

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102122AL\
 Data File : FE038265.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2022 17:00
 Operator : YP\AJ
 Sample : PB148477BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148477BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2022
 Supervised By :Ankita Jodhani 10/24/2022

Integration File: sample.E
 Quant Time: Oct 22 15:20:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.600	6776462	39.179 ug/ml
Spiked Amount 50.000		Recovery =	78.36%
12) S 1-chlorooctadecane (S...	13.021	6075965	44.953 ug/ml
Spiked Amount 50.000		Recovery =	89.91%
Target Compounds			
1) T n-Nonane (C9)	3.002	6433294	43.681 ug/ml
2) T n-Decane (C10)	4.255	6502232	43.979 ug/ml
3) T A~Naphthalene (C11.7)	5.971	6747004	49.269 ug/ml
4) T n-Dodecane (C12)	6.423	7028141	46.122 ug/ml
5) T A~2-methylnaphthalene...	7.064	6613919	49.764 ug/ml
6) T n-Tetradecane (C14)	8.244	7065370	46.163 ug/ml
7) T n-Hexadecane (C16)	9.840	6981343	44.695 ug/ml
8) T n-Octadecane (C18)	11.276	7014169	43.729 ug/ml
10) T n-Eicosane (C20)	12.578	6729034	41.264 ug/ml
11) T n-Heneicosane (C21)	13.186	6632943	40.257 ug/ml
13) T n-Docosane (C22)	13.769	6524410	39.635 ug/ml
14) T n-Tetracosane (C24)	14.865	12871166	78.480 ug/ml
15) T n-Hexacosane (C26)	15.883	6280321	38.515 ug/ml
16) T n-Octacosane (C28)	16.826	7975182	49.783 ug/ml
17) T n-Tricontane (C30)	17.710	6133149	38.326 ug/ml
18) T n-Dotriacontane (C32)	18.538	6469857	41.086 ug/ml
19) T n-Tetratriacontane (C34)	19.318	5880236	39.689 ug/ml
20) T n-Hexatriacontane (C36)	20.053	5490562	38.085 ug/ml
21) T n-Octatriacontane (C38)	20.750	5301396	39.067 ug/mlm
22) T n-Tetracontane (C40)	21.519	5163228	40.561 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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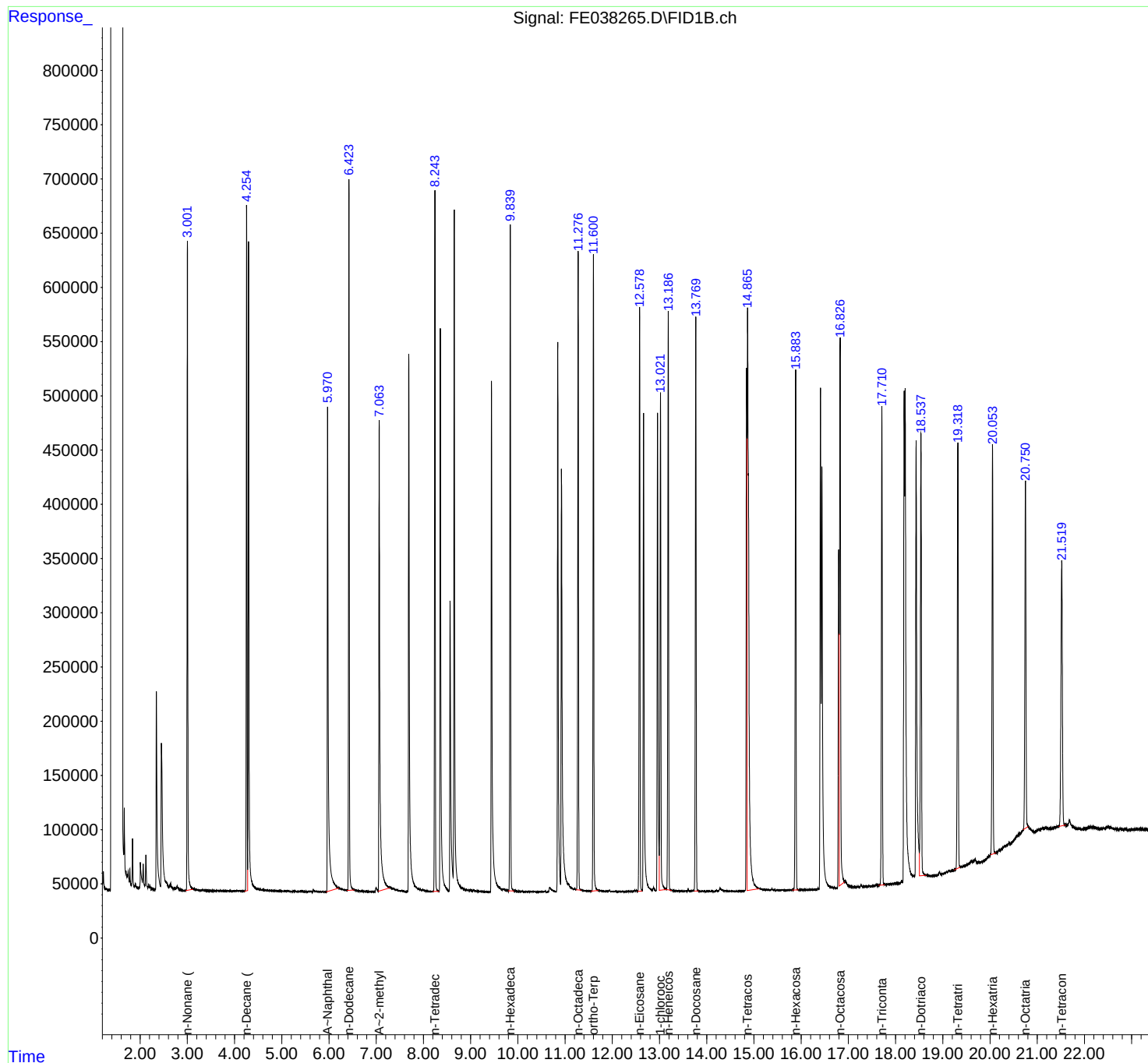
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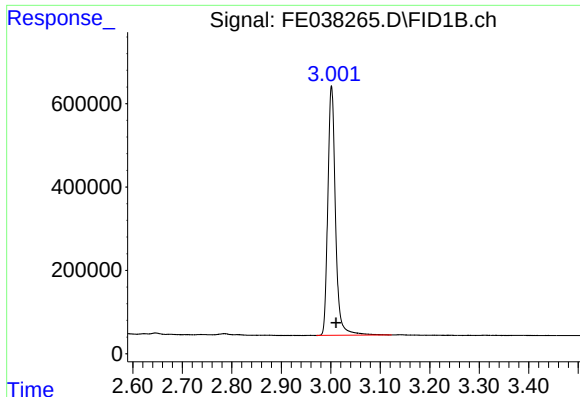
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#1 n-Nonane (C9)

