

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011524AL\
 Data File : FE046233.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jan 2024 19:32
 Operator : YP\AJ
 Sample : P1135-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 360MSD

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Jan 16 02:36:15 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)	11.828	5362056	29.506 ug/ml
Spiked Amount 50.000		Recovery =	59.01%
12) S 1-chlorooctadecane (S...	13.271	4368897	32.699 ug/ml
Spiked Amount 50.000		Recovery =	65.40%
Target Compounds			
1) T n-Nonane (C9)	3.219	4659894	30.448 ug/ml
2) T n-Decane (C10)	4.468	5106614	32.904 ug/ml
3) T A~Naphthalene (C11.7)	6.169	6629756	39.865 ug/ml
4) T n-Dodecane (C12)	6.633	5535101	35.450 ug/ml
5) T A~2-methylnaphthalene...	7.264	6233747	39.154 ug/ml
6) T n-Tetradecane (C14)	8.461	5816108	37.337 ug/ml
7) T n-Hexadecane (C16)	10.069	6220352	39.281 ug/ml
8) T n-Octadecane (C18)	11.514	6595957	41.908 ug/ml
10) T n-Eicosane (C20)	12.826	6775222	44.787 ug/ml
11) T n-Heneicosane (C21)	13.438	6512027	44.284 ug/ml
13) T n-Docosane (C22)	14.026	6422891	43.941 ug/ml
14) T n-Tetracosane (C24)	15.129	14250188	98.255 ug/ml
15) T n-Hexacosane (C26)	16.156	6078885	42.401 ug/ml
16) T n-Octacosane (C28)	17.106	7653978	53.368 ug/mlm
17) T n-Tricontane (C30)	17.999	5951233	40.039 ug/ml
18) T n-Dotriacontane (C32)	18.831	6272055	41.936 ug/mlm
19) T n-Tetratriacontane (C34)	19.618	5878739	41.037 ug/ml
20) T n-Hexatriacontane (C36)	20.359	5622155	38.561 ug/ml
21) T n-Octatriacontane (C38)	21.090	6150065	41.707 ug/ml
22) T n-Tetracontane (C40)	21.986	6440169	41.144 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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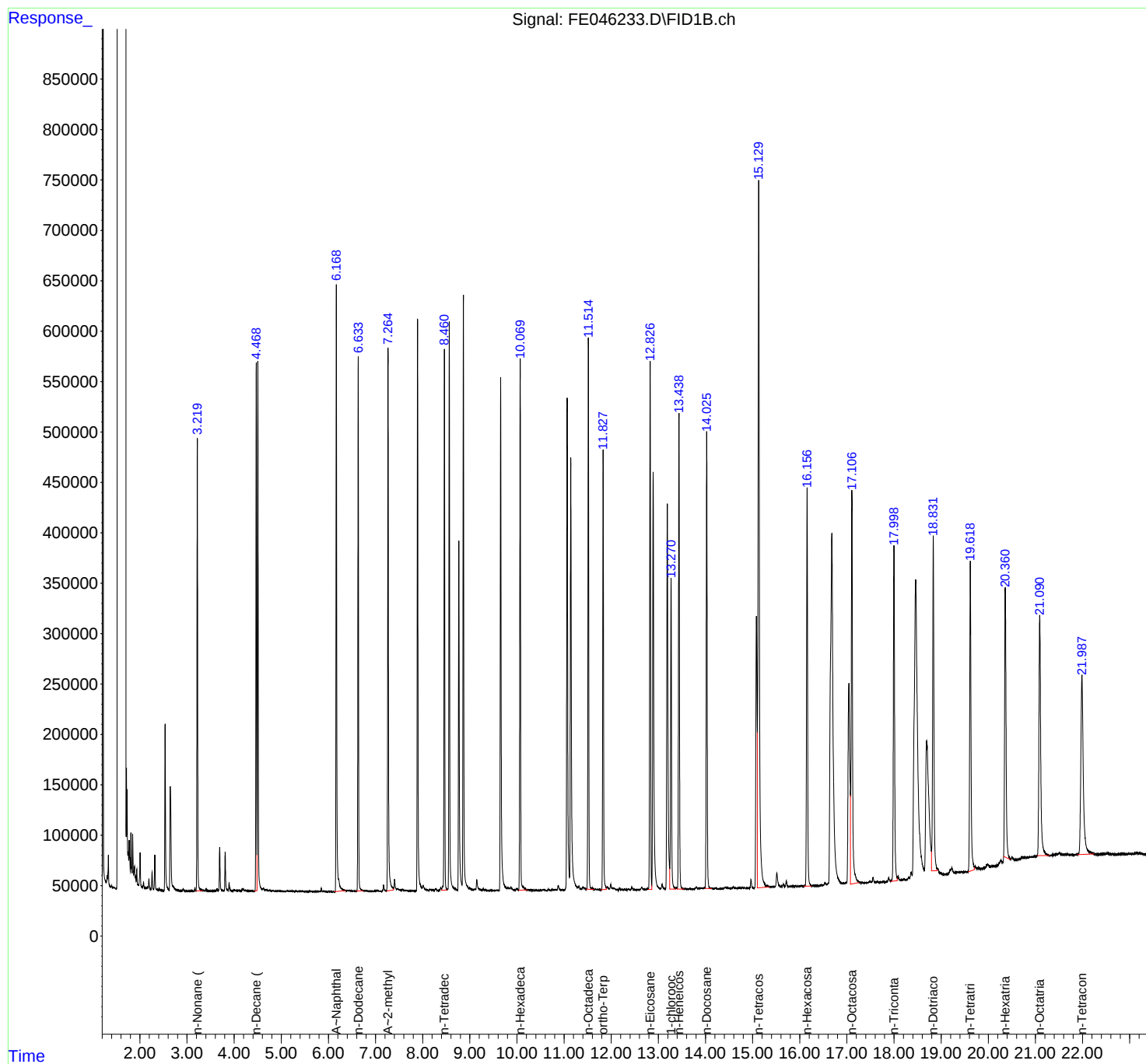
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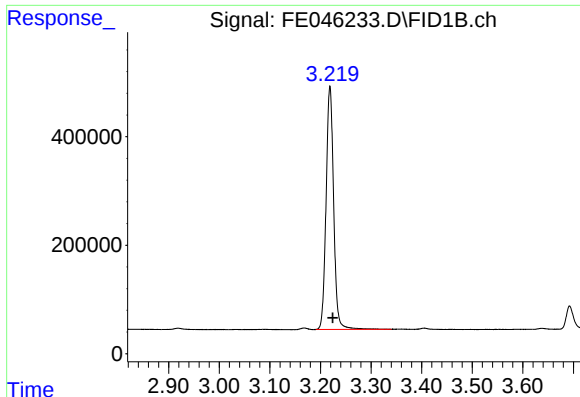
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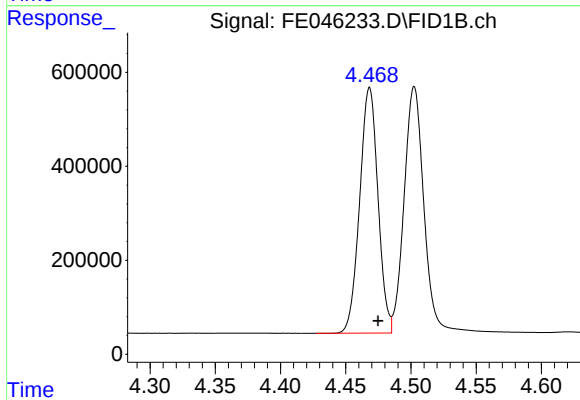
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.005 min
Response: 4659894
Conc: 30.45 ug/ml

