

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
 Data File : FE046118.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2024 14:10
 Operator : YP\AJ
 Sample : PB158315BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158315BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/10/2024

Supervised By :Ankita Jodhani 01/10/2024

Integration File: autoint1.e

Quant Time: Jan 10 02:36:54 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)	11.837	7521171	41.388 ug/ml
Spiked Amount 50.000		Recovery =	82.78%
12) S 1-chlorooctadecane (S...	13.280	5961903	44.621 ug/ml
Spiked Amount 50.000		Recovery =	89.24%
Target Compounds			
1) T n-Nonane (C9)	3.231	5014220	32.763 ug/ml
2) T n-Decane (C10)	4.477	5168904	33.305 ug/ml
3) T A~Naphthalene (C11.7)	6.176	6423931	38.627 ug/ml
4) T n-Dodecane (C12)	6.640	5964092	38.198 ug/ml
5) T A~2-methylnaphthalene...	7.272	6711299	42.153 ug/ml
6) T n-Tetradecane (C14)	8.468	6581016	42.248 ug/ml
7) T n-Hexadecane (C16)	10.076	6766228	42.728 ug/ml
8) T n-Octadecane (C18)	11.522	6866255	43.625 ug/ml
10) T n-Eicosane (C20)	12.835	6844742	45.246 ug/ml
11) T n-Heneicosane (C21)	13.448	6526130	44.380 ug/ml
13) T n-Docosane (C22)	14.034	6462164	44.210 ug/ml
14) T n-Tetracosane (C24)	15.138	14187440	97.822 ug/ml
15) T n-Hexacosane (C26)	16.166	6111814	42.630 ug/ml
16) T n-Octacosane (C28)	17.116	7460093	52.016 ug/mlm
17) T n-Tricontane (C30)	18.009	5977490	40.215 ug/ml
18) T n-Dotriacontane (C32)	18.840	6381741	42.670 ug/mlm
19) T n-Tetratriacontane (C34)	19.630	5979349	41.739 ug/ml
20) T n-Hexatriacontane (C36)	20.372	5696421	39.070 ug/ml
21) T n-Octatriacontane (C38)	21.106	6301818	42.736 ug/ml
22) T n-Tetracontane (C40)	22.008	6396284	40.864 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB158315BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

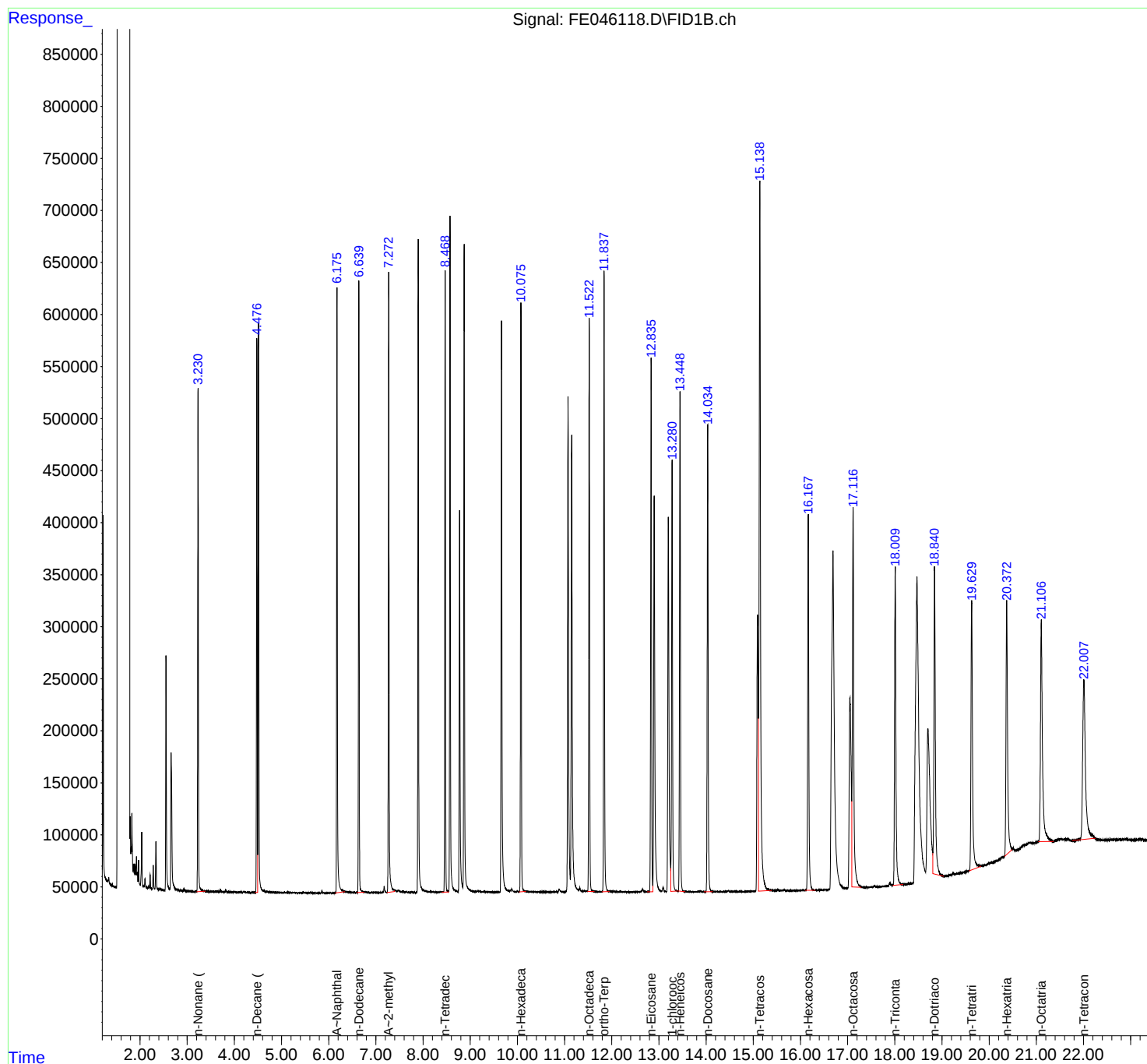
Instrument :
FID_E
ClientSampleId :
PB158315BS