R.T.: 3.002 min
Delta R.T.: -0.009 min
Response: 6433294
Conc: 43.68 ug/ml

Instrument :

FID_E

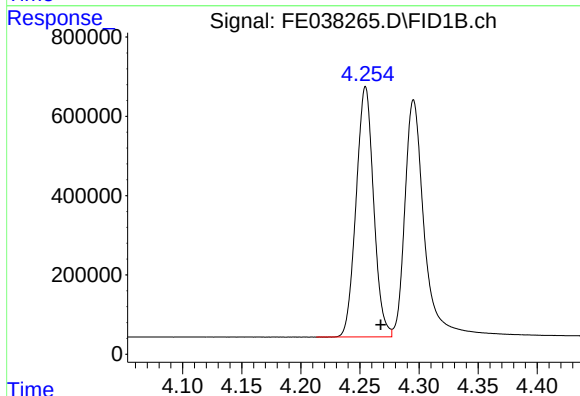
ClientSampleId :

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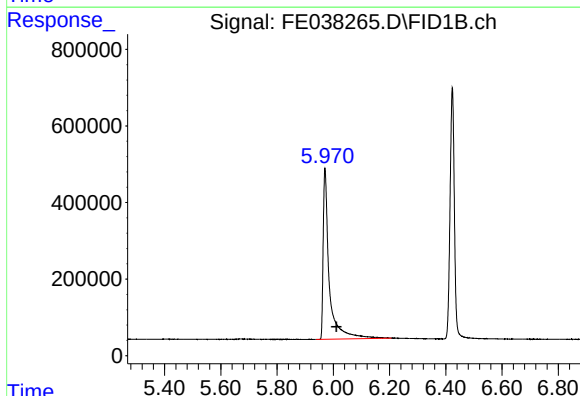
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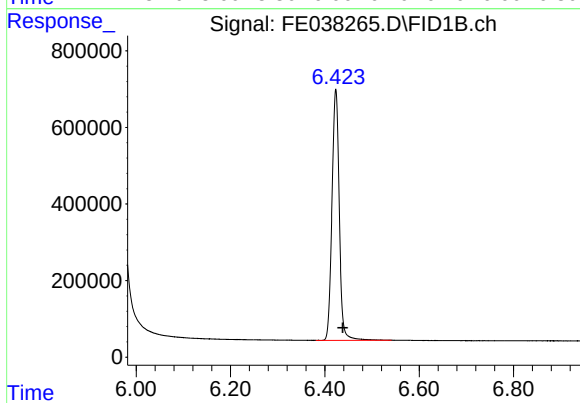
#2 n-Decane (C10)

R.T.: 4.255 min
Delta R.T.: -0.013 min
Response: 6502232
Conc: 43.98 ug/ml



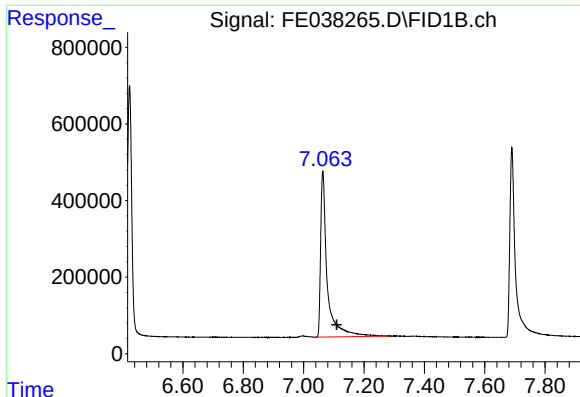
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.040 min
Response: 6747004
Conc: 49.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: -0.015 min
Response: 7028141
Conc: 46.12 ug/ml



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

R.T.: 7.064 min
Delta R.T.: -0.046 min
Response: 6613919
Conc: 49.76 ug/ml

Instrument :

FID_E

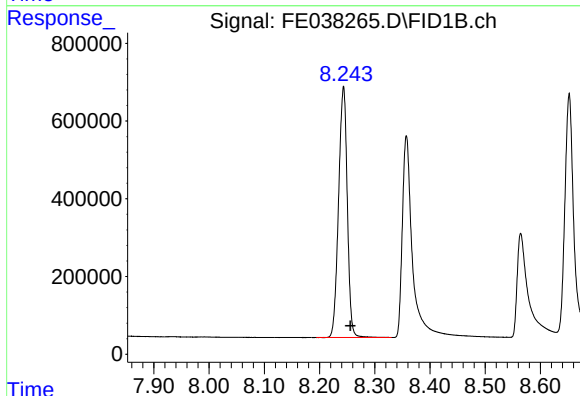
ClientSampleId :

PB148477BSD

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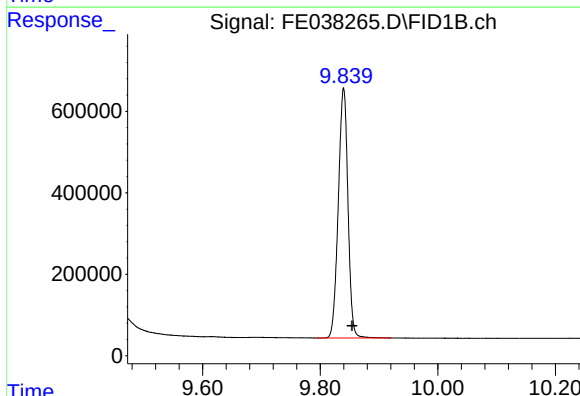
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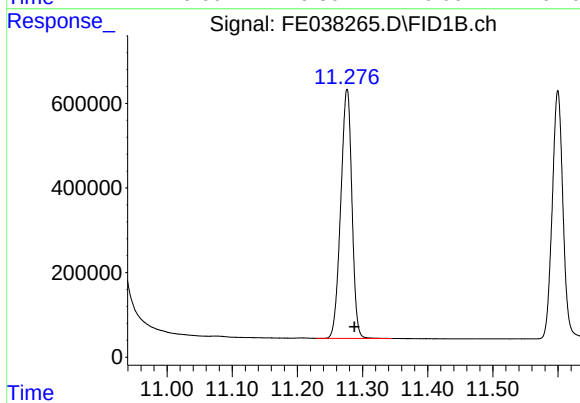
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: -0.013 min
Response: 7065370
Conc: 46.16 ug/ml