Instrument :
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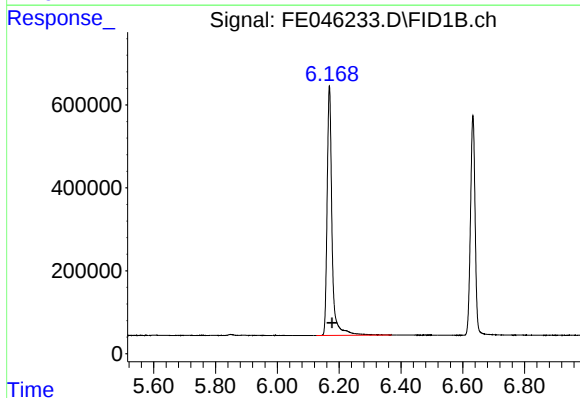
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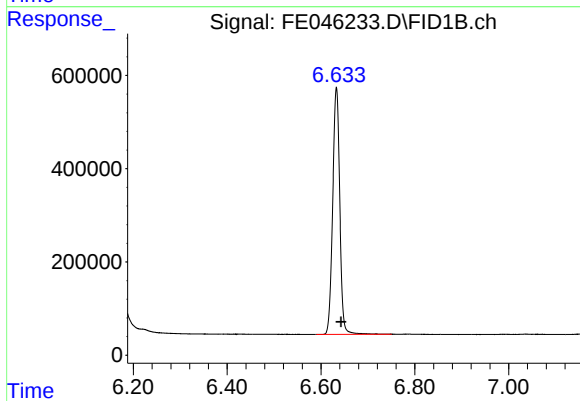
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.006 min
Response: 5106614
Conc: 32.90 ug/ml



