ml
22) T n-Tetracontane (C40)	21.519	4151837	47.106 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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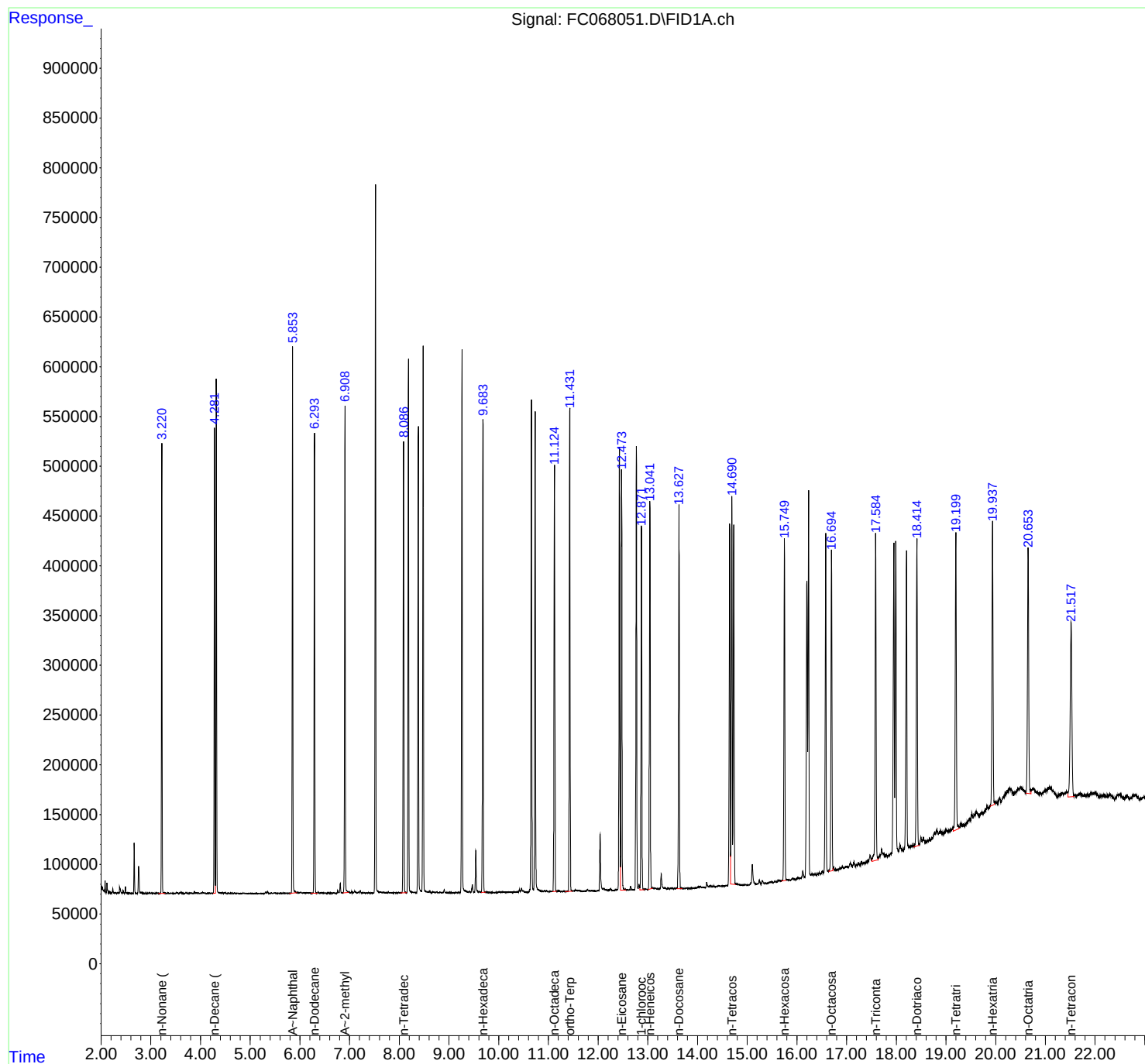
Response via : Initial Calibration

