

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012224AL\
 Data File : FE046342.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2024 17:03
 Operator : YP\AJ
 Sample : P1203-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11977MS

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 01/23/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 23 00:34:30 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)	11.827	7018768	38.623 ug/ml
Spiked Amount 50.000		Recovery =	77.25%
12) S 1-chlorooctadecane (S...	13.269	6081531	45.517 ug/ml
Spiked Amount 50.000		Recovery =	91.03%
Target Compounds			
1) T n-Nonane (C9)	3.215	4463904	29.167 ug/ml
2) T n-Decane (C10)	4.465	4957800	31.945 ug/ml
3) T A~Naphthalene (C11.7)	6.167	6029992	36.258 ug/ml
4) T n-Dodecane (C12)	6.631	5813957	37.236 ug/ml
5) T A~2-methylnaphthalene...	7.263	6355081	39.916 ug/ml
6) T n-Tetradecane (C14)	8.459	6871780	44.114 ug/ml
7) T n-Hexadecane (C16)	10.068	7255443	45.817 ug/ml
8) T n-Octadecane (C18)	11.514	7376452	46.867 ug/ml
10) T n-Eicosane (C20)	12.824	7495577	49.548 ug/ml
11) T n-Heneicosane (C21)	13.437	7360154	50.052 ug/ml
13) T n-Docosane (C22)	14.023	7100112	48.574 ug/ml
14) T n-Tetracosane (C24)	15.128	16475241	113.596 ug/ml
15) T n-Hexacosane (C26)	16.153	6456090	45.032 ug/ml
16) T n-Octacosane (C28)	17.104	8757430	61.062 ug/mlm
17) T n-Tricontane (C30)	17.996	6204280	41.741 ug/ml
18) T n-Dotriacontane (C32)	18.830	6741582	45.076 ug/mlm
19) T n-Tetratriacontane (C34)	19.615	6125895	42.762 ug/ml
20) T n-Hexatriacontane (C36)	20.358	5878060	40.316 ug/mlm
21) T n-Octatriacontane (C38)	21.088	6030214	40.894 ug/ml
22) T n-Tetracontane (C40)	21.980	5968124	38.129 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P1203-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

