

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011224AL\
 Data File : FE046204.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jan 2024 23:12
 Operator : YP\AJ
 Sample : P1119-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-JMS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
 Supervised By :Sohil Jodhani 01/16/2024

Integration File: autoint1.e
 Quant Time: Jan 13 04:39:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.832	5443508	29.955 ug/ml
Spiked Amount 50.000		Recovery =	59.91%
12) S 1-chlorooctadecane (S...	13.274	4438953	33.223 ug/ml
Spiked Amount 50.000		Recovery =	66.45%
Target Compounds			
1) T n-Nonane (C9)	3.221	4261375	27.844 ug/ml
2) T n-Decane (C10)	4.470	4830901	31.128 ug/ml
3) T A~Naphthalene (C11.7)	6.171	5871211	35.304 ug/ml
4) T n-Dodecane (C12)	6.635	5463778	34.994 ug/ml
5) T A~2-methylnaphthalene...	7.267	6013167	37.768 ug/ml
6) T n-Tetradecane (C14)	8.464	5974165	38.352 ug/ml
7) T n-Hexadecane (C16)	10.072	6398095	40.403 ug/ml
8) T n-Octadecane (C18)	11.519	6621521	42.070 ug/ml
10) T n-Eicosane (C20)	12.831	6619103	43.755 ug/ml
11) T n-Heneicosane (C21)	13.443	6325076	43.013 ug/ml
13) T n-Docosane (C22)	14.030	6228979	42.614 ug/ml
14) T n-Tetracosane (C24)	15.134	13409611	92.459 ug/ml
15) T n-Hexacosane (C26)	16.160	5876082	40.986 ug/ml
16) T n-Octacosane (C28)	17.111	6976500	48.644 ug/mlm
17) T n-Tricontane (C30)	18.005	5698356	38.337 ug/ml
18) T n-Dotriacontane (C32)	18.836	5890818	39.387 ug/mlm
19) T n-Tetratriacontane (C34)	19.623	5736354	40.043 ug/ml
20) T n-Hexatriacontane (C36)	20.368	5595044	38.375 ug/ml
21) T n-Octatriacontane (C38)	21.102	5964553	40.449 ug/ml
22) T n-Tetracontane (C40)	21.999	6271775	40.069 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 26 Sample Multiplier: 1