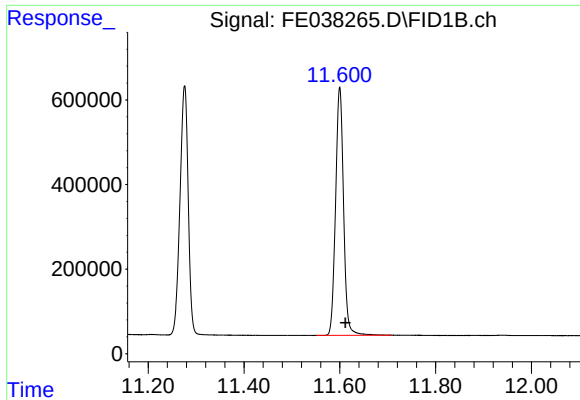
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: -0.014 min
Response: 6981343
Conc: 44.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.011 min
Response: 7014169
Conc: 43.73 ug/ml



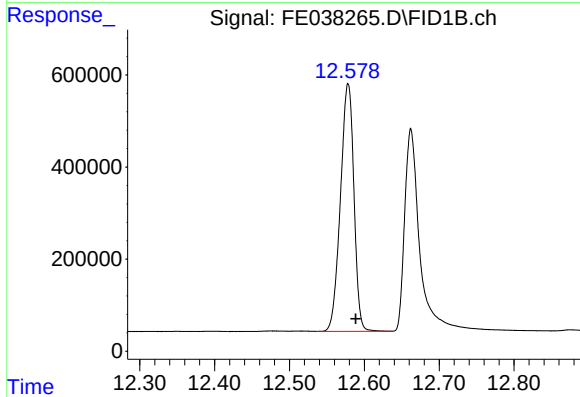
#9 ortho-Terphenyl (SURR)

R.T.: 11.600 min
Delta R.T.: -0.012 min
Response: 6776462
Conc: 39.18 ug/ml

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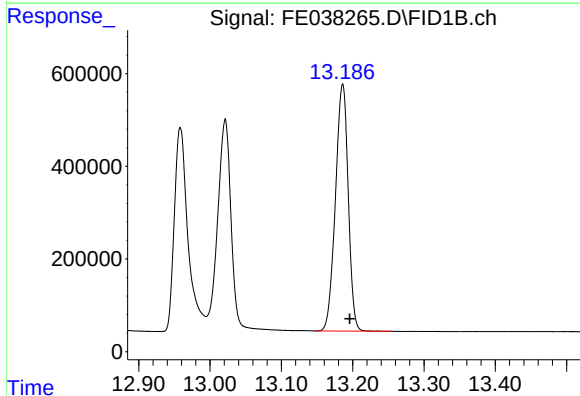
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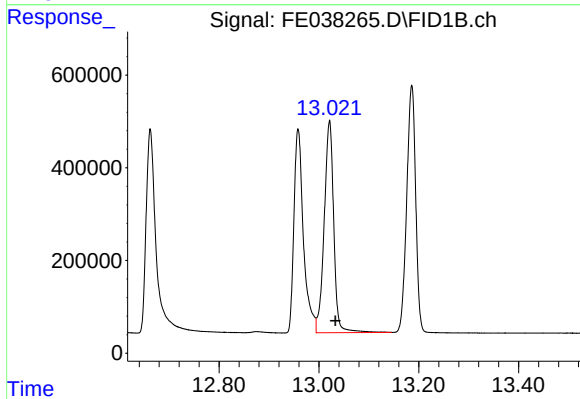
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: -0.010 min
Response: 6729034
Conc: 41.26 ug/ml