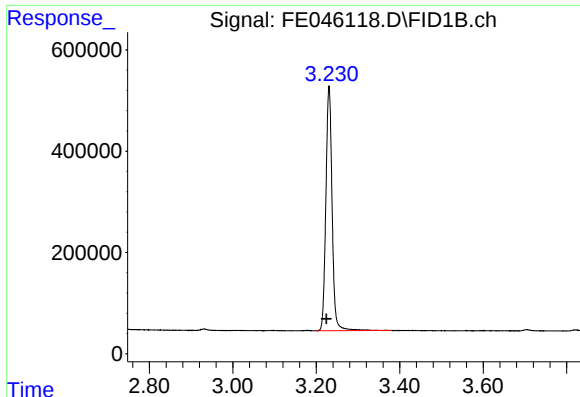
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Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:49:54 2023
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: 0.007 min
Response: 5014220
Conc: 32.76 ug/ml

Instrument :

FID_E

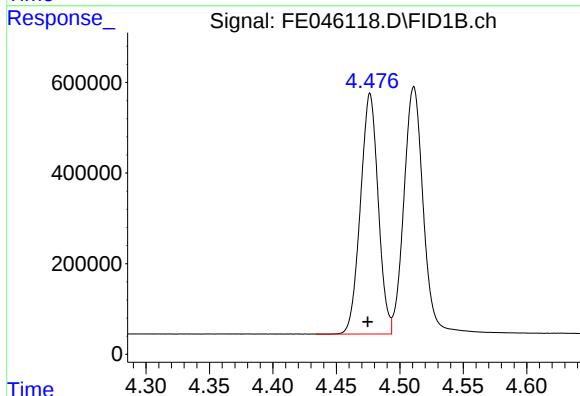
ClientSampleId :