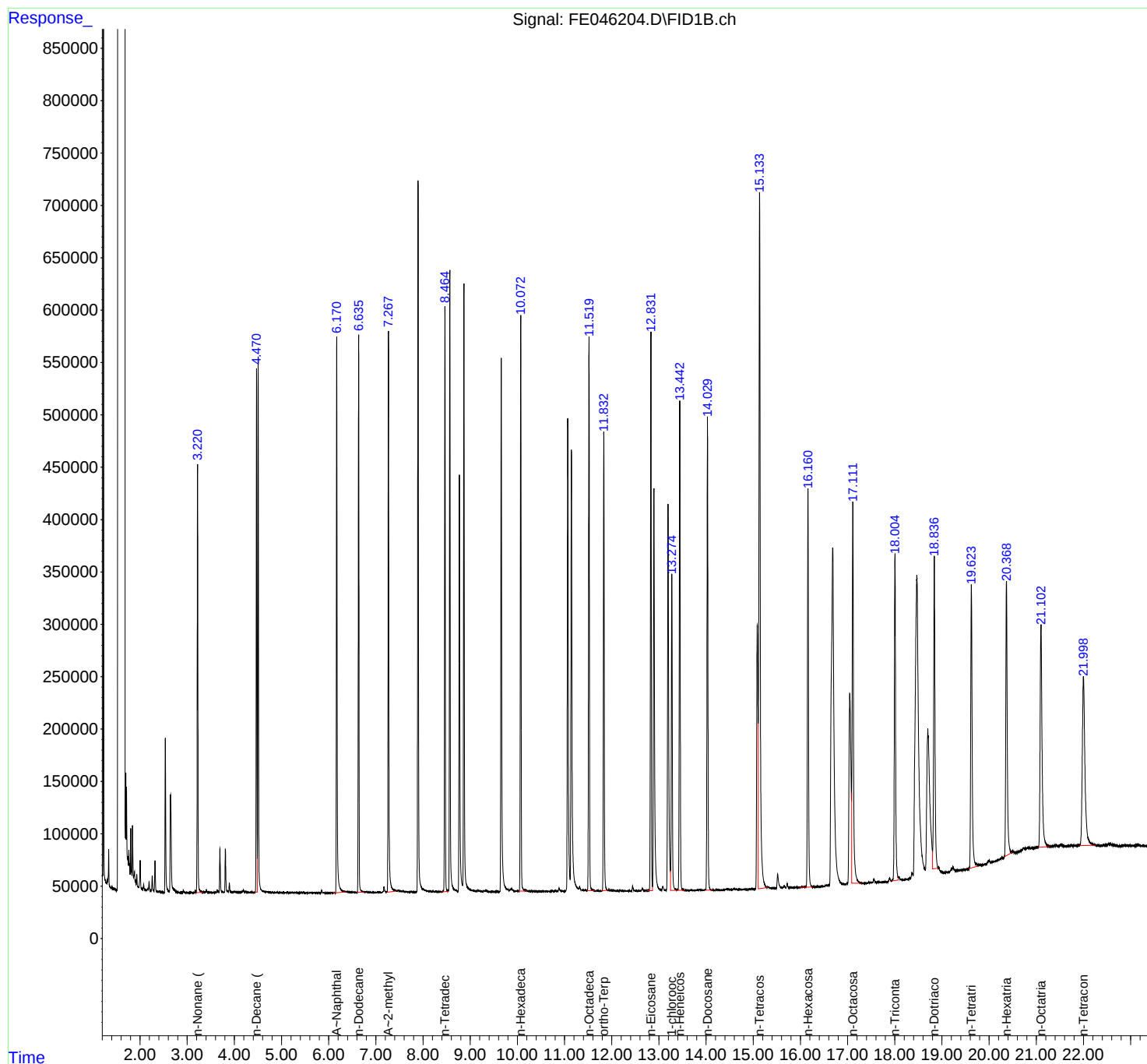
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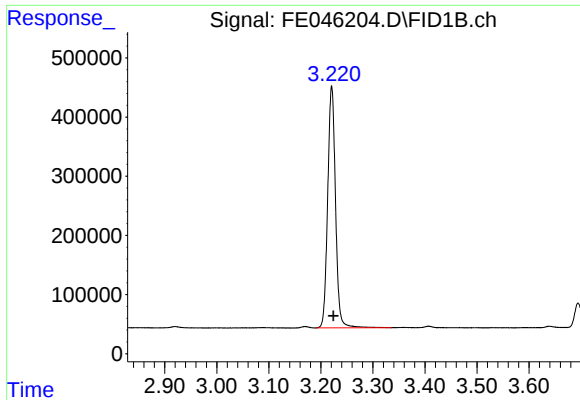
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#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.003 min
Response: 4261375
Conc: 27.84 ug/ml

Instrument :

FID_E

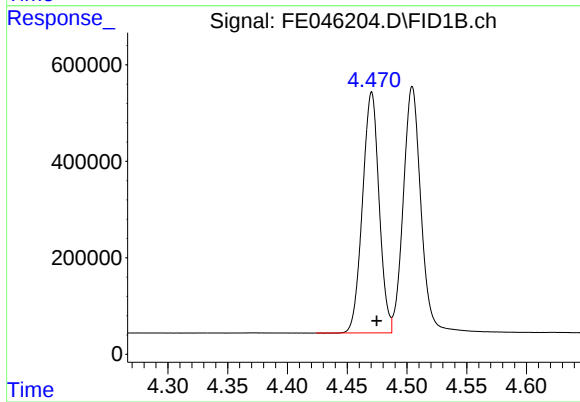
ClientSampleId :

