

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111023AL\
 Data File : FC065109.D
 Signal(s) : FID1A.ch
 Acq On : 10 Nov 2023 17:46
 Operator : YP/AJ
 Sample : 05345-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2023
 Supervised By :Ankita Jodhani 11/13/2023

Integration File: autoint1.e
 Quant Time: Nov 11 01:56:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.507	5635125	25.604 ug/ml
Spiked Amount 50.000		Recovery =	51.21%
12) S 1-chlorooctadecane (S...	12.938	4637611	29.336 ug/mlm
Spiked Amount 50.000		Recovery =	58.67%
Target Compounds			
1) T n-Nonane (C9)	3.311	6209988	32.846 ug/ml
2) T n-Decane (C10)	4.369	6992729	36.776 ug/ml
3) T A~Naphthalene (C11.7)	5.947	7992372	41.395 ug/ml
4) T n-Dodecane (C12)	6.378	7510535	38.880 ug/ml
5) T A~2-methylnaphthalene...	7.001	7836954	42.647 ug/ml
6) T n-Tetradecane (C14)	8.168	7916010	41.953 ug/ml
7) T n-Hexadecane (C16)	9.760	8305087	43.937 ug/ml
8) T n-Octadecane (C18)	11.196	8628521	45.719 ug/ml
10) T n-Eicosane (C20)	12.498	8599185	47.831 ug/ml