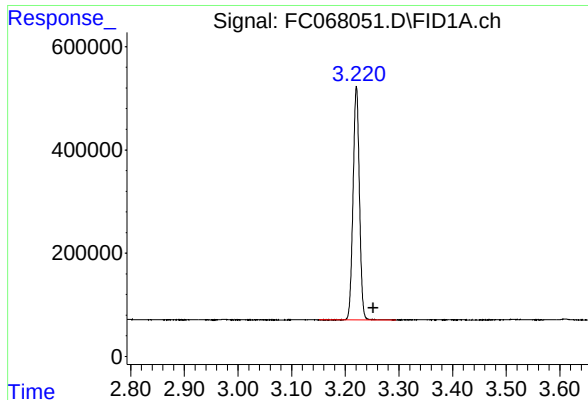
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





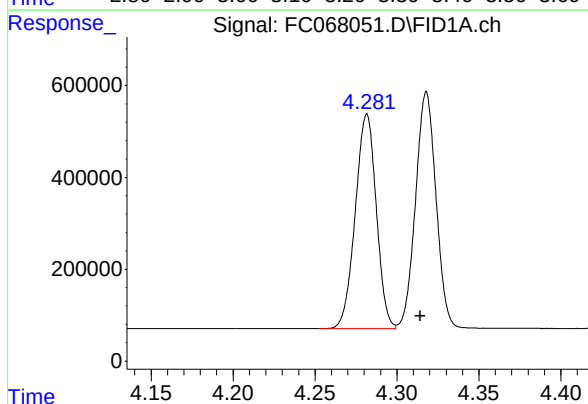
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.031 min
Response: 3723200
Conc: 23.96 ug/ml

Instrument :
FID_C
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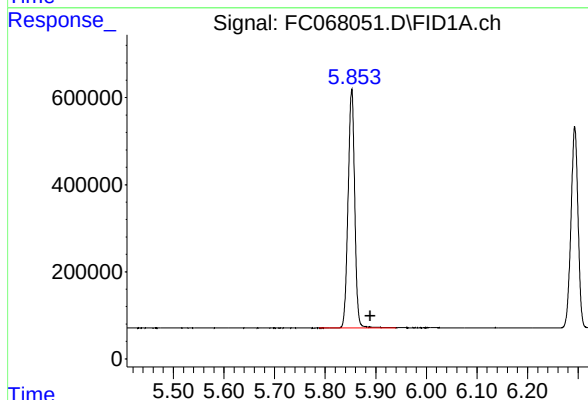
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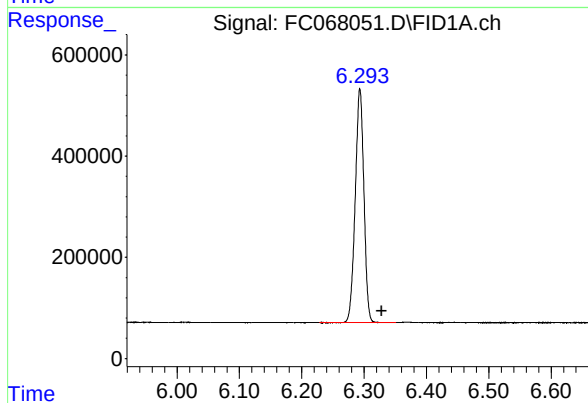
#2 n-Decane (C10)

R.T.: 4.281 min
Delta R.T.: -0.033 min
Response: 4169165
Conc: 26.30 ug/ml m



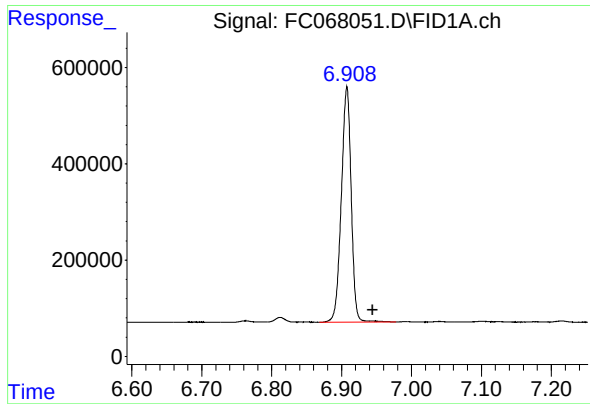
#3 A~Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: -0.037 min
Response: 4979483
Conc: 28.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.293 min
Delta R.T.: -0.035 min
Response: 4469542
Conc: 27.76 ug/ml