MH-JMS

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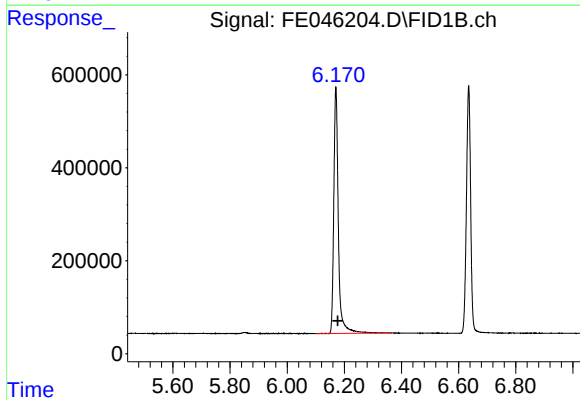
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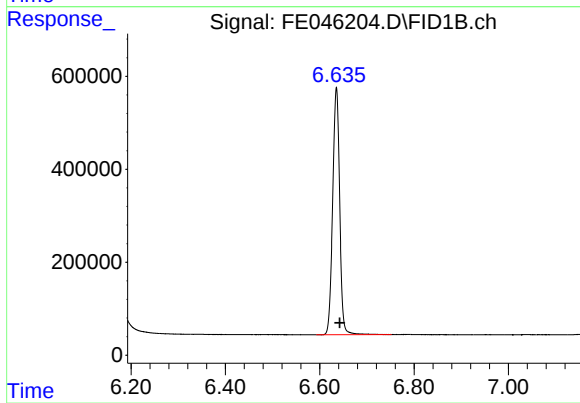
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.004 min
Response: 4830901
Conc: 31.13 ug/ml



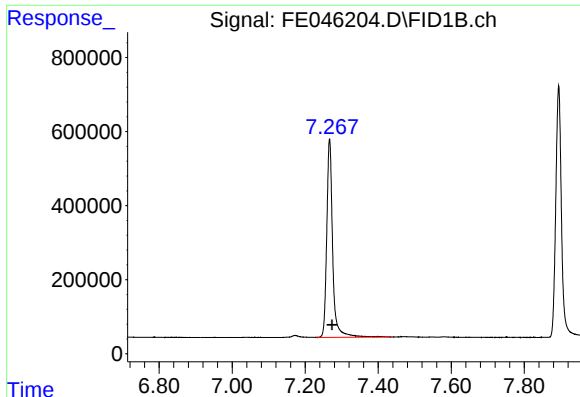
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.007 min
Response: 5871211
Conc: 35.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 5463778
Conc: 34.99 ug/ml



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

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 6013167
Conc: 37.77 ug/ml

Instrument :

FID_E

ClientSampleId :

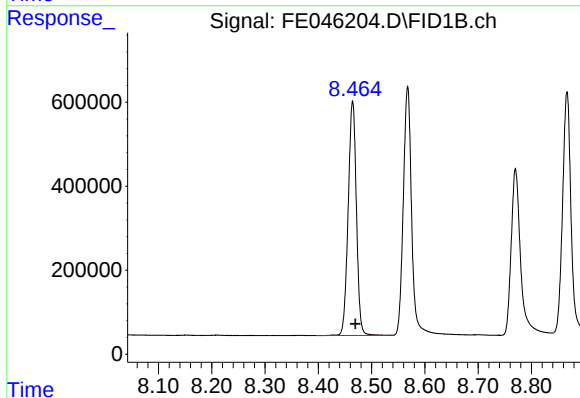
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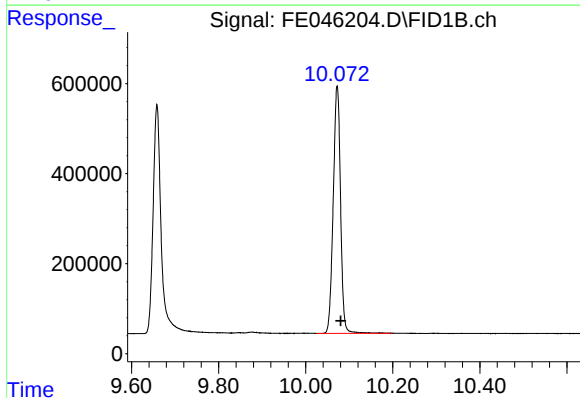
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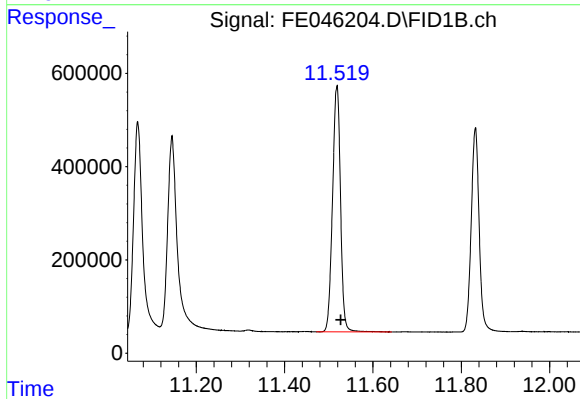
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 5974165
Conc: 38.35 ug/ml



