

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022124AL\
 Data File : FC065809.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2024 19:18
 Operator : YP/AJ
 Sample : P1537-11MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 11MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2024
 Supervised By :Ankita Jodhani 02/22/2024

Integration File: autoint1.e
 Quant Time: Feb 22 03:34:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.499	6518037	37.999 ug/ml
Spiked Amount 50.000		Recovery =	76.00%
12) S 1-chlorooctadecane (S...	12.930	5278699	41.945 ug/ml
Spiked Amount 50.000		Recovery =	83.89%
Target Compounds			
1) T n-Nonane (C9)	3.293	5992629	39.888 ug/ml
2) T n-Decane (C10)	4.355	6706180	44.107 ug/ml
3) T A~Naphthalene (C11.7)	5.937	8062341	52.281 ug/ml
4) T n-Dodecane (C12)	6.366	7262671	47.453 ug/ml
5) T A~2-methylnaphthalene...	6.992	8012732	56.270 ug/ml
6) T n-Tetradecane (C14)	8.157	7764998	52.302 ug/ml
7) T n-Hexadecane (C16)	9.751	8240652	54.950 ug/ml
8) T n-Octadecane (C18)	11.186	8656909	56.122 ug/ml
10) T n-Eicosane (C20)	12.490	8670026	57.654 ug/ml
11) T n-Heneicosane (C21)	13.097	8430486	56.370 ug/ml
13) T n-Docosane (C22)	13.681	8367686	56.413 ug/ml
14) T n-Tetracosane (C24)	14.778	18481472	124.300 ug/ml
15) T n-Hexacosane (C26)	15.796	8318165	56.132 ug/ml
16) T n-Octacosane (C28)	16.740	8685421	59.193 ug/ml
17) T n-Tricontane (C30)	17.627	8630218	57.490 ug/ml
18) T n-Dotriacontane (C32)	18.451	8467400	57.256 ug/mlm
19) T n-Tetratriacontane (C34)	19.231	8104892	55.918 ug/mlm
20) T n-Hexatriacontane (C36)	19.966	7499967	52.837 ug/mlm
21) T n-Octatriacontane (C38)	20.684	7347738	51.909 ug/mlm
22) T n-Tetracontane (C40)	21.557	7053643	50.568 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P1537-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