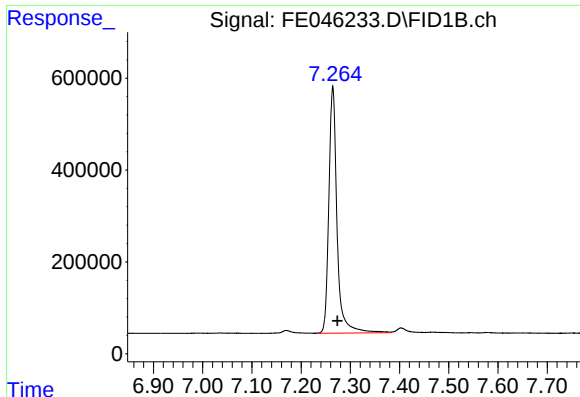
#3 A~Naphthalene (C11.7)

R.T.: 6.169 min
Delta R.T.: -0.009 min
Response: 6629756
Conc: 39.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.010 min
Response: 5535101
Conc: 35.45 ug/ml



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

R.T.: 7.264 min
Delta R.T.: -0.009 min
Response: 6233747
Conc: 39.15 ug/ml

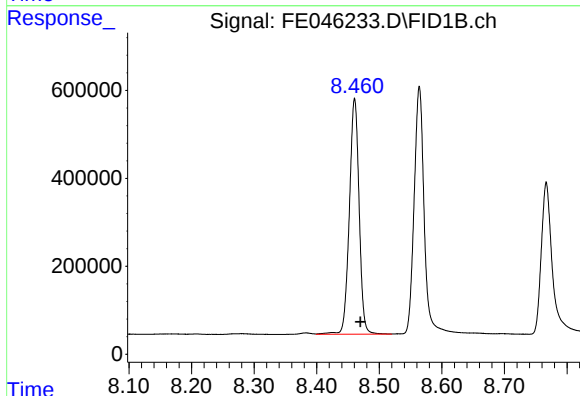
Instrument :

FID_E

ClientSampleId :
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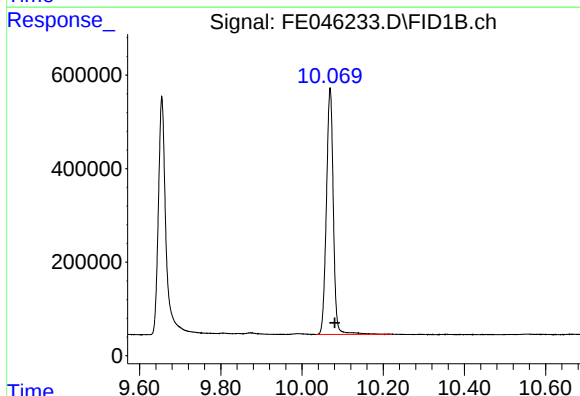
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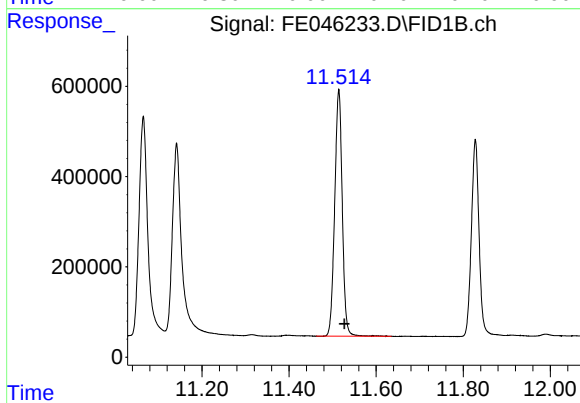
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.009 min
Response: 5816108
Conc: 37.34 ug/ml