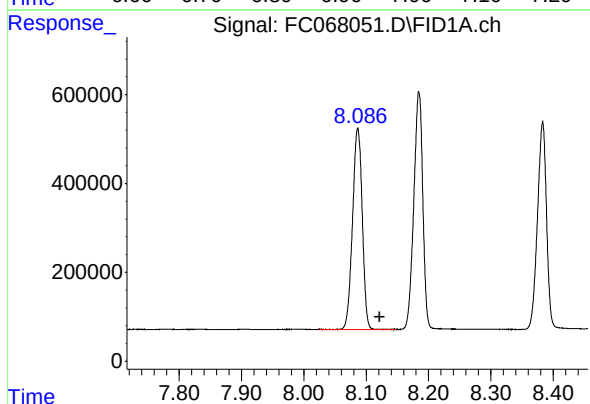
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.037 min
Response: 4780568
Conc: 28.53 ug/ml

Instrument :
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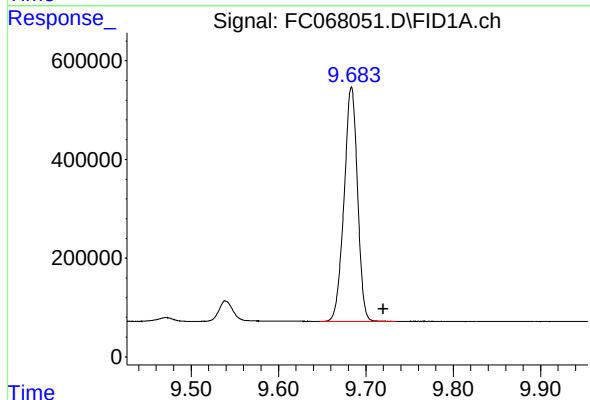
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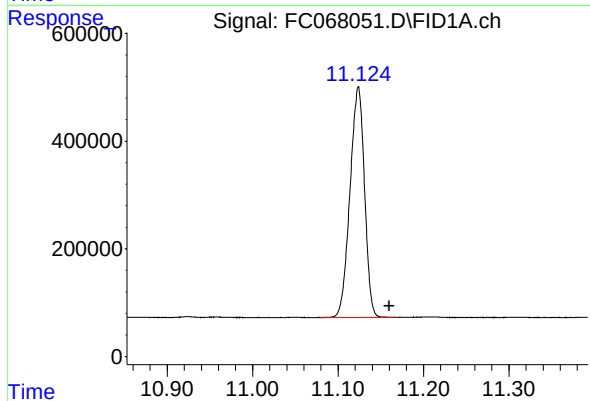
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: -0.035 min
Response: 4903874
Conc: 30.84 ug/ml



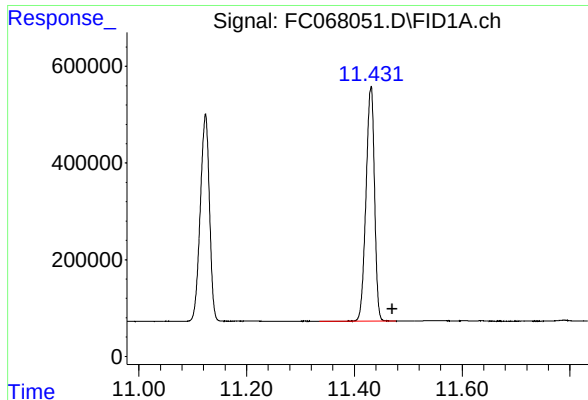
#7 n-Hexadecane (C16)

R.T.: 9.684 min
Delta R.T.: -0.036 min
Response: 5080772
Conc: 31.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.124 min
Delta R.T.: -0.037 min
Response: 5055341
Conc: 31.49 ug/ml