11) T n-Heneicosane (C21)	13.108	8109524	46.190 ug/ml
13) T n-Docosane (C22)	13.692	7965750	46.374 ug/ml
14) T n-Tetracosane (C24)	14.783	15251580	91.570 ug/ml
15) T n-Hexacosane (C26)	15.807	7343364	45.751 ug/ml
16) T n-Octacosane (C28)	16.751	7244602	46.291 ug/ml
17) T n-Tricontane (C30)	17.635	7016907	44.301 ug/ml
18) T n-Dotriacontane (C32)	18.463	6901739	43.711 ug/ml
19) T n-Tetratriacontane (C34)	19.244	6683098	43.783 ug/ml
20) T n-Hexatriacontane (C36)	19.980	6369259	42.214 ug/mlm
21) T n-Octatriacontane (C38)	20.698	6238987	41.924 ug/ml
22) T n-Tetracontane (C40)	21.574	6156717	41.860 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : 05345-07MS
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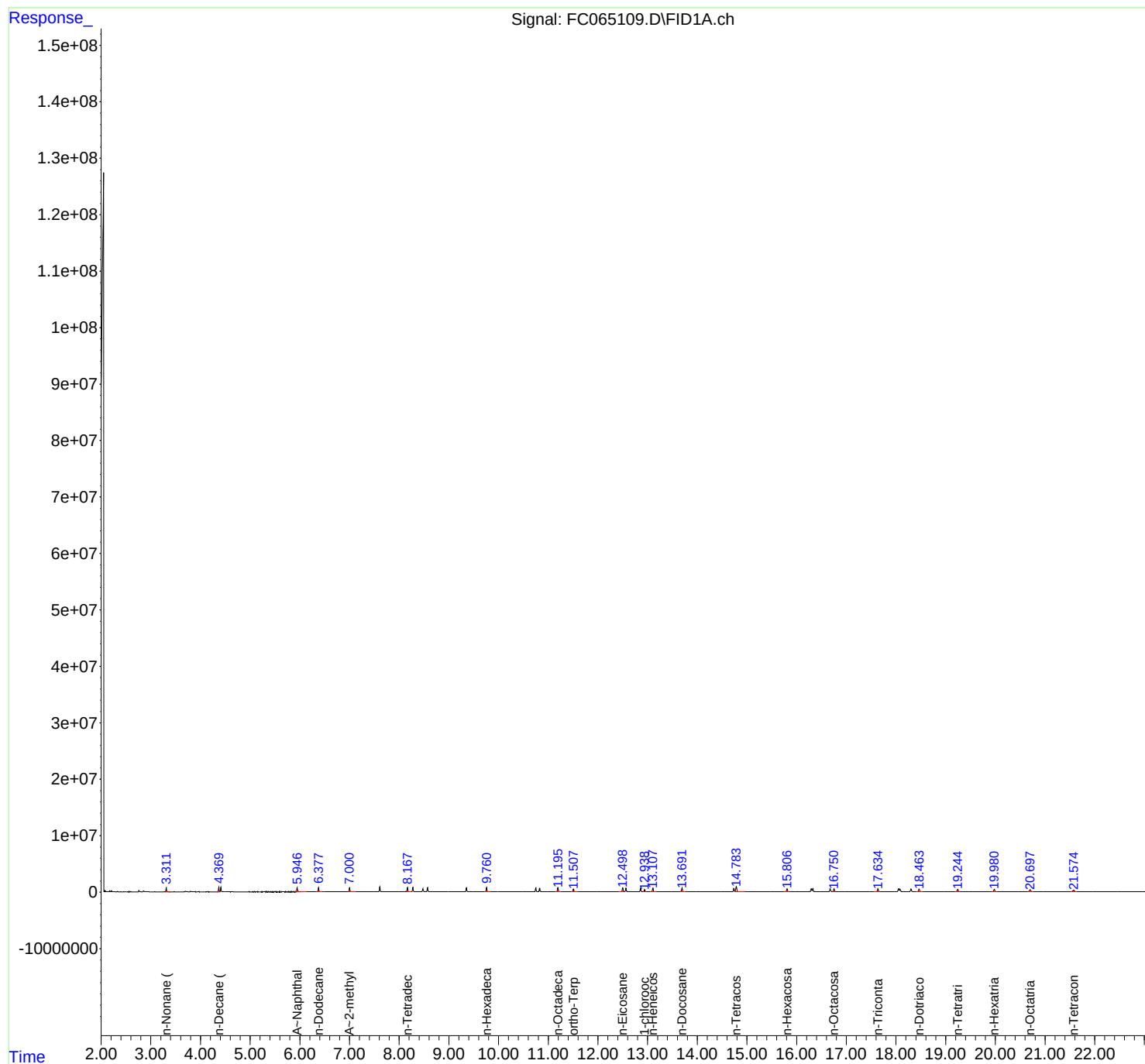
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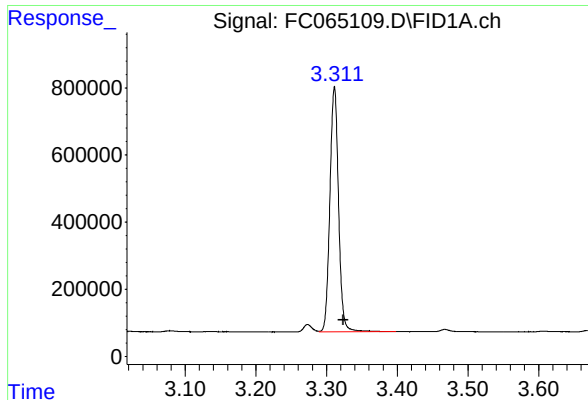
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#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.013 min
Response: 6209988
Conc: 32.85 ug/ml