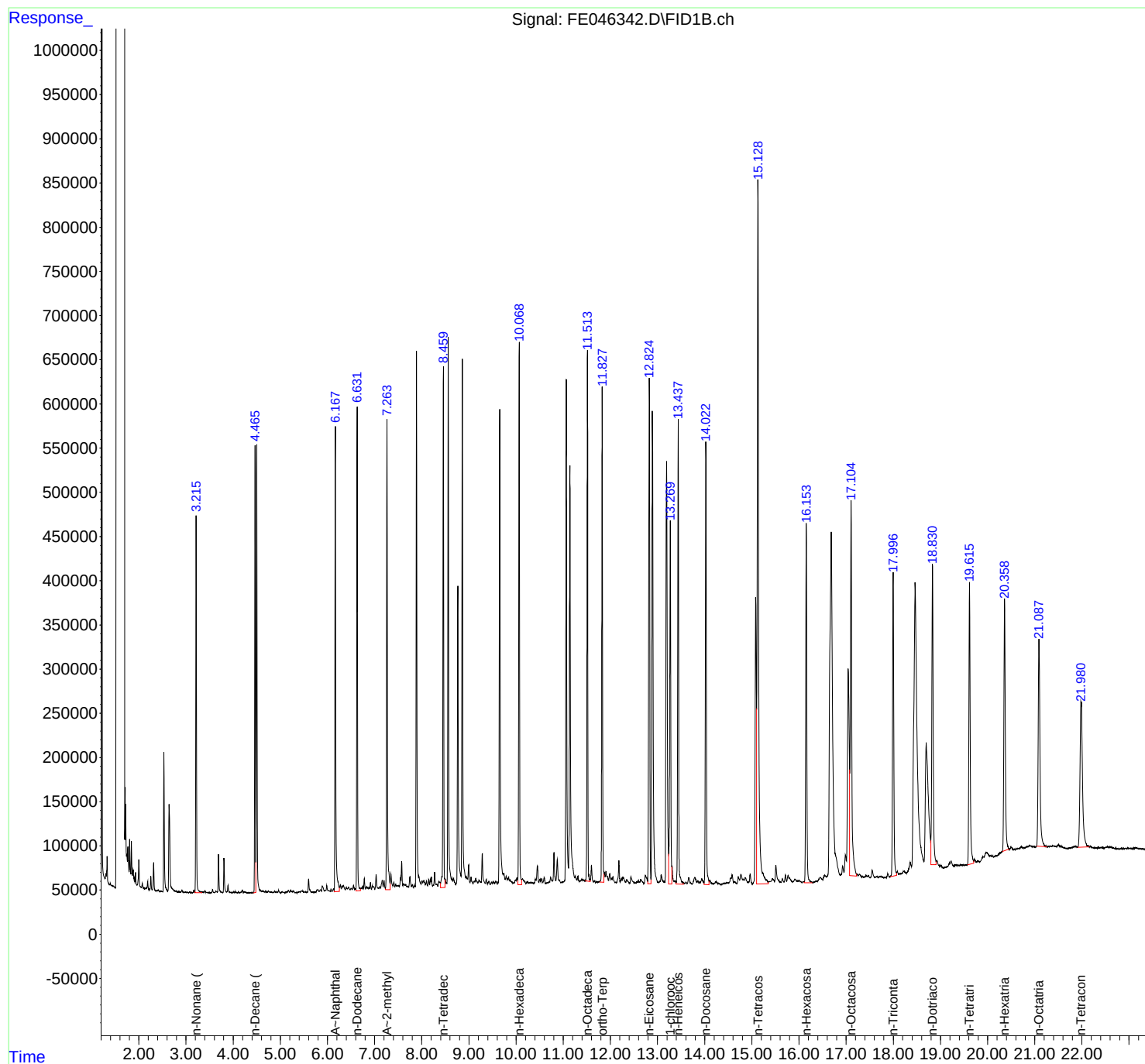
Instrument :
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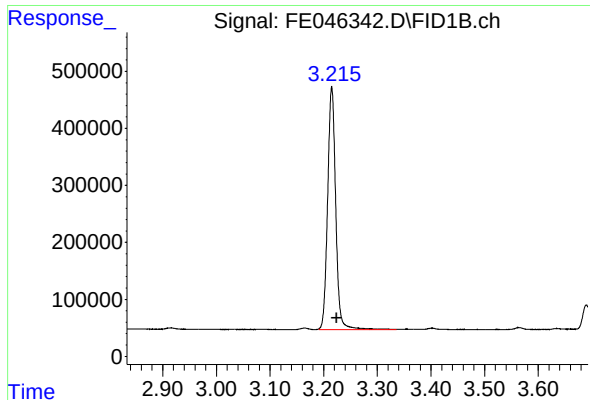
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:49:54 2023
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: -0.009 min
Response: 4463904
Conc: 29.17 ug/ml

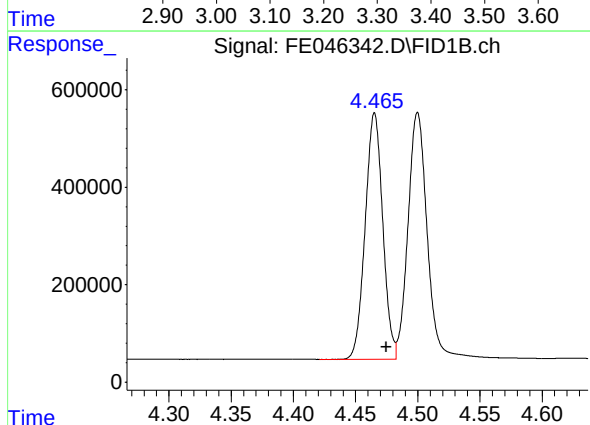
Instrument :

FID_E

ClientSampleId :
72-11977MS

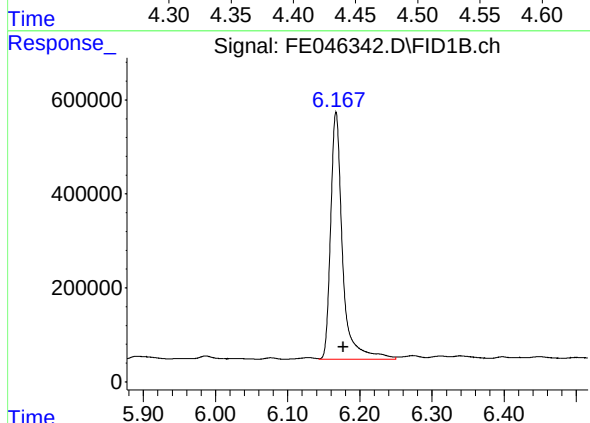
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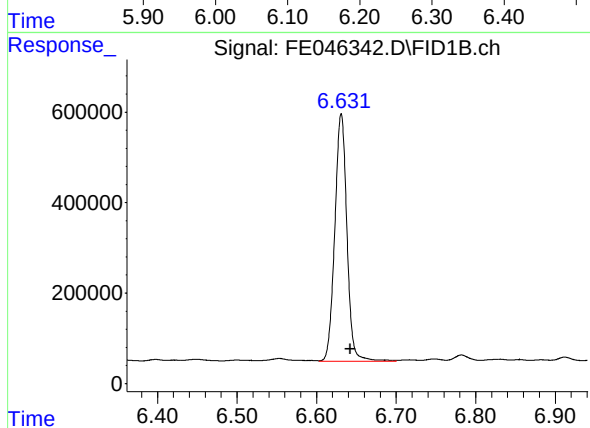
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.009 min
Response: 4957800
Conc: 31.95 ug/ml