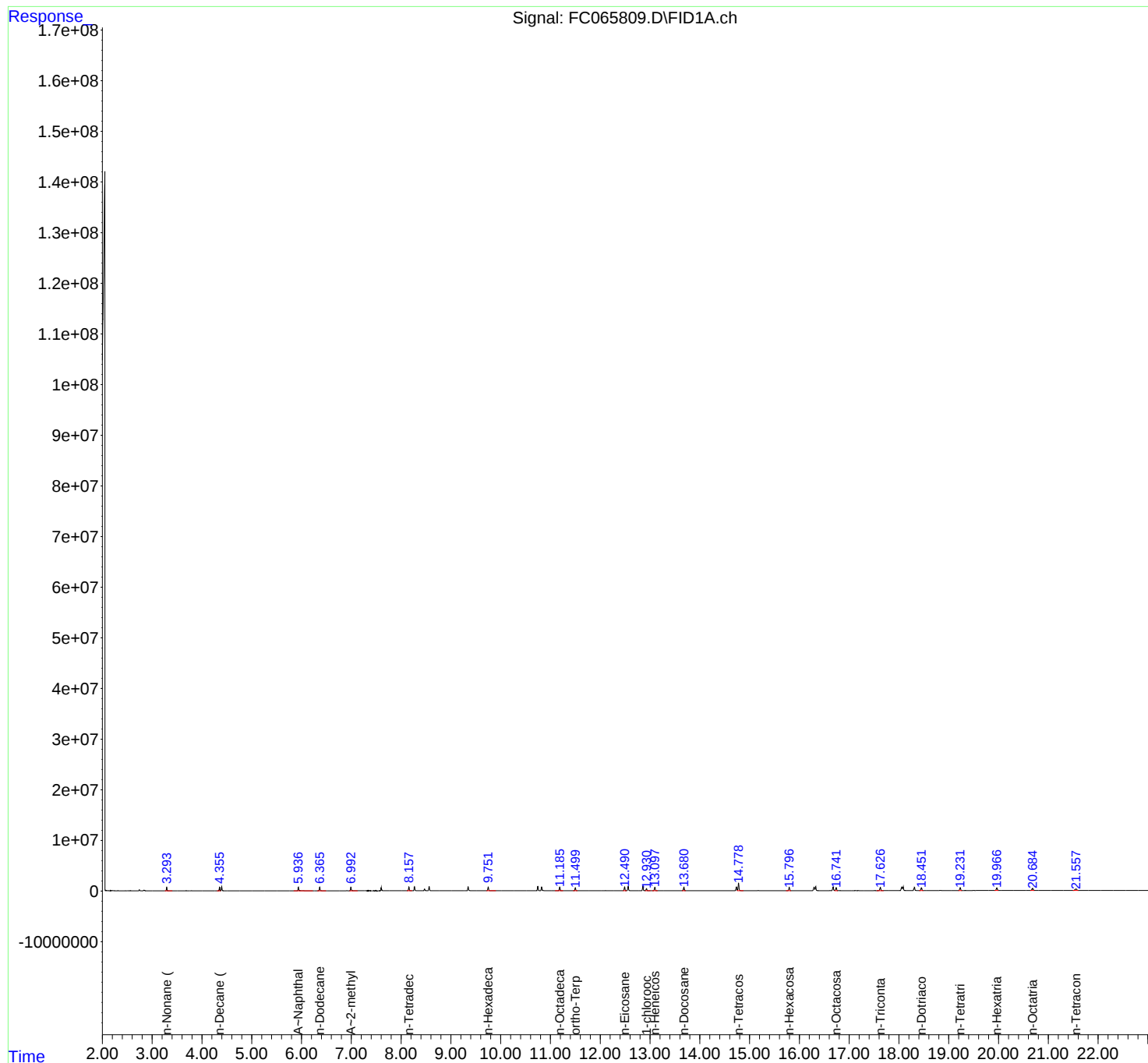
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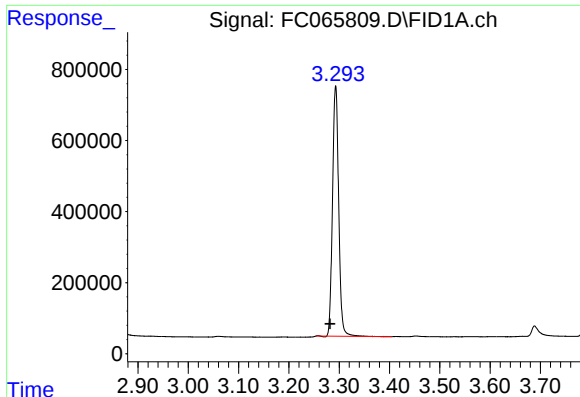
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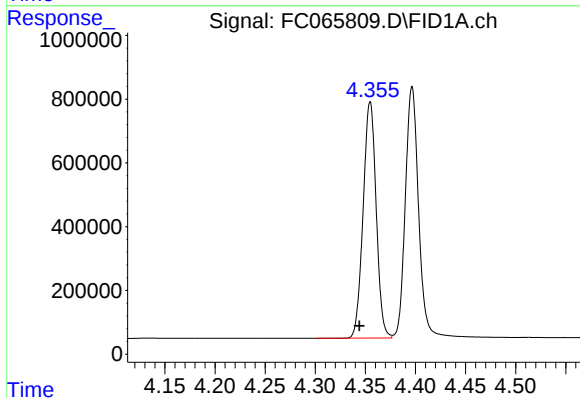
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: 0.011 min
Response: 5992629
Conc: 39.89 ug/ml