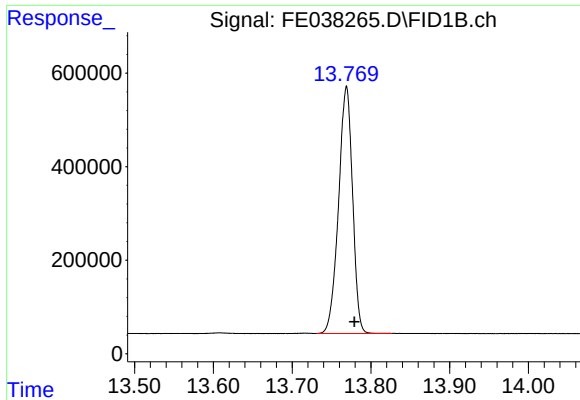
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.010 min
Response: 6632943
Conc: 40.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.012 min
Response: 6075965
Conc: 44.95 ug/ml



#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: -0.010 min
Response: 6524410
Conc: 39.63 ug/ml

Instrument :

FID_E

ClientSampleId :

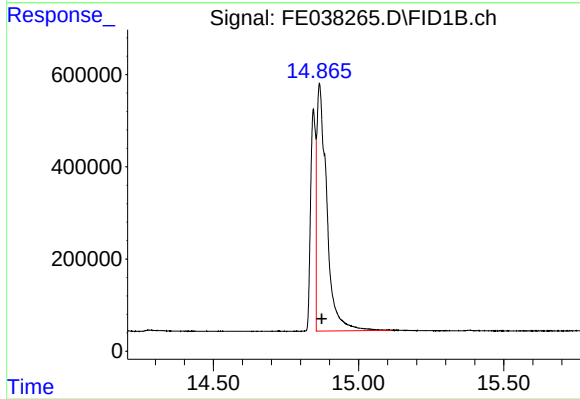
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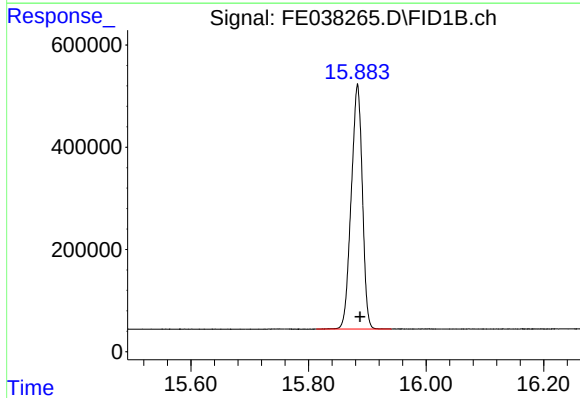
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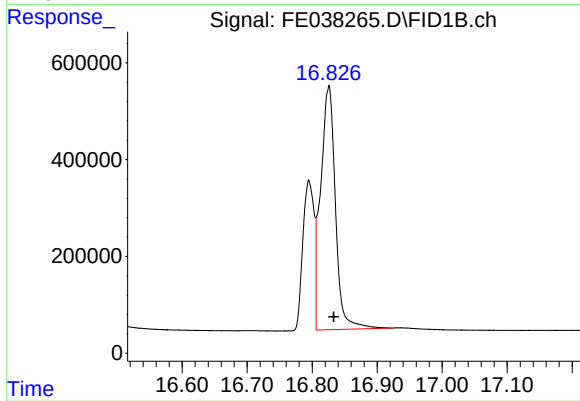
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.009 min
Response: 12871166
Conc: 78.48 ug/ml



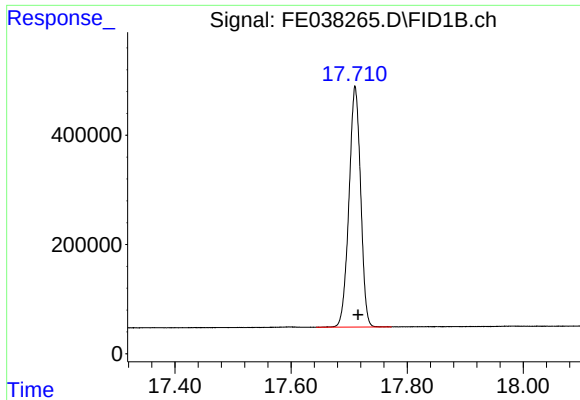
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: -0.005 min
Response: 6280321
Conc: 38.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.826 min
Delta R.T.: -0.008 min
Response: 7975182
Conc: 49.78 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: -0.005 min
Response: 6133149
Conc: 38.33 ug/ml

Instrument :