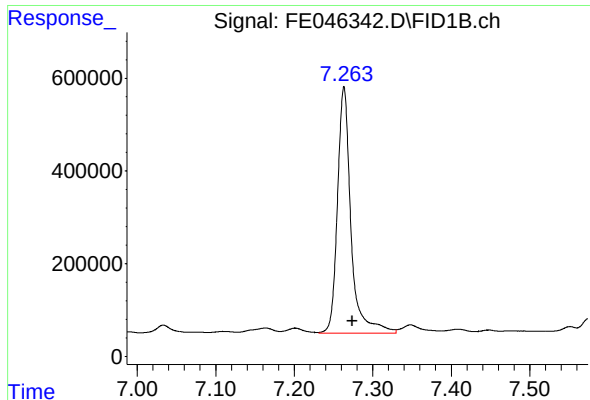
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 6029992
Conc: 36.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.012 min
Response: 5813957
Conc: 37.24 ug/ml



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

R.T.: 7.263 min
Delta R.T.: -0.010 min
Response: 6355081
Conc: 39.92 ug/ml

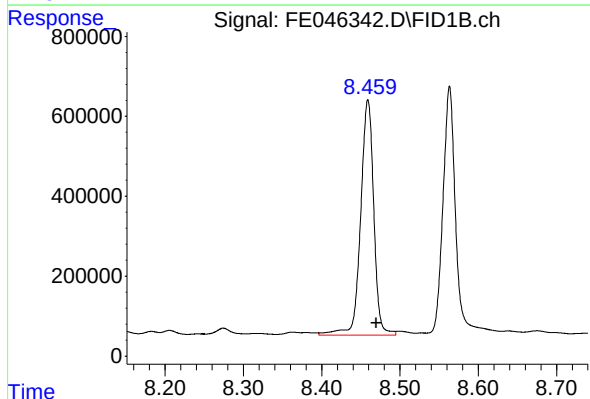
Instrument :

FID_E

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72-11977MS

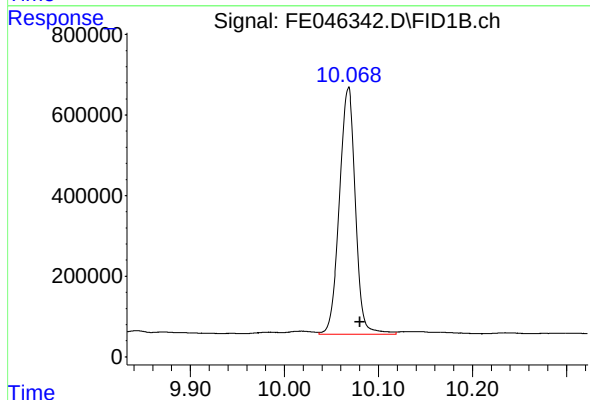
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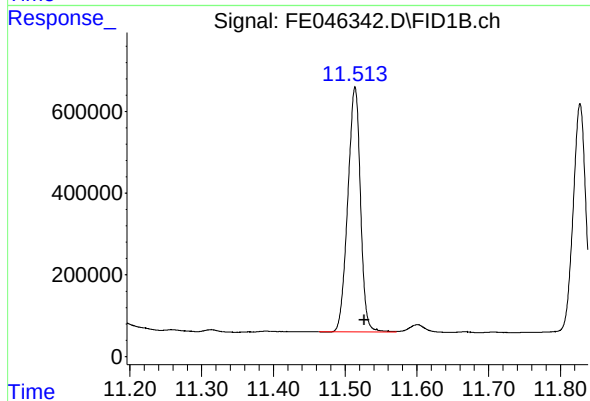
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.011 min
Response: 6871780
Conc: 44.11 ug/ml