Instrument :
FID_C
ClientSampleId :
11MS

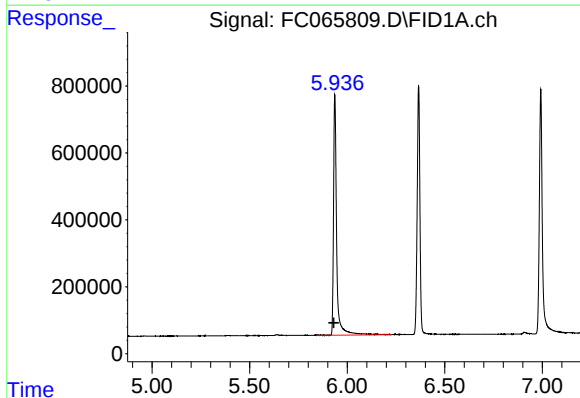
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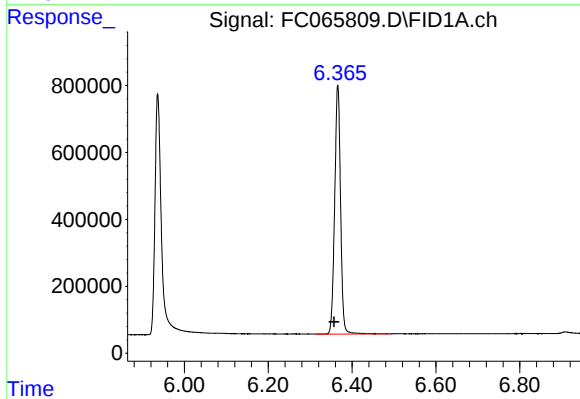
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.011 min
Response: 6706180
Conc: 44.11 ug/ml



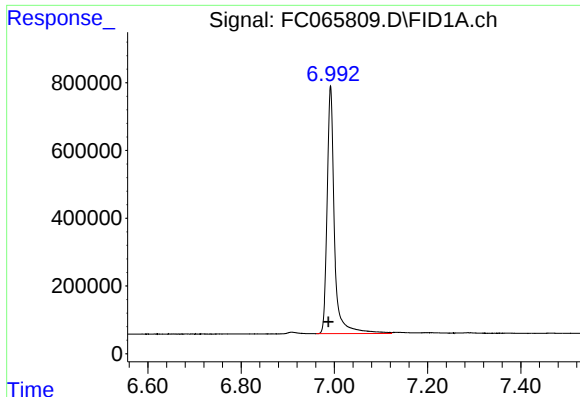
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: 0.005 min
Response: 8062341
Conc: 52.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.009 min
Response: 7262671
Conc: 47.45 ug/ml



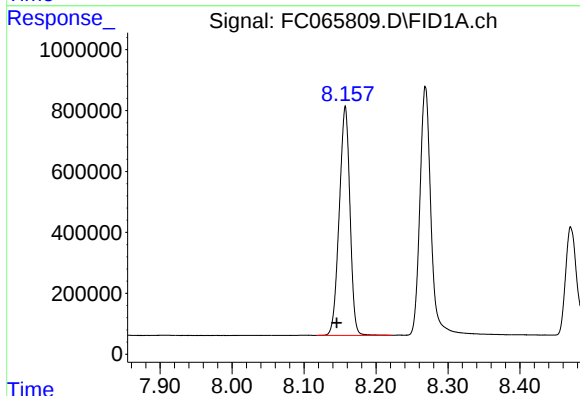
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: 0.005 min
Response: 8012732
Conc: 56.27 ug/ml

Instrument :
FID_C
ClientSampleId :
11MS

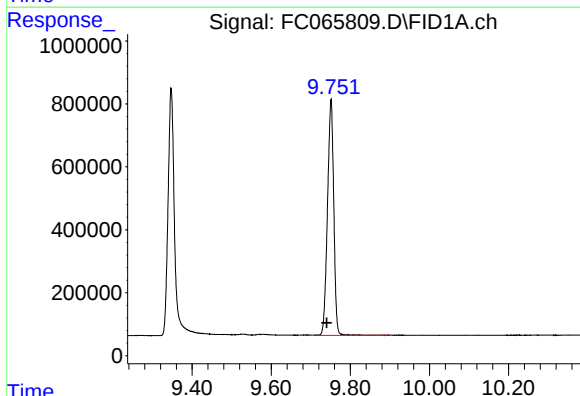
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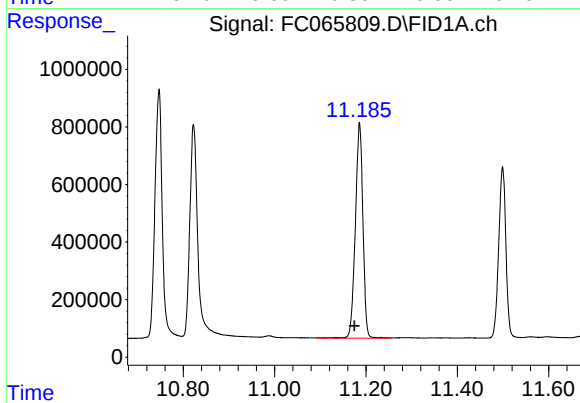
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.012 min
Response: 7764998
Conc: 52.30 ug/ml