Instrument :

FID_C

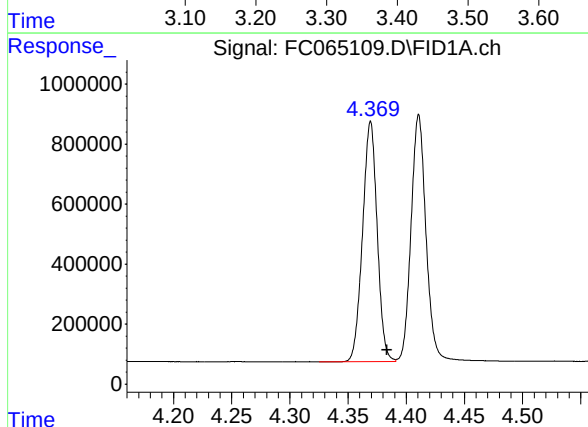
ClientSampleId :

5AMS

Manual Integrations

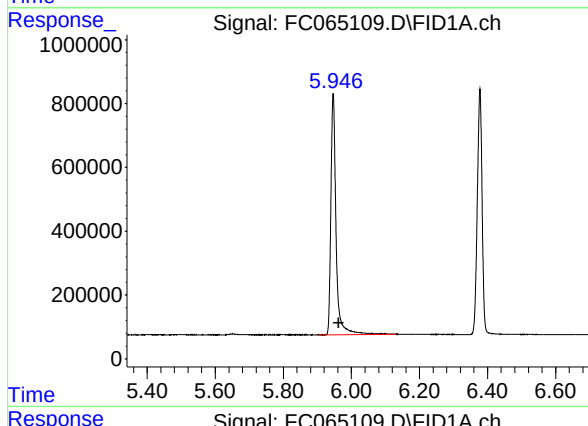
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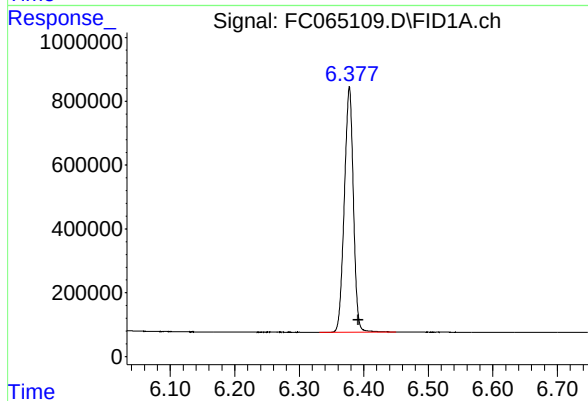
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.014 min
Response: 6992729
Conc: 36.78 ug/ml



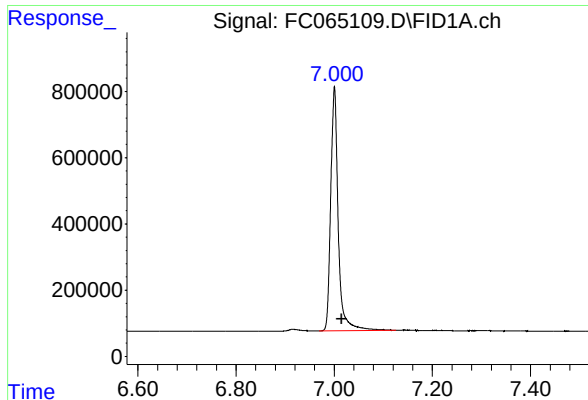
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.016 min
Response: 7992372
Conc: 41.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: -0.014 min
Response: 7510535
Conc: 38.88 ug/ml



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

R.T.: 7.001 min
Delta R.T.: -0.015 min
Response: 7836954
Conc: 42.65 ug/ml

Instrument :

FID_C

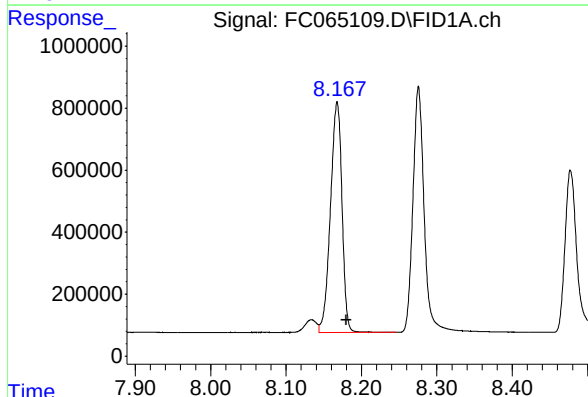
ClientSampleId :

5AMS

Manual Integrations

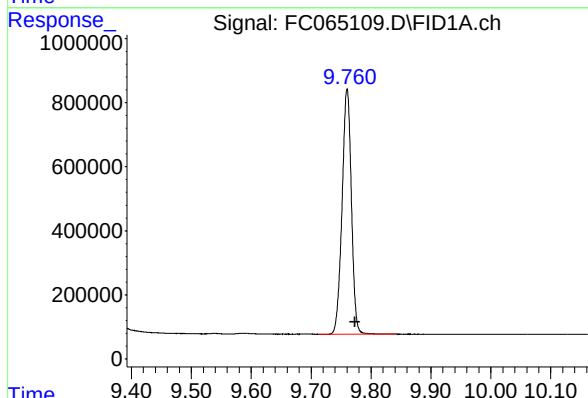
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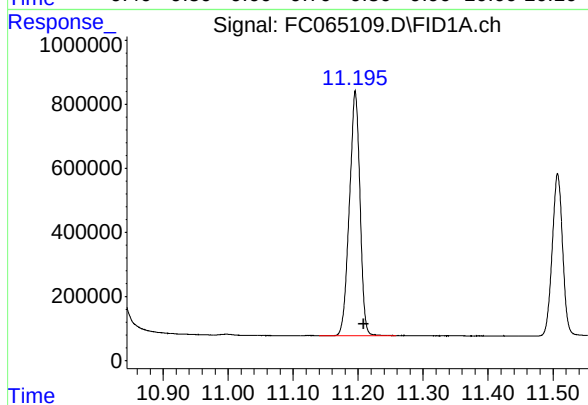
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.012 min
Response: 7916010
Conc: 41.95 ug/ml