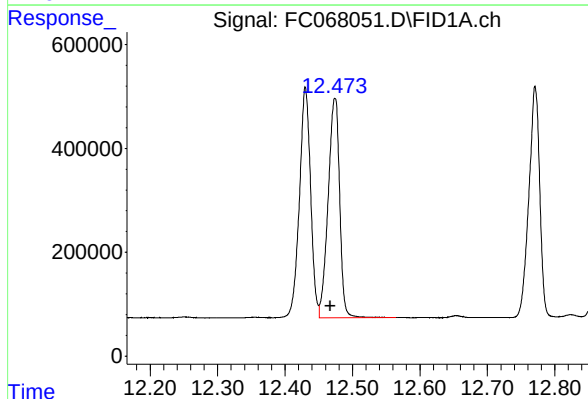
#9 ortho-Terphenyl (SURR)

R.T.: 11.430 min
Delta R.T.: -0.040 min
Response: 5306089
Conc: 30.69 ug/ml

Instrument :
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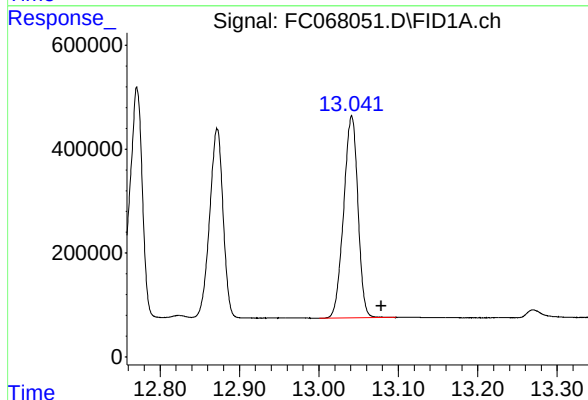
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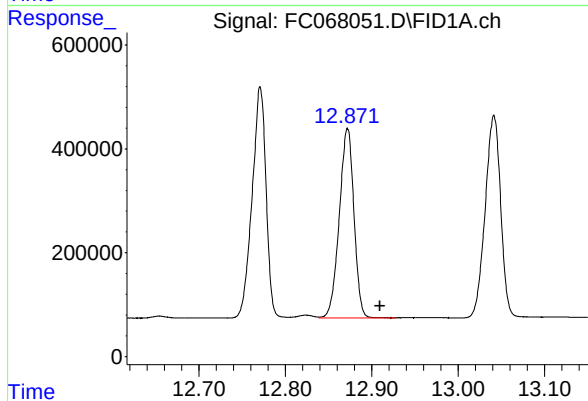
#10 n-Eicosane (C20)

R.T.: 12.474 min
Delta R.T.: 0.007 min
Response: 5020890
Conc: 33.38 ug/ml



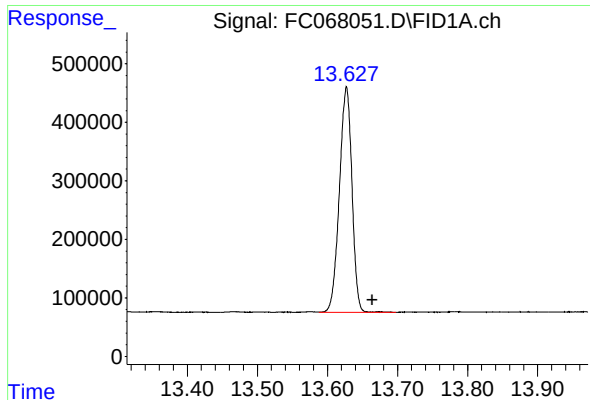
#11 n-Heneicosane (C21)

R.T.: 13.041 min
Delta R.T.: -0.037 min
Response: 4851403
Conc: 33.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.872 min
Delta R.T.: -0.037 min
Response: 4308979
Conc: 33.77 ug/ml



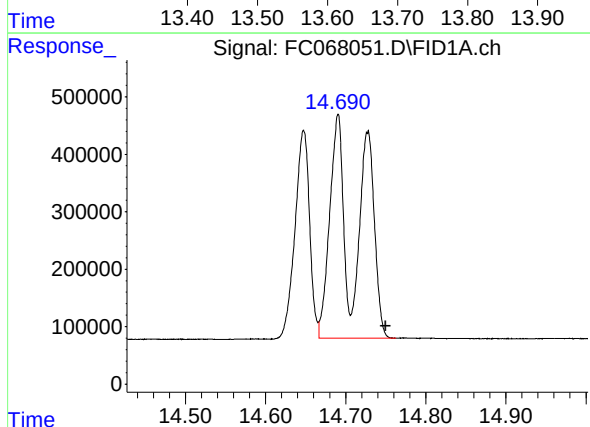
#13 n-Docosane (C22)