PB158315BS

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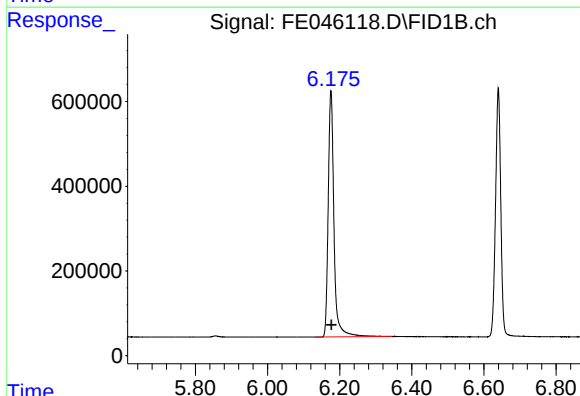
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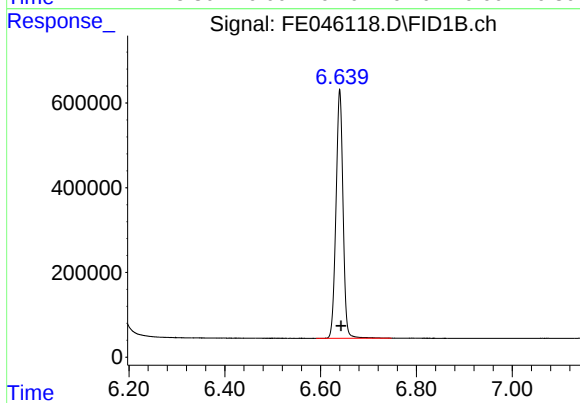
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: 0.002 min
Response: 5168904
Conc: 33.31 ug/ml



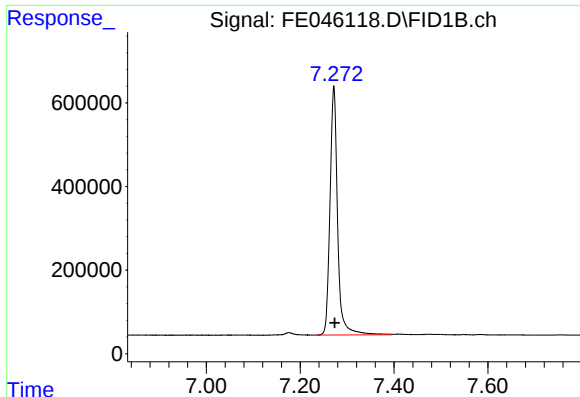
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 6423931
Conc: 38.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 5964092
Conc: 38.20 ug/ml



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

R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 6711299
Conc: 42.15 ug/ml

Instrument :

FID_E

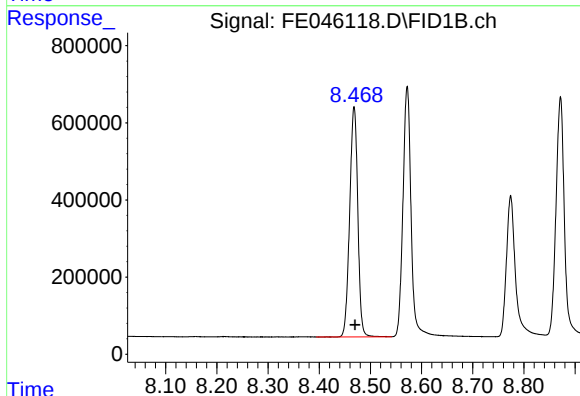
ClientSampleId :

PB158315BS

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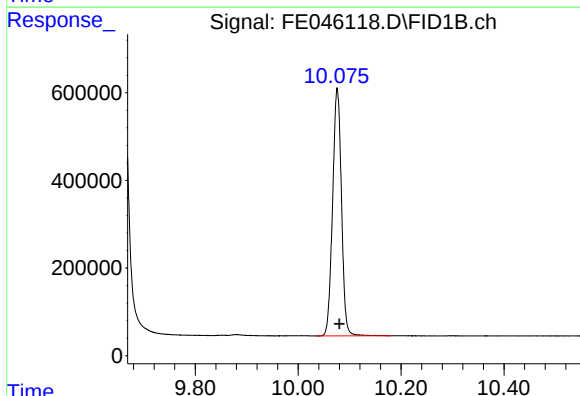
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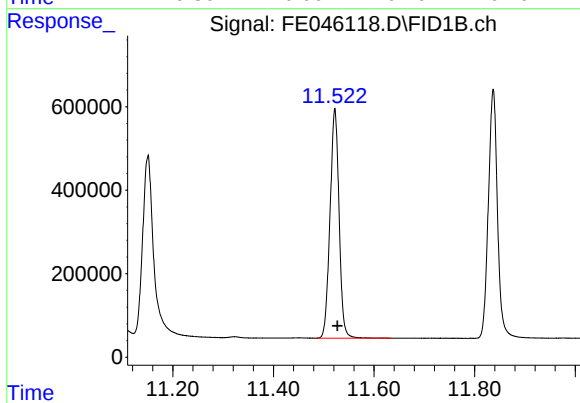
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.002 min
Response: 6581016
Conc: 42.25 ug/ml