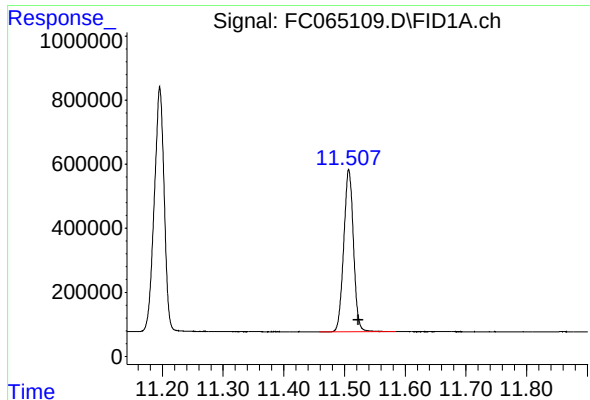
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.013 min
Response: 8305087
Conc: 43.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: -0.013 min
Response: 8628521
Conc: 45.72 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: -0.016 min
Response: 5635125
Conc: 25.60 ug/ml

Instrument :

FID_C

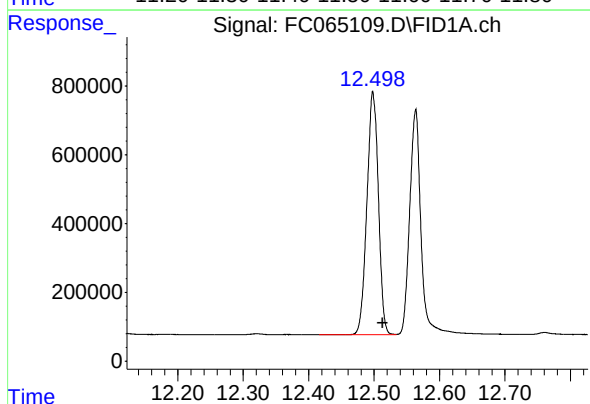
ClientSampleId :

5AMS

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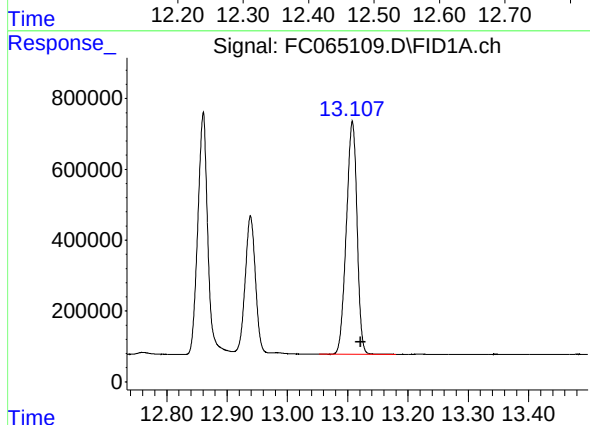
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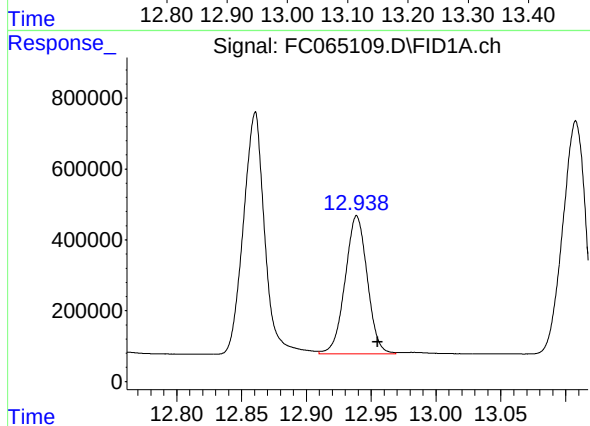
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.015 min
Response: 8599185
Conc: 47.83 ug/ml



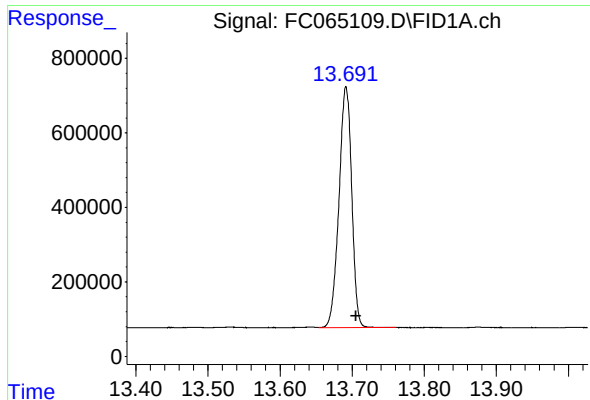
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.014 min
Response: 8109524
Conc: 46.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: -0.017 min
Response: 4637611
Conc: 29.34 ug/ml m