FID_E

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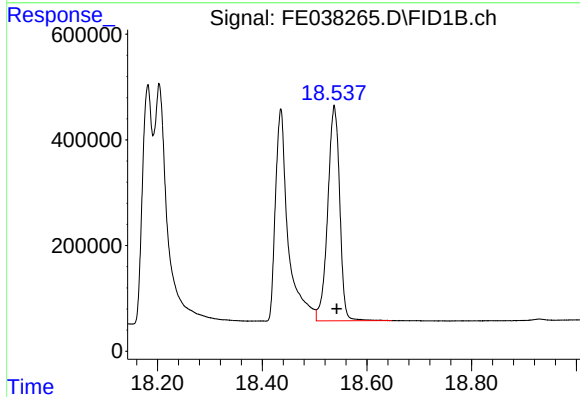
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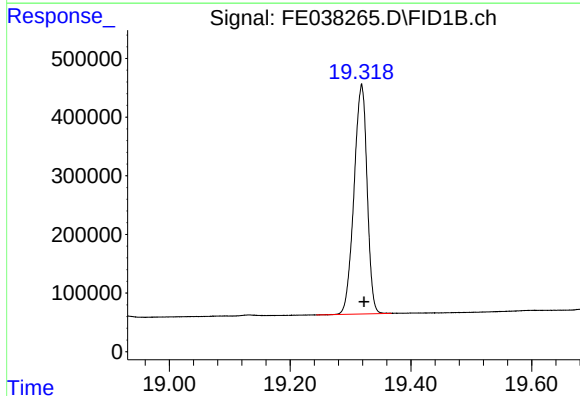
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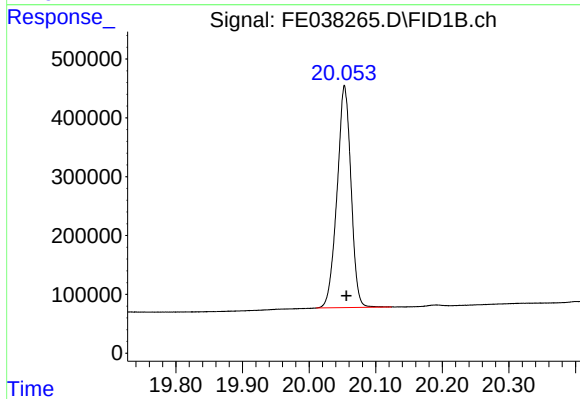
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.005 min
Response: 6469857
Conc: 41.09 ug/ml



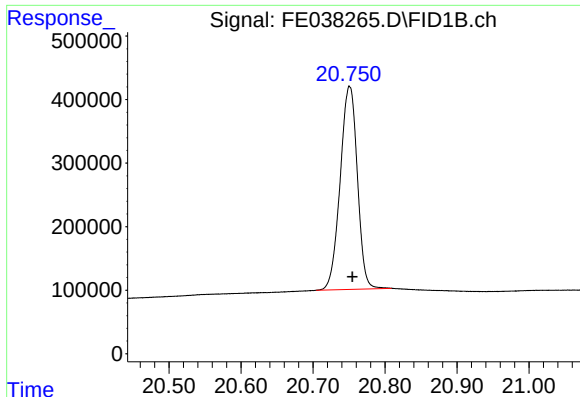
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: -0.004 min
Response: 5880236
Conc: 39.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 5490562
Conc: 38.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.005 min
Response: 5301396
Conc: 39.07 ug/ml

Instrument :

FID_E

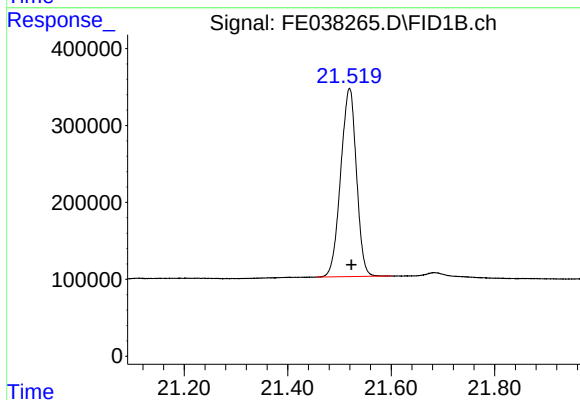
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#22 n-Tetracontane (C40)

R.T.: 21.519 min
Delta R.T.: -0.004 min
Response: 5163228
Conc: 40.56 ug/ml m