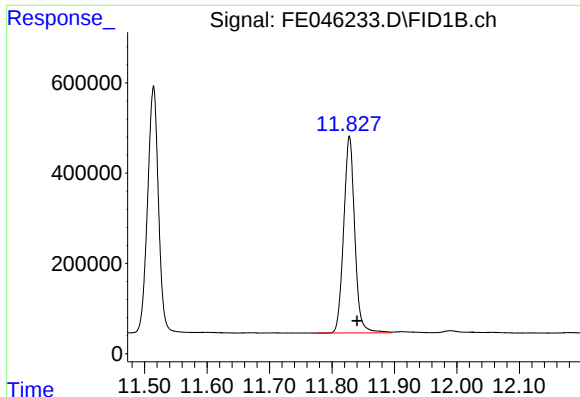
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.011 min
Response: 6220352
Conc: 39.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.012 min
Response: 6595957
Conc: 41.91 ug/ml



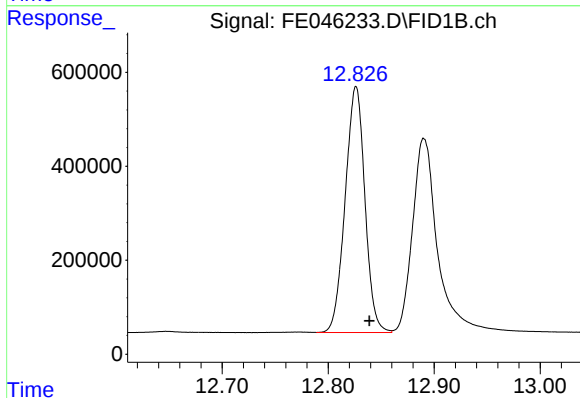
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.012 min
Response: 5362056
Conc: 29.51 ug/ml

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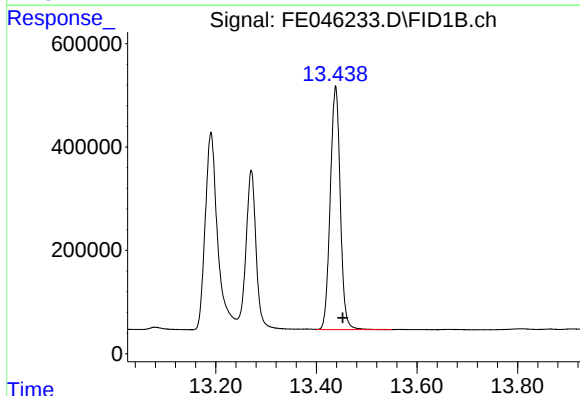
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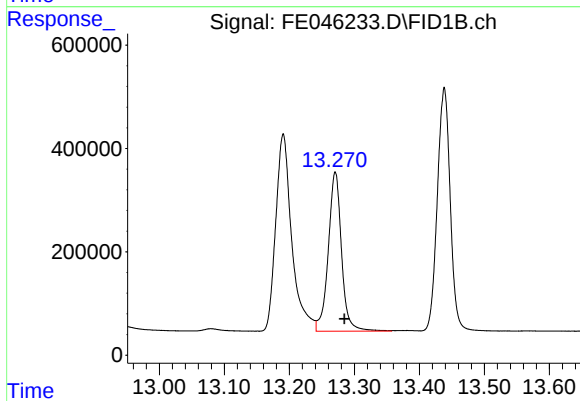
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.012 min
Response: 6775222
Conc: 44.79 ug/ml