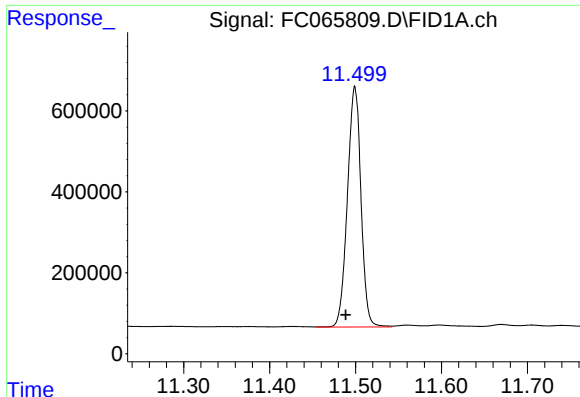
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.011 min
Response: 8240652
Conc: 54.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.011 min
Response: 8656909
Conc: 56.12 ug/ml



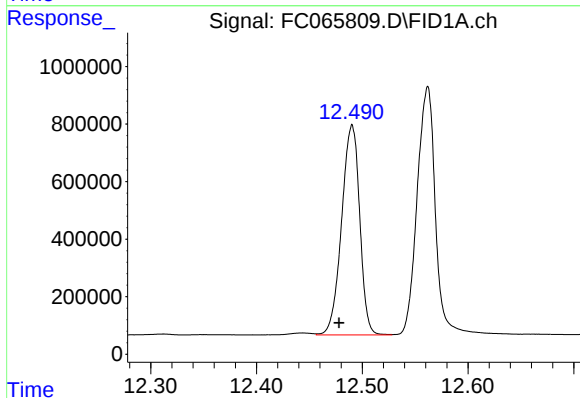
#9 ortho-Terphenyl (SURR)

R.T.: 11.499 min
Delta R.T.: 0.010 min
Response: 6518037
Conc: 38.00 ug/ml

Instrument :
FID_C
ClientSampleId :
11MS

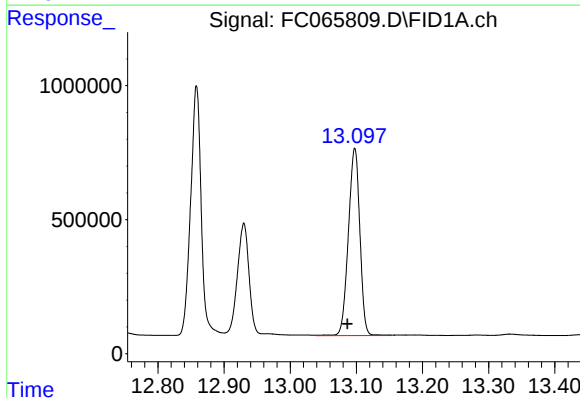
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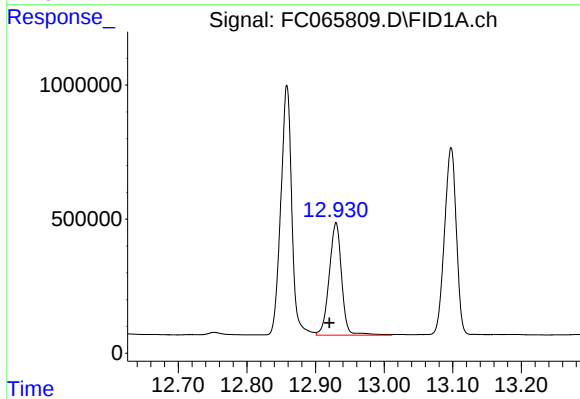
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: 0.012 min
Response: 8670026
Conc: 57.65 ug/ml



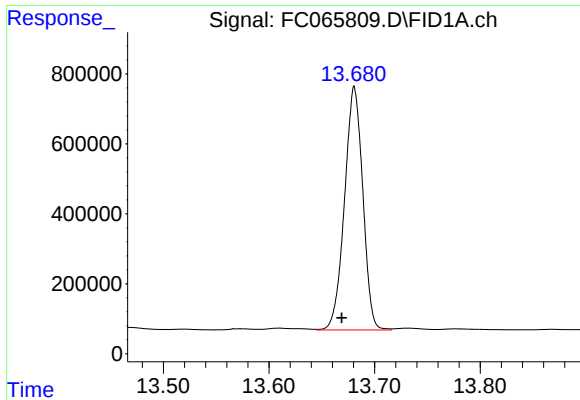
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: 0.011 min
Response: 8430486
Conc: 56.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: 0.010 min
Response: 5278699
Conc: 41.94 ug/ml