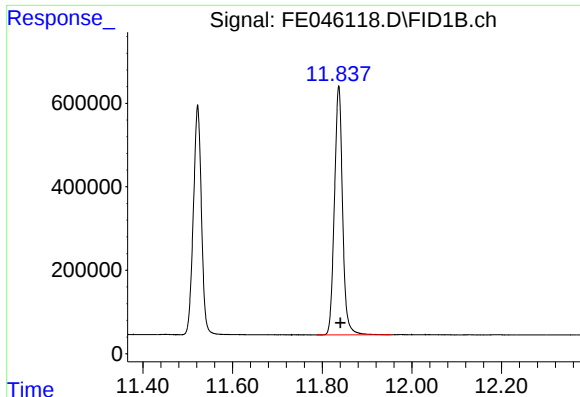
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.004 min
Response: 6766228
Conc: 42.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.005 min
Response: 6866255
Conc: 43.63 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.003 min
Response: 7521171
Conc: 41.39 ug/ml

Instrument :

FID_E

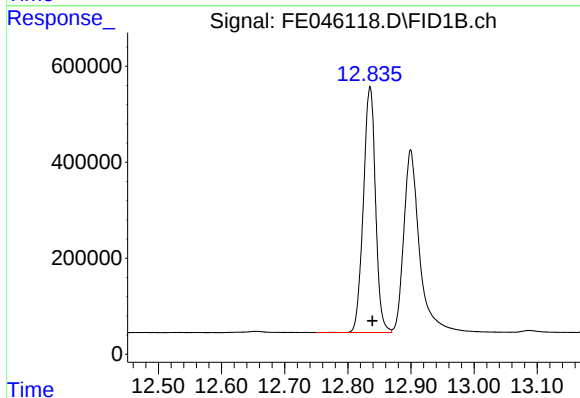
ClientSampleId :

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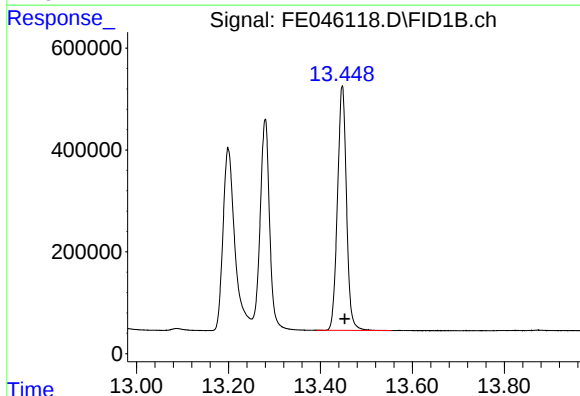
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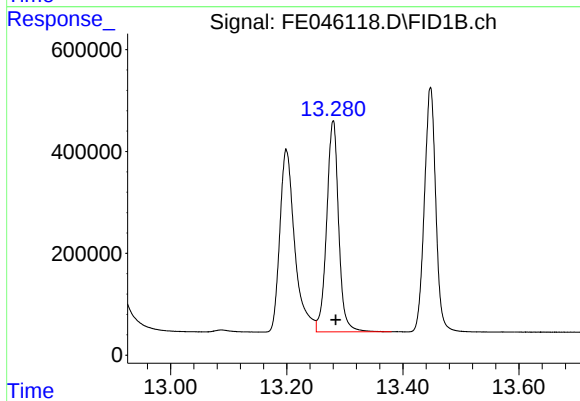
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.003 min
Response: 6844742
Conc: 45.25 ug/ml