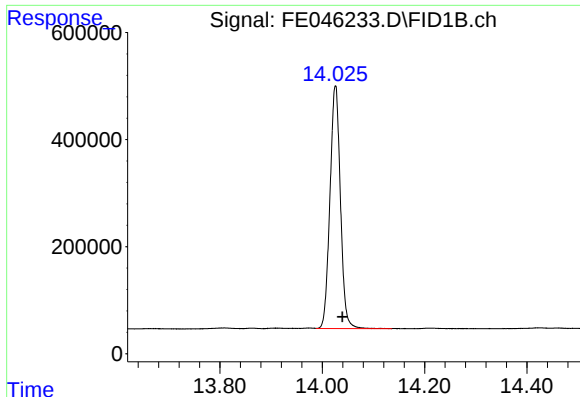
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.014 min
Response: 6512027
Conc: 44.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.014 min
Response: 4368897
Conc: 32.70 ug/ml



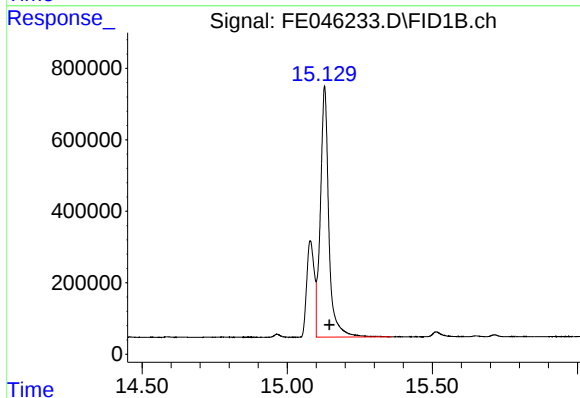
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.014 min
Response: 6422891
Conc: 43.94 ug/ml

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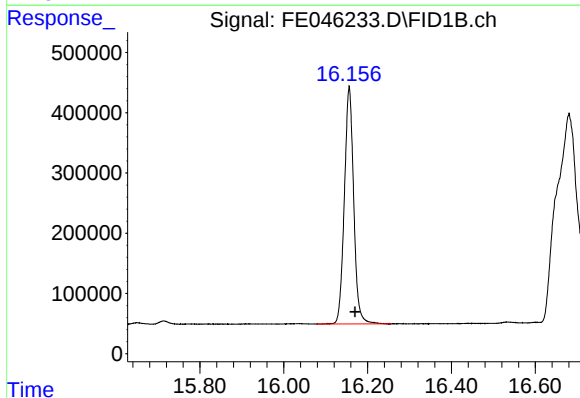
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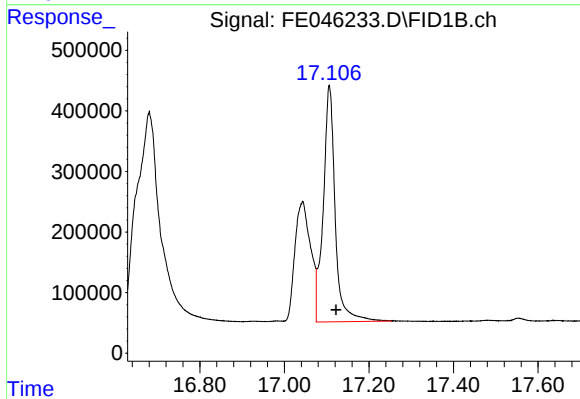
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.017 min
Response: 14250188
Conc: 98.25 ug/ml



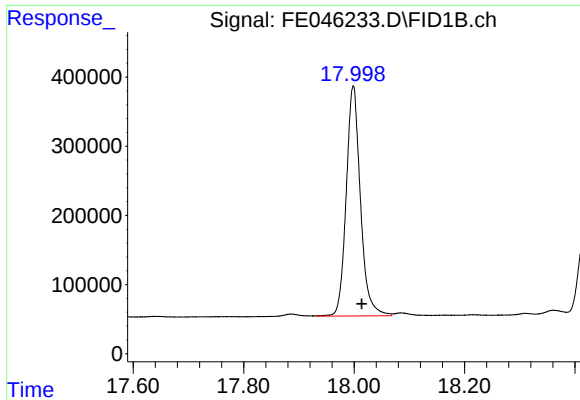
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.014 min
Response: 6078885
Conc: 42.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.017 min
Response: 7653978
Conc: 53.37 ug/ml m