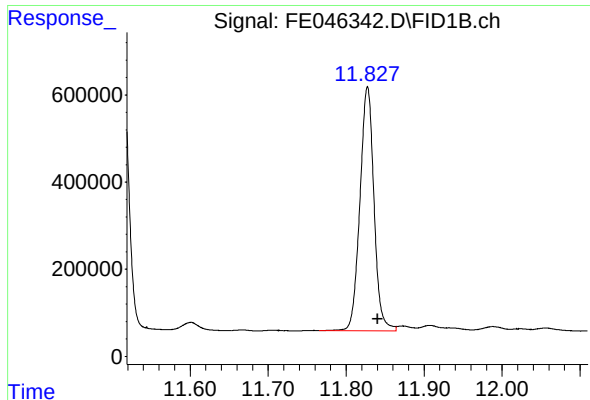
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.012 min
Response: 7255443
Conc: 45.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 7376452
Conc: 46.87 ug/ml



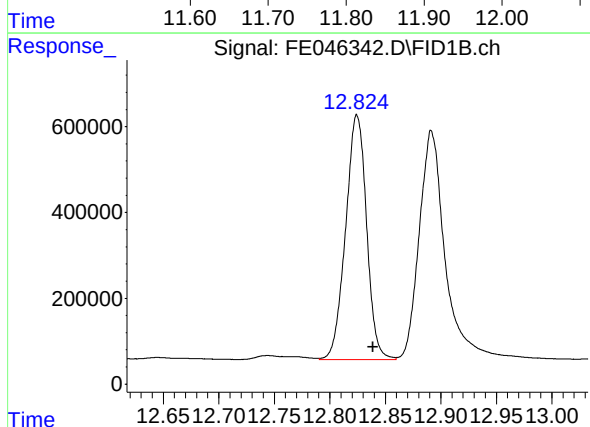
#9 ortho-Terphenyl (SURR)

R.T.: 11.827 min
Delta R.T.: -0.013 min
Response: 7018768
Conc: 38.62 ug/ml

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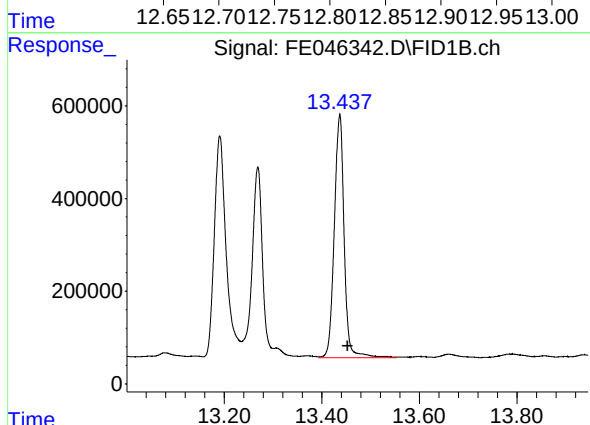
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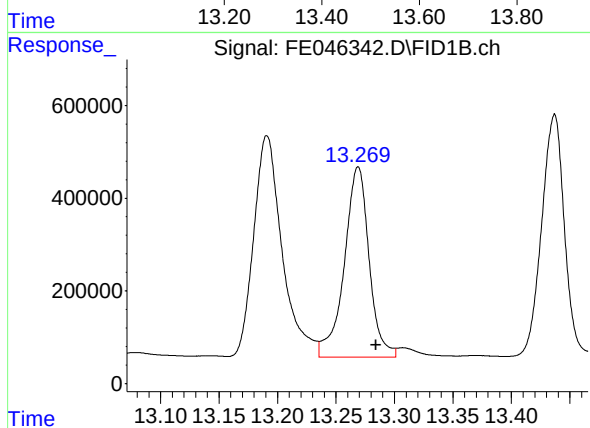
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.014 min
Response: 7495577
Conc: 49.55 ug/ml



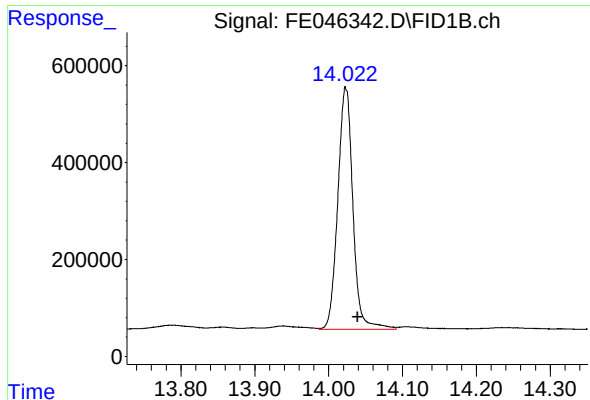
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.016 min
Response: 7360154
Conc: 50.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.015 min
Response: 6081531
Conc: 45.52 ug/ml