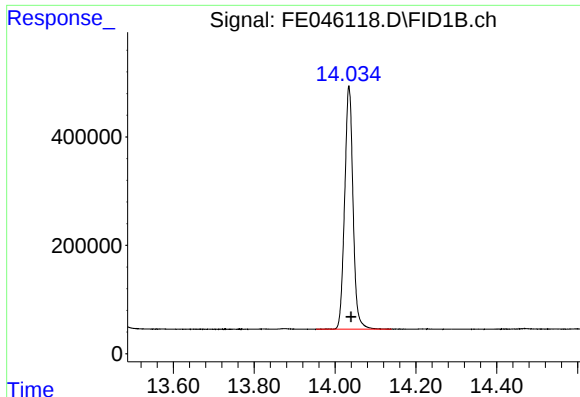
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: -0.005 min
Response: 6526130
Conc: 44.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.280 min
Delta R.T.: -0.004 min
Response: 5961903
Conc: 44.62 ug/ml



#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.005 min
Response: 6462164
Conc: 44.21 ug/ml

Instrument :

FID_E

ClientSampleId :

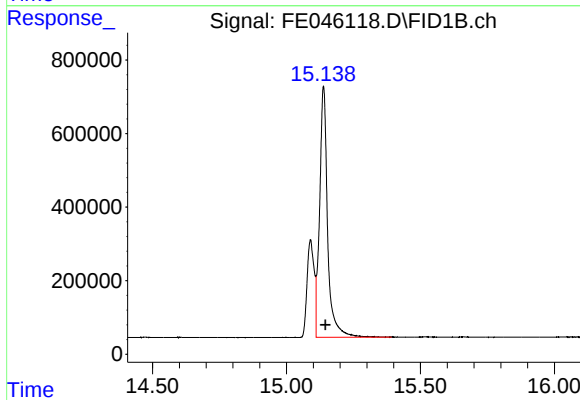
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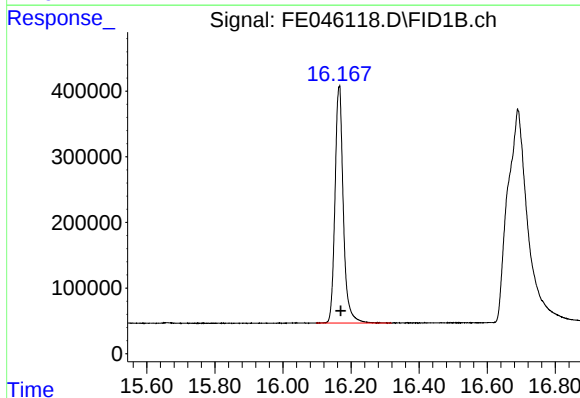
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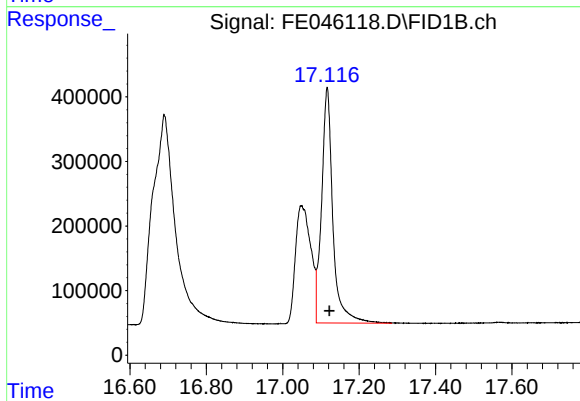
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.007 min
Response: 14187440
Conc: 97.82 ug/ml



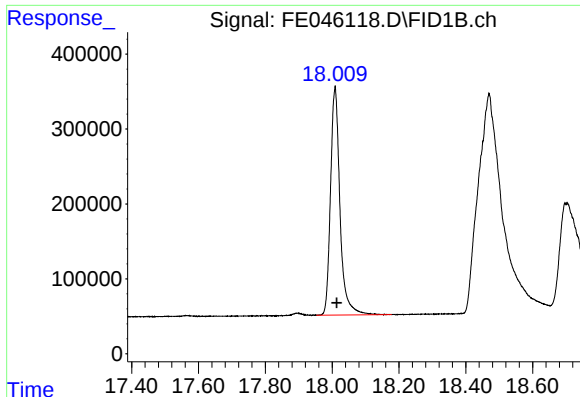
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.004 min
Response: 6111814
Conc: 42.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.007 min
Response: 7460093
Conc: 52.02 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.005 min
Response: 5977490
Conc: 40.22 ug/ml

Instrument :