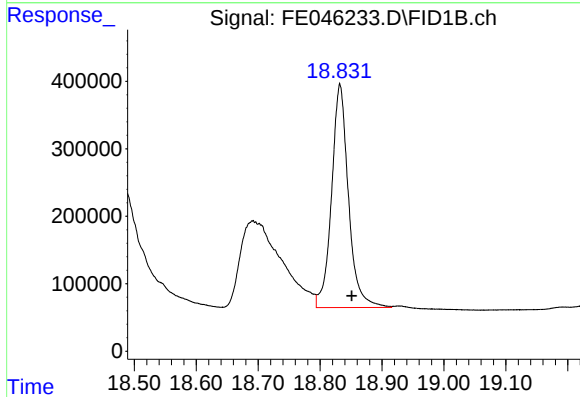
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.015 min
Response: 5951233
Conc: 40.04 ug/ml

Instrument :
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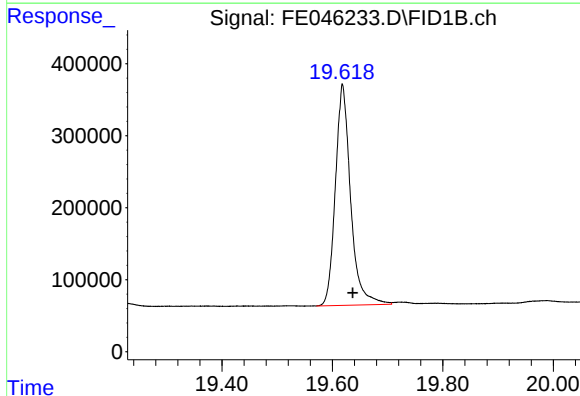
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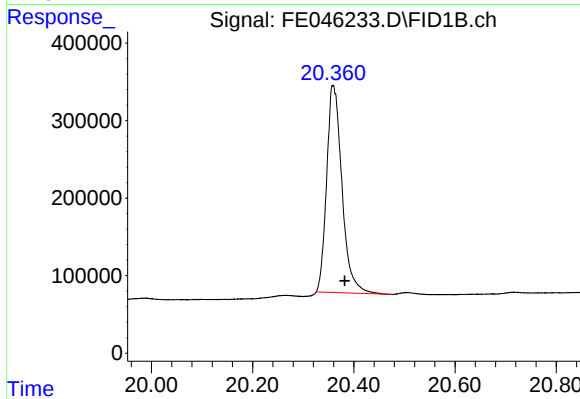
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.020 min
Response: 6272055
Conc: 41.94 ug/ml m



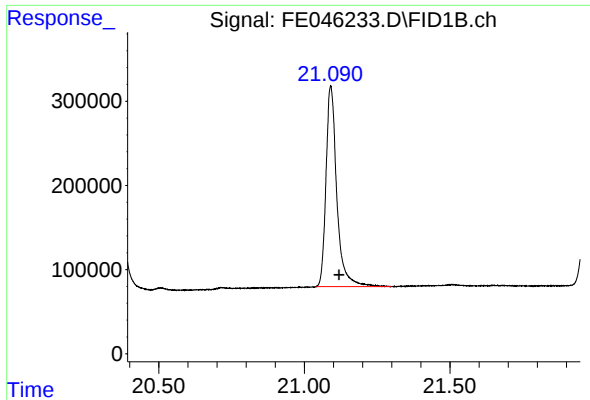
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.018 min
Response: 5878739
Conc: 41.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: -0.023 min
Response: 5622155
Conc: 38.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: -0.029 min
Response: 6150065
Conc: 41.71 ug/ml

Instrument :

FID_E

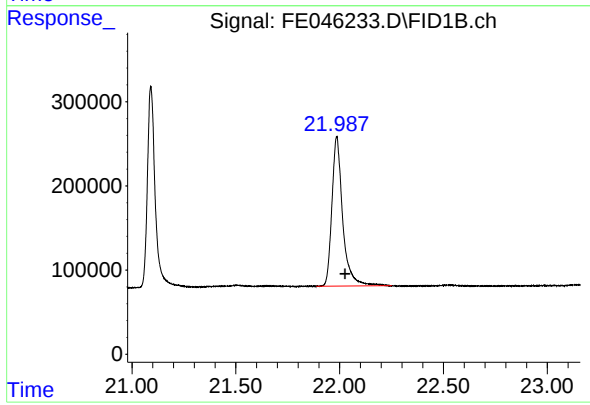
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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.039 min
Response: 6440169
Conc: 41.14 ug/ml