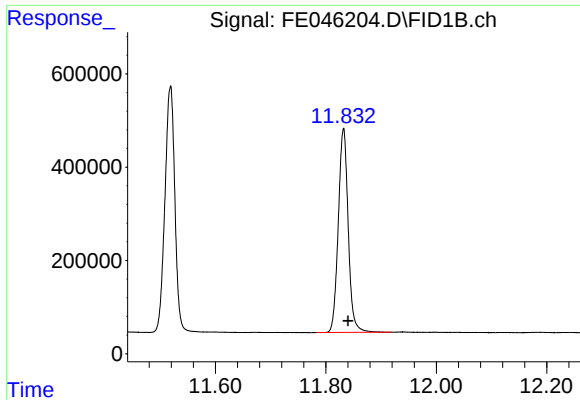
#7 n-Hexadecane (C16)

R.T.: 10.072 min
Delta R.T.: -0.008 min
Response: 6398095
Conc: 40.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.519 min
Delta R.T.: -0.008 min
Response: 6621521
Conc: 42.07 ug/ml



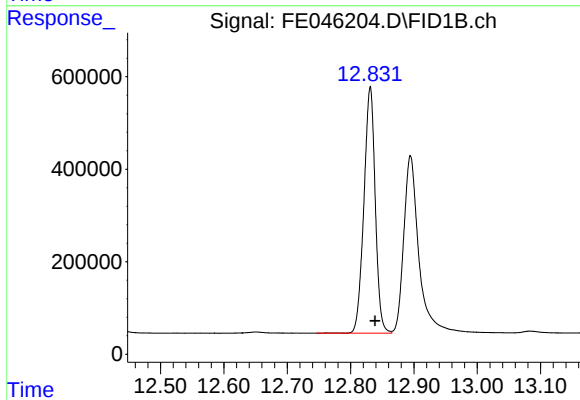
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.008 min
Response: 5443508
Conc: 29.95 ug/ml

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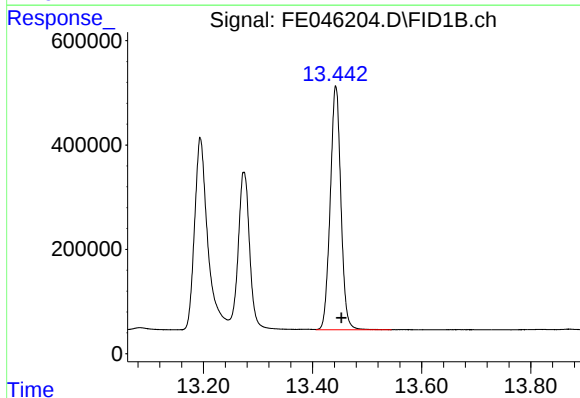
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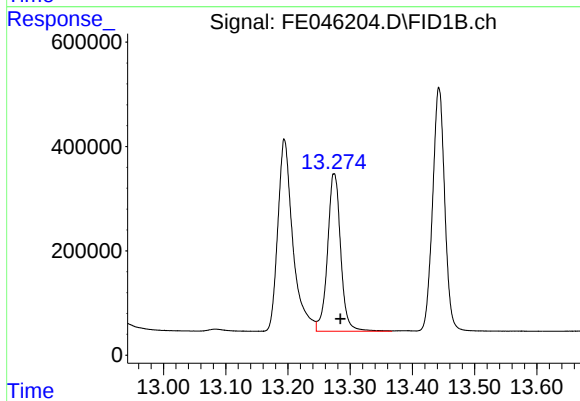
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.008 min
Response: 6619103
Conc: 43.75 ug/ml



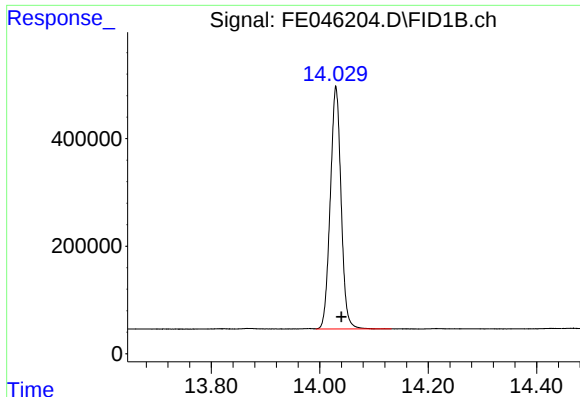
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.010 min
Response: 6325076
Conc: 43.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.010 min
Response: 4438953
Conc: 33.22 ug/ml