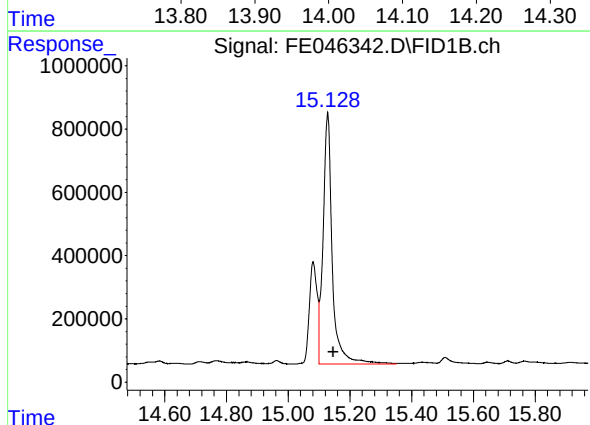
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.016 min
Response: 7100112
Conc: 48.57 ug/ml

Instrument :
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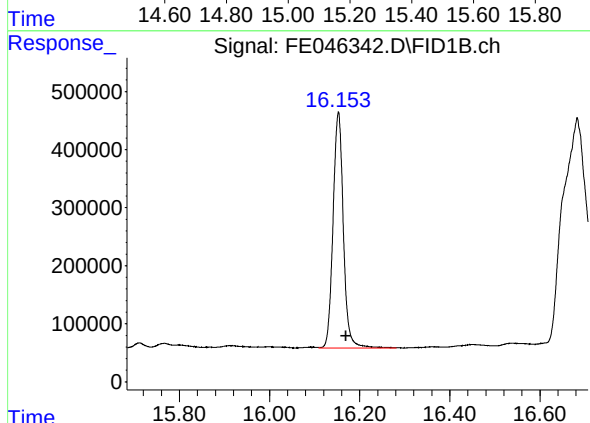
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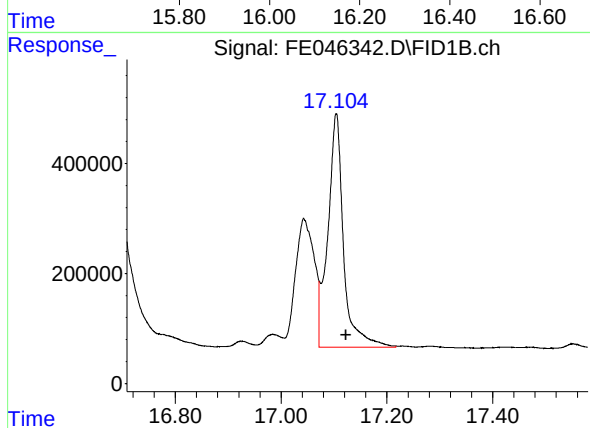
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.017 min
Response: 16475241
Conc: 113.60 ug/ml



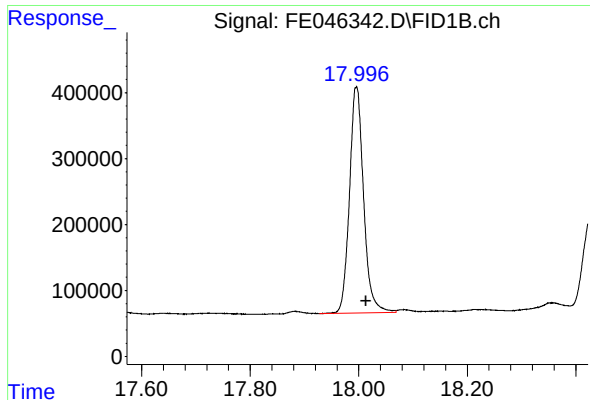
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.017 min
Response: 6456090
Conc: 45.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.019 min
Response: 8757430
Conc: 61.06 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.018 min
Response: 6204280
Conc: 41.74 ug/ml