R.T.: 13.627 min
Delta R.T.: -0.037 min
Response: 4797381
Conc: 33.51 ug/ml

Instrument :
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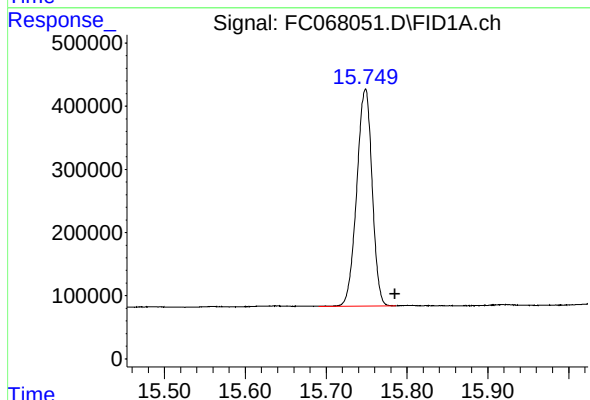
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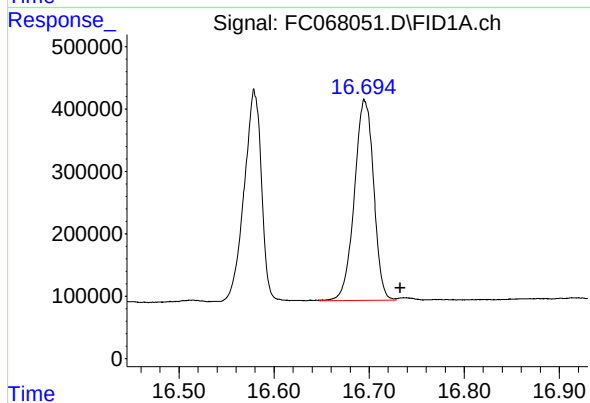
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: -0.060 min
Response: 9204113
Conc: 66.24 ug/ml m



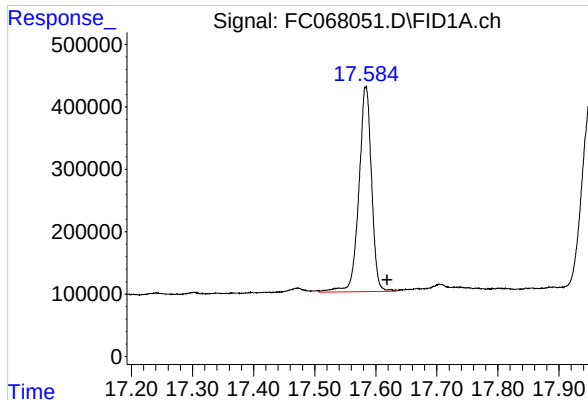
#15 n-Hexacosane (C26)

R.T.: 15.748 min
Delta R.T.: -0.037 min
Response: 4539000
Conc: 33.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.694 min
Delta R.T.: -0.039 min
Response: 4516945
Conc: 34.82 ug/ml m



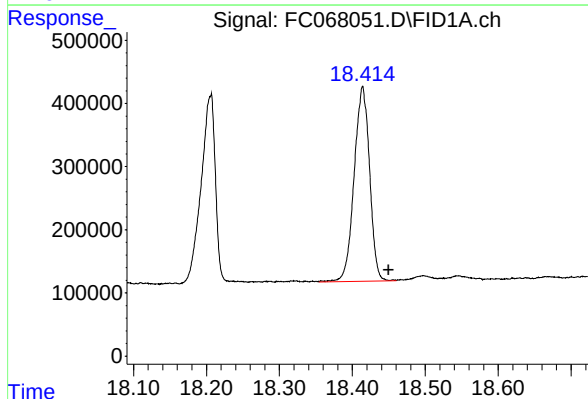
#17 n-Tricontane (C30)