#13 n-Docosane (C22)

R.T.: 14.030 min
Delta R.T.: -0.010 min
Response: 6228979
Conc: 42.61 ug/ml

Instrument :

FID_E

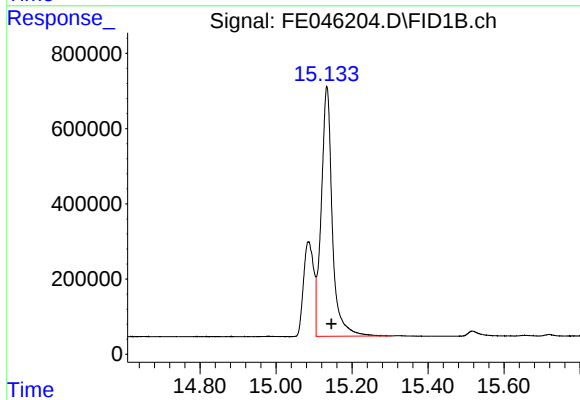
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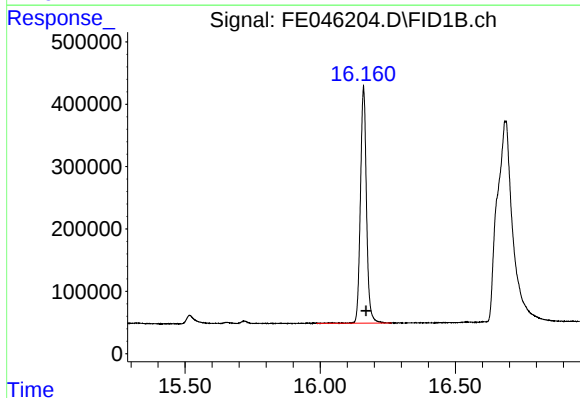
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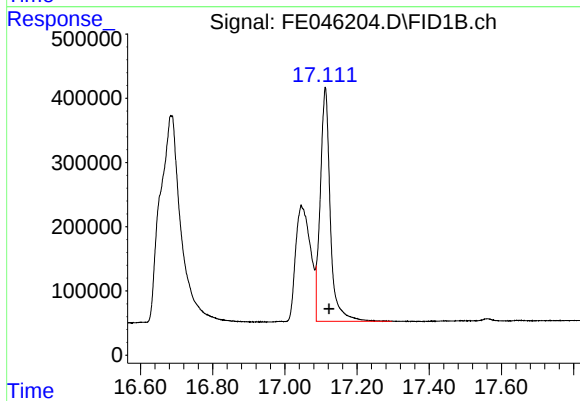
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.012 min
Response: 13409611
Conc: 92.46 ug/ml



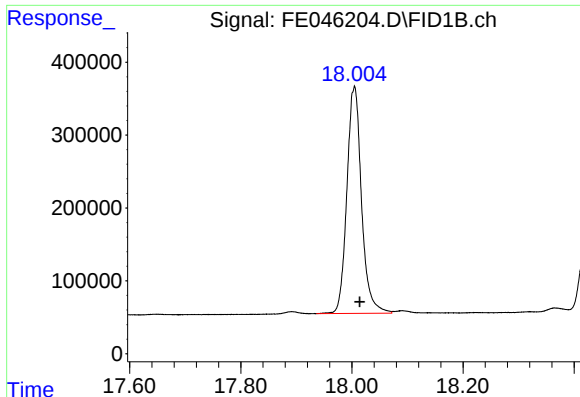
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.010 min
Response: 5876082
Conc: 40.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.011 min
Response: 6976500
Conc: 48.64 ug/ml m