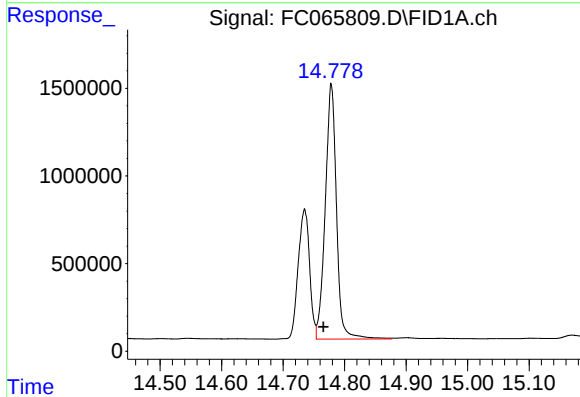
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: 0.012 min
Response: 8367686
Conc: 56.41 ug/ml

Instrument :
FID_C
ClientSampleId :
11MS

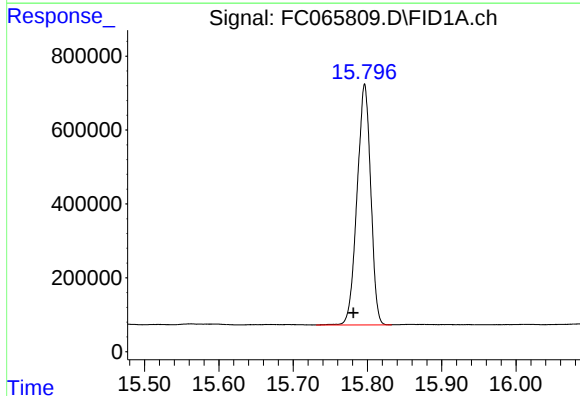
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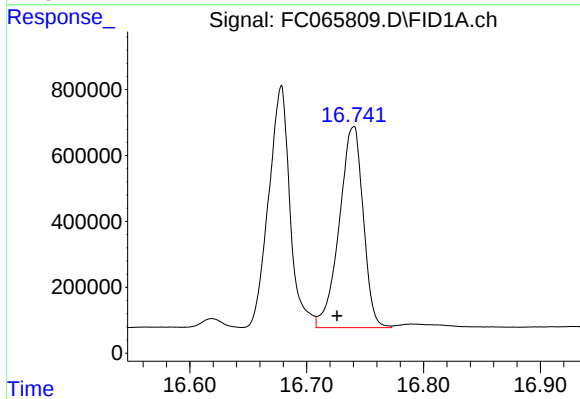
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: 0.013 min
Response: 18481472
Conc: 124.30 ug/ml



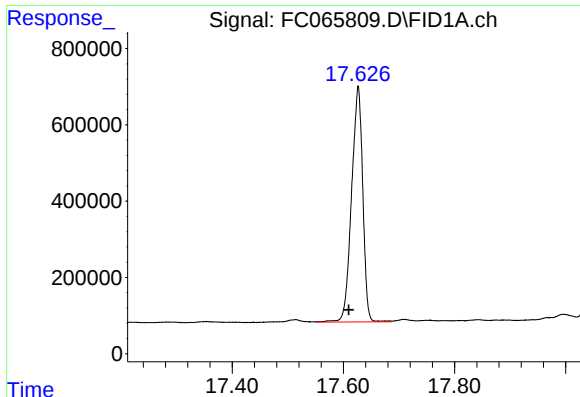
#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: 0.015 min
Response: 8318165
Conc: 56.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: 0.014 min
Response: 8685421
Conc: 59.19 ug/ml



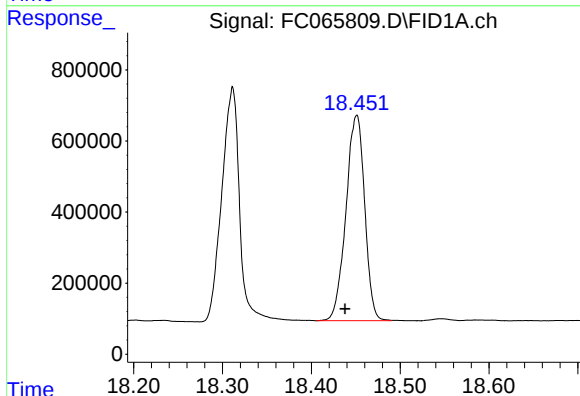
#17 n-Tricontane (C30)