FID_E

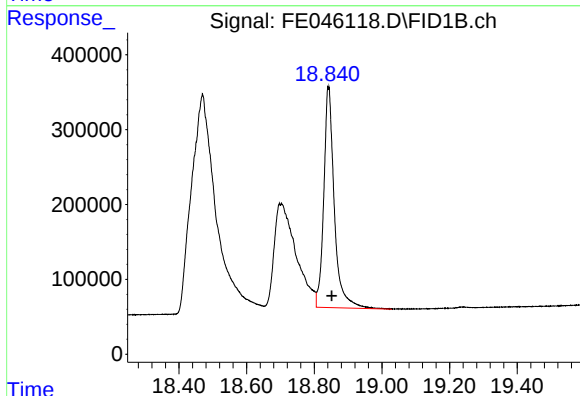
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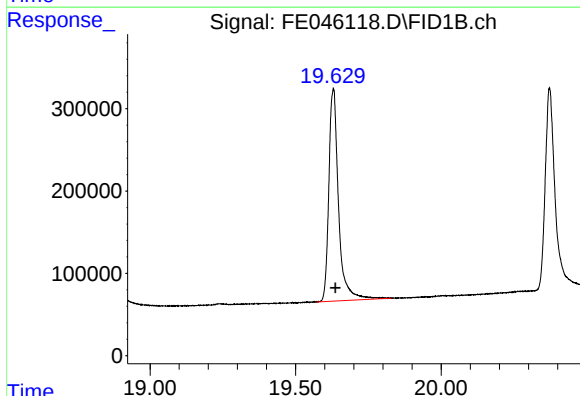
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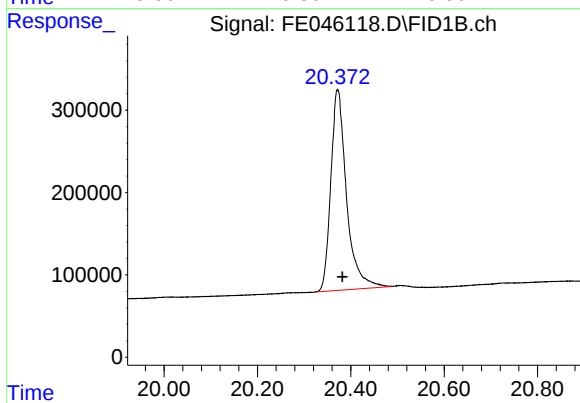
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 6381741
Conc: 42.67 ug/ml m



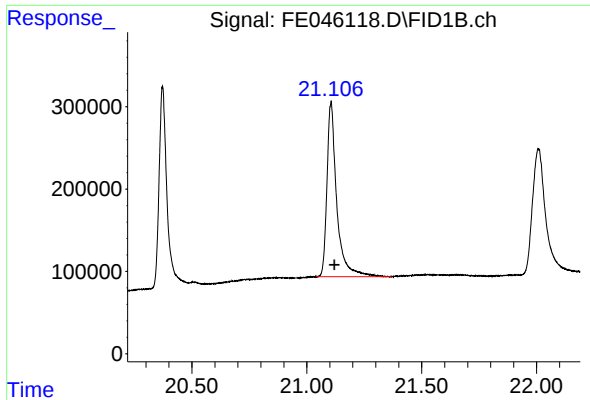
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.007 min
Response: 5979349
Conc: 41.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.010 min
Response: 5696421
Conc: 39.07 ug/ml



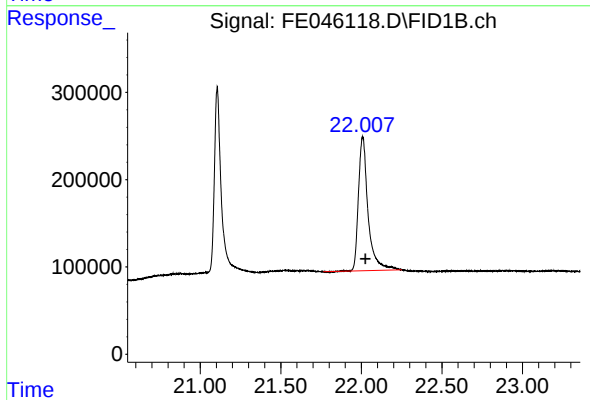
#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.014 min
Response: 6301818
Conc: 42.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: -0.017 min
Response: 6396284
Conc: 40.86 ug/ml