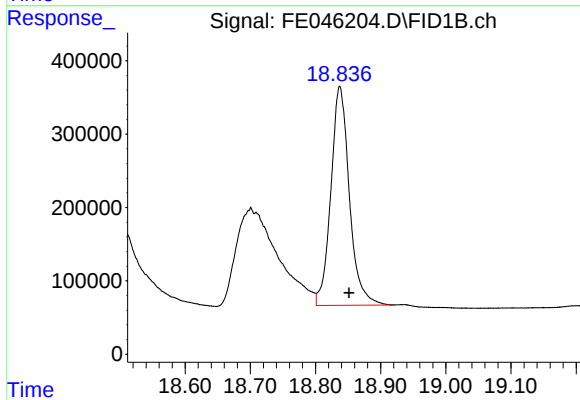
#17 n-Tricontane (C30)

R.T.: 18.005 min
Delta R.T.: -0.009 min
Response: 5698356
Conc: 38.34 ug/ml

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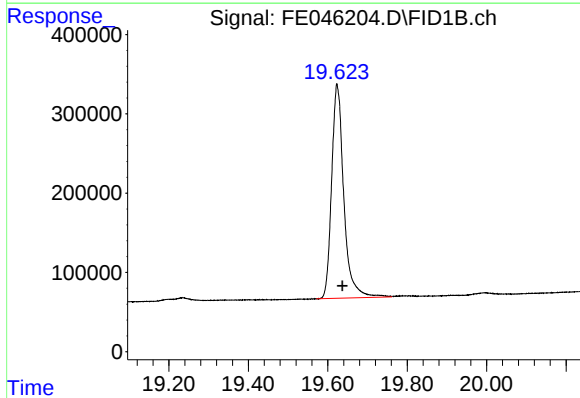
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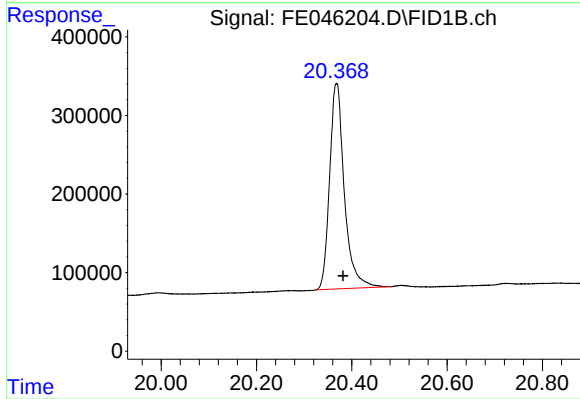
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.015 min
Response: 5890818
Conc: 39.39 ug/ml m



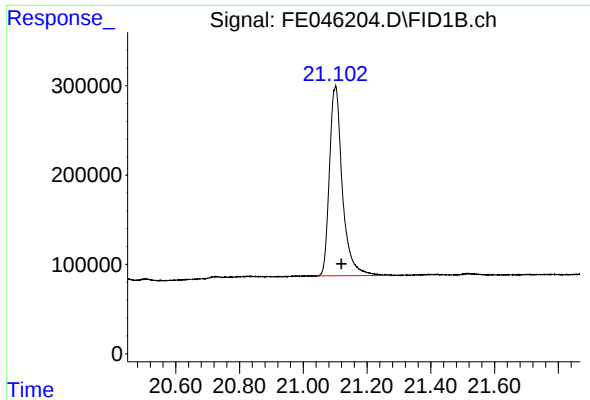
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.013 min
Response: 5736354
Conc: 40.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: -0.014 min
Response: 5595044
Conc: 38.37 ug/ml



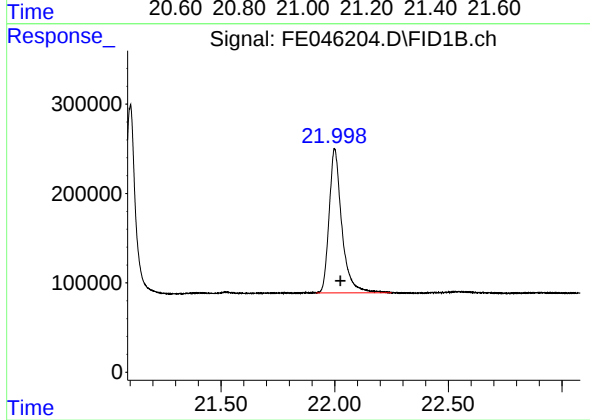
#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.018 min
Response: 5964553
Conc: 40.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: -0.026 min
Response: 6271775
Conc: 40.07 ug/ml