R.T.: 17.584 min
Delta R.T.: -0.035 min
Response: 4735569
Conc: 36.56 ug/ml

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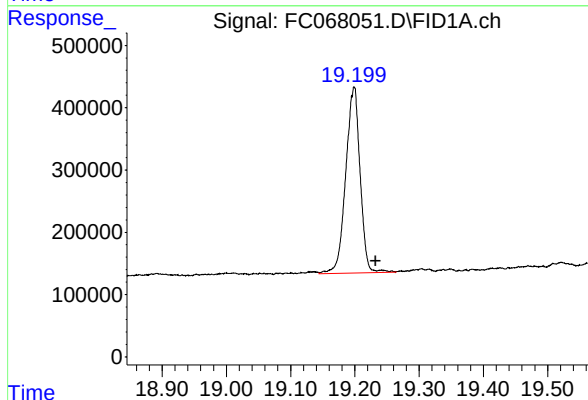
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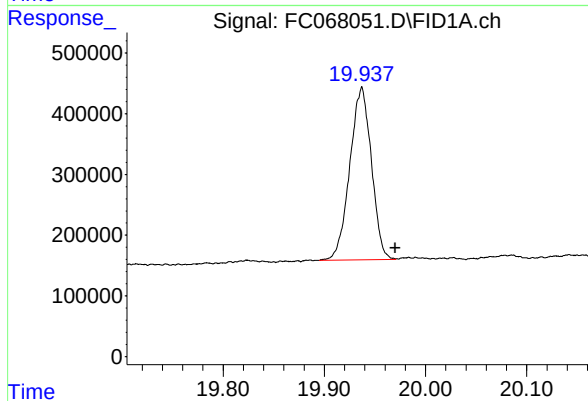
#18 n-Dotriacontane (C32)

R.T.: 18.414 min
Delta R.T.: -0.036 min
Response: 4545695
Conc: 36.69 ug/ml



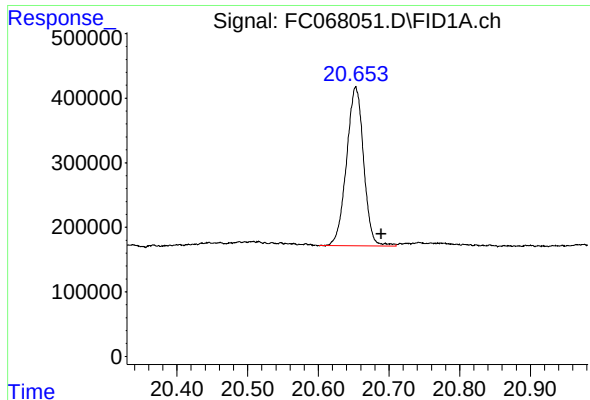
#19 n-Tetratriacontane (C34)

R.T.: 19.198 min
Delta R.T.: -0.034 min
Response: 4646653
Conc: 42.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.937 min
Delta R.T.: -0.033 min
Response: 4219300
Conc: 44.60 ug/ml m



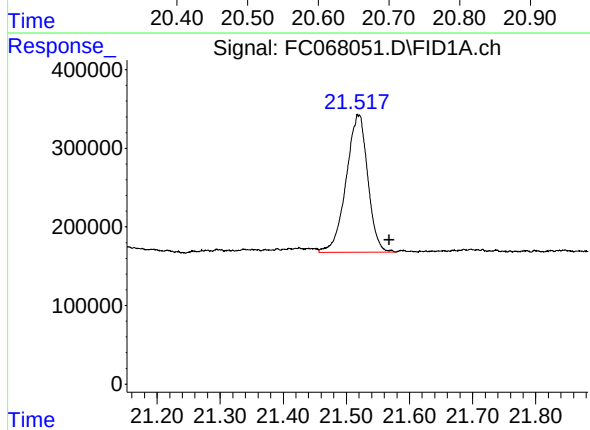
#21 n-Octatriacontane (C38)

R.T.: 20.653 min
Delta R.T.: -0.036 min
Response: 4140138
Conc: 45.77 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.519 min
Delta R.T.: -0.048 min
Response: 4151837
Conc: 47.11 ug/ml