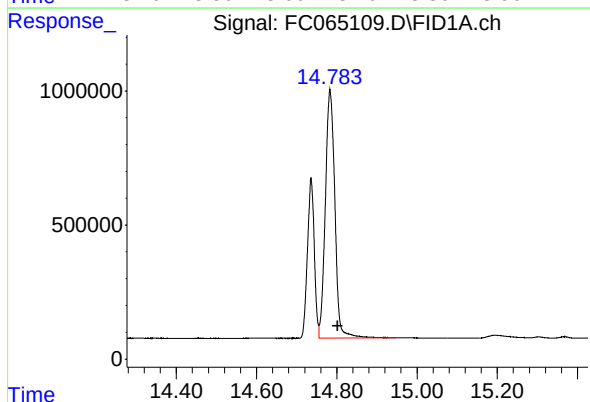
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: -0.014 min
Response: 7965750
Conc: 46.37 ug/ml

Instrument :
FID_C
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SAMS

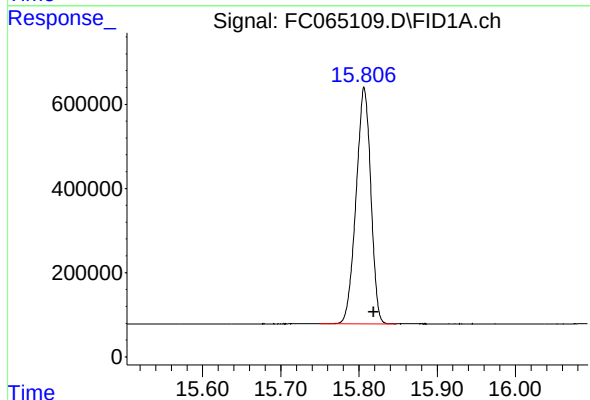
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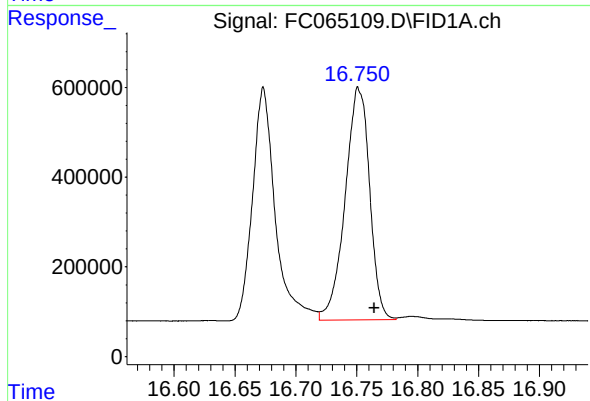
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.019 min
Response: 15251580
Conc: 91.57 ug/ml



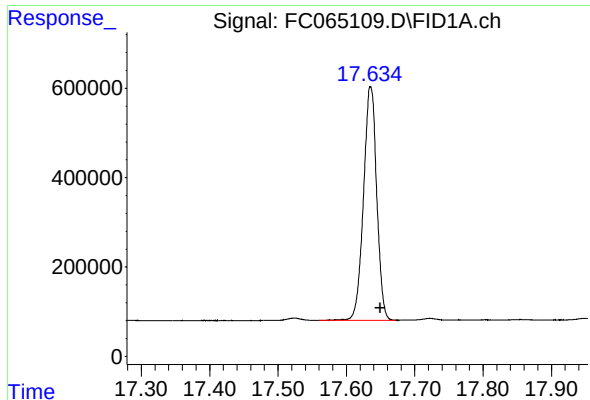
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.012 min
Response: 7343364
Conc: 45.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.013 min
Response: 7244602
Conc: 46.29 ug/ml