R.T.: 17.627 min
Delta R.T.: 0.017 min
Response: 8630218
Conc: 57.49 ug/ml

Instrument :
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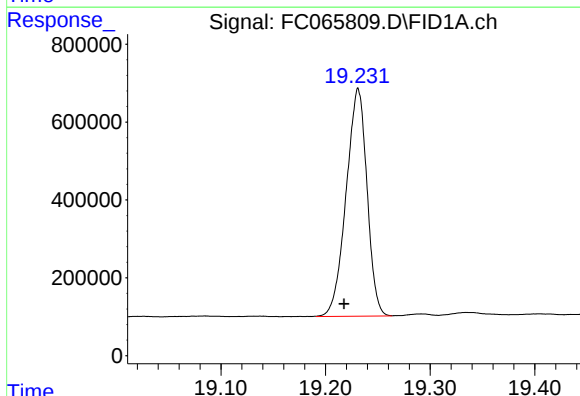
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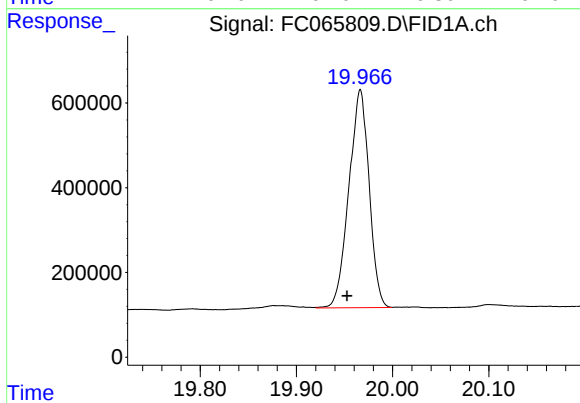
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: 0.013 min
Response: 8467400
Conc: 57.26 ug/ml m



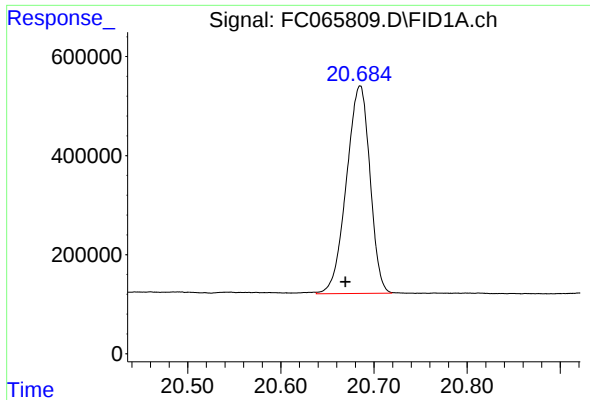
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: 0.013 min
Response: 8104892
Conc: 55.92 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.966 min
Delta R.T.: 0.013 min
Response: 7499967
Conc: 52.84 ug/ml m



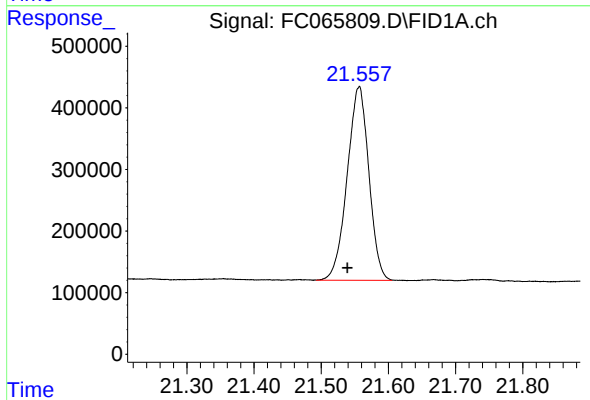
#21 n-Octatriacontane (C38)

R.T.: 20.684 min
Delta R.T.: 0.015 min
Response: 7347738
Conc: 51.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.557 min
Delta R.T.: 0.018 min
Response: 7053643
Conc: 50.57 ug/ml m