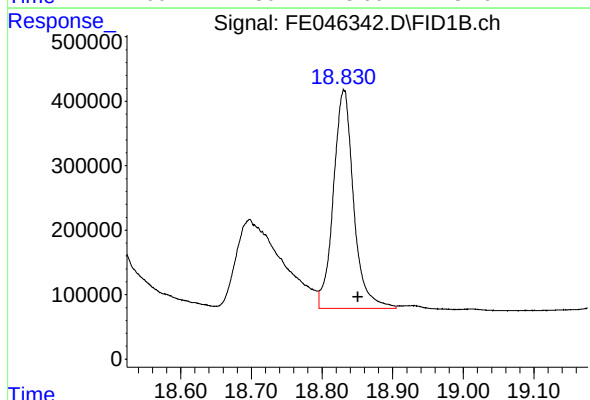
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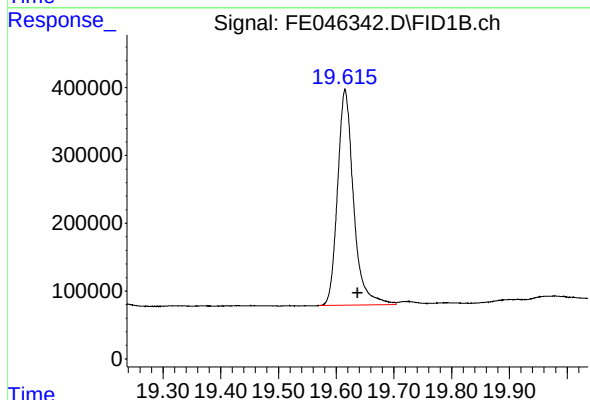
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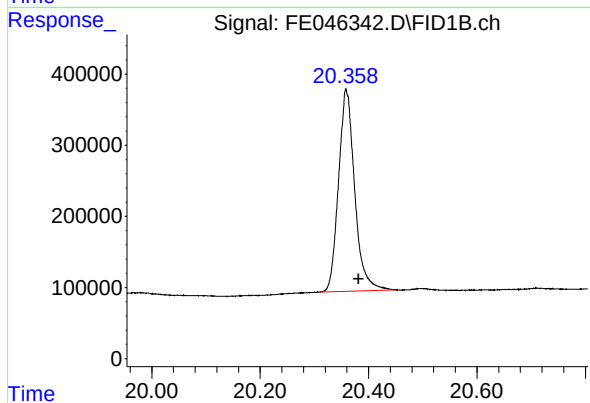
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.021 min
Response: 6741582
Conc: 45.08 ug/ml m



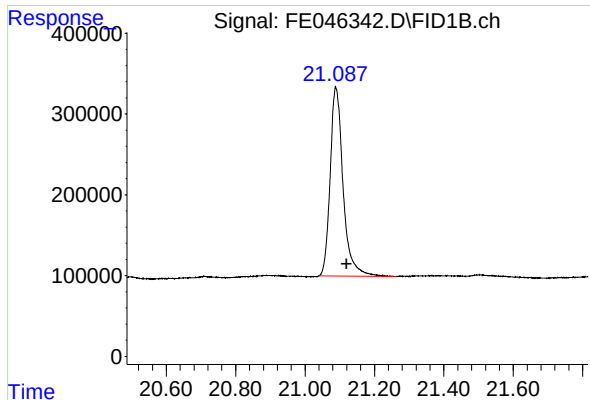
#19 n-Tetatriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.021 min
Response: 6125895
Conc: 42.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.024 min
Response: 5878060
Conc: 40.32 ug/ml m



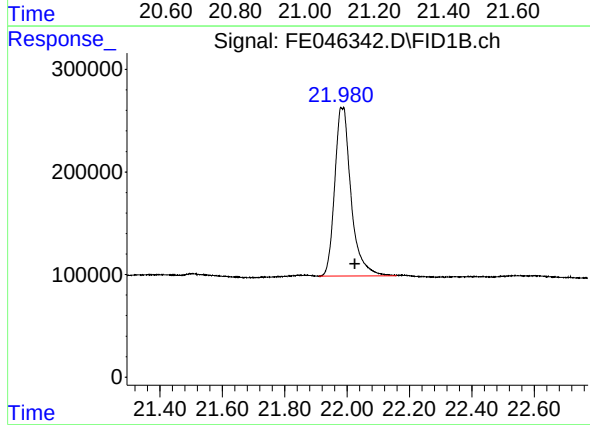
#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.031 min
Response: 6030214
Conc: 40.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.980 min
Delta R.T.: -0.046 min
Response: 5968124
Conc: 38.13 ug/ml m