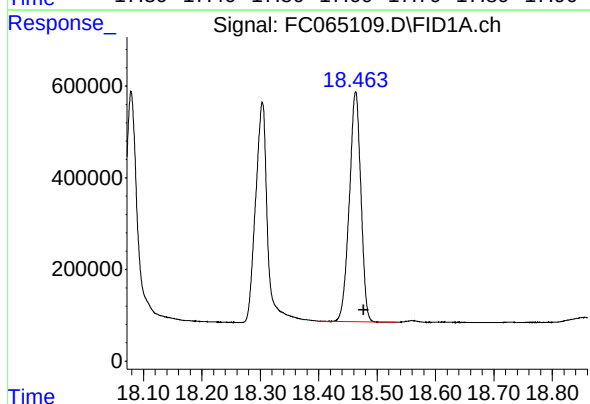
#17 n-Tricontane (C30)

R.T.: 17.635 min
Delta R.T.: -0.014 min
Response: 7016907
Conc: 44.30 ug/ml

Instrument :
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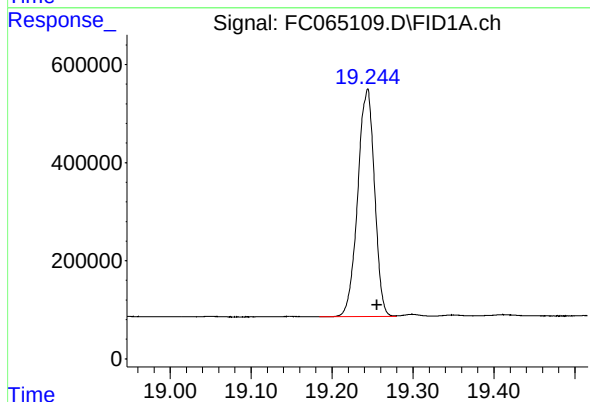
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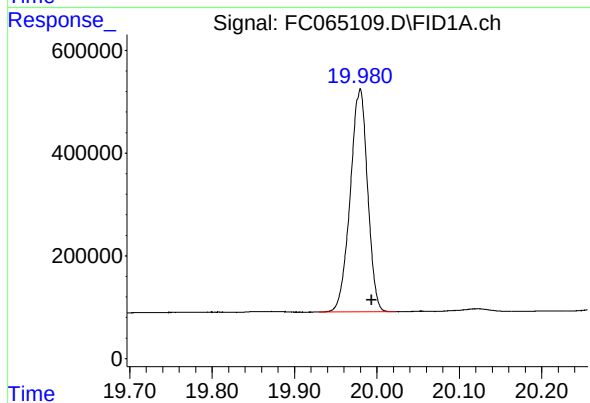
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.013 min
Response: 6901739
Conc: 43.71 ug/ml



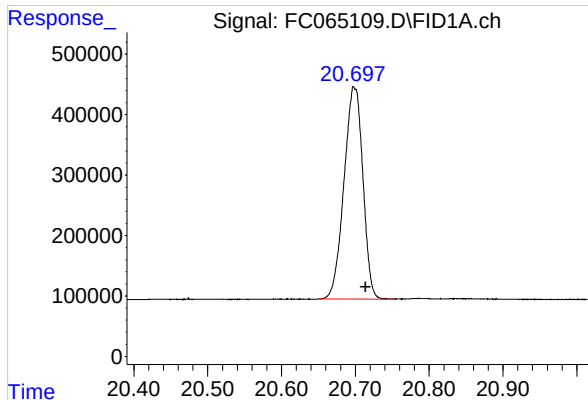
#19 n-Tetatriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.012 min
Response: 6683098
Conc: 43.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.014 min
Response: 6369259
Conc: 42.21 ug/ml m



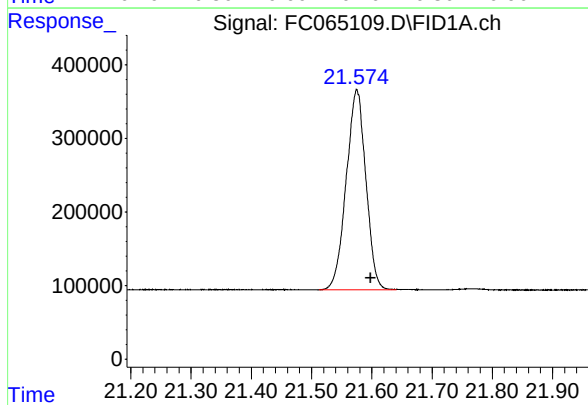
#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.016 min
Response: 6238987
Conc: 41.92 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.574 min
Delta R.T.: -0.023 min
Response: 6156717
Conc: 41.86 ug/ml m