

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
 Data File : FE050838.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2024 15:46
 Operator : YP\AJ
 Sample : P4531-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-102424MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 01:35:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.859	4665590	29.594 ug/ml
Spiked Amount 50.000		Recovery =	59.19%
12) S 1-chlorooctadecane (S...	13.293	5922951	50.070 ug/mlm
Spiked Amount 50.000		Recovery =	100.14%
Target Compounds			
1) T n-Nonane (C9)	3.246	3828431	27.096 ug/ml
2) T n-Decane (C10)	4.497	4280605	29.835 ug/ml
3) T A~Naphthalene (C11.7)	6.208	5035677	35.217 ug/ml
4) T n-Dodecane (C12)	6.664	4788490	33.269 ug/ml
5) T A~2-methylnaphthalene...	7.303	5047198	38.098 ug/ml
6) T n-Tetradecane (C14)	8.492	5445541	38.063 ug/ml
7) T n-Hexadecane (C16)	10.097	5830977	39.621 ug/ml
8) T n-Octadecane (C18)	11.539	5994686	40.133 ug/ml
10) T n-Eicosane (C20)	12.848	6415874	44.741 ug/ml
11) T n-Heneicosane (C21)	13.458	5714474	40.692 ug/mlm
13) T n-Docosane (C22)	14.044	6118419	43.611 ug/mlm
14) T n-Tetracosane (C24)	15.149	14868355	105.242 ug/ml
15) T n-Hexacosane (C26)	16.167	5933544	42.167 ug/ml
16) T n-Octacosane (C28)	17.115	5912834	40.407 ug/mlm
17) T n-Tricontane (C30)	18.003	6154994	38.710 ug/ml
18) T n-Dotriacontane (C32)	18.835	6056731	37.361 ug/ml
19) T n-Tetratriacontane (C34)	19.619	6207143	42.257 ug/ml
20) T n-Hexatriacontane (C36)	20.358	5964710	47.035 ug/ml
21) T n-Octatriacontane (C38)	21.085	6349983	51.356 ug/ml
22) T n-Tetracontane (C40)	21.973	5512504	49.506 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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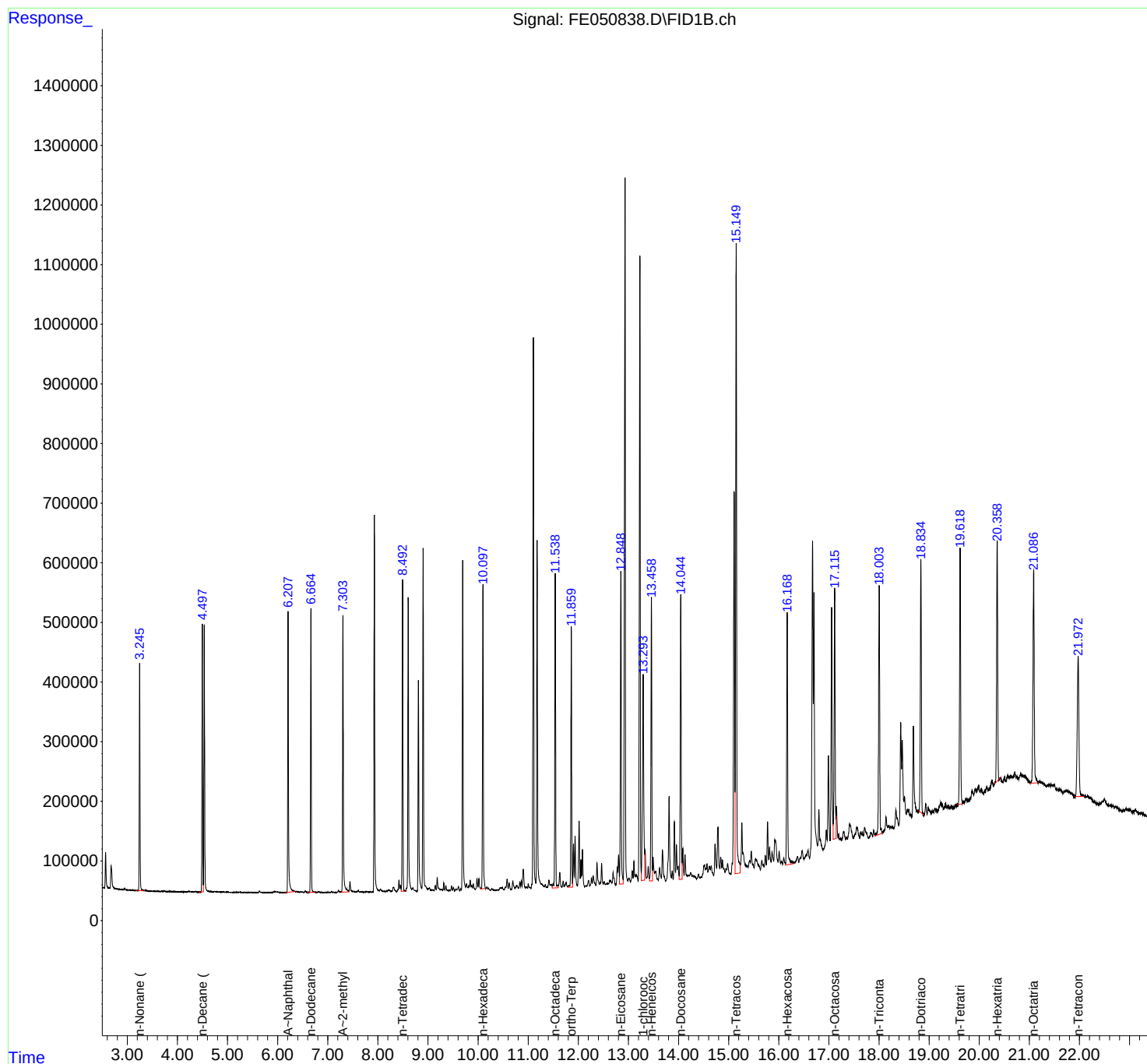
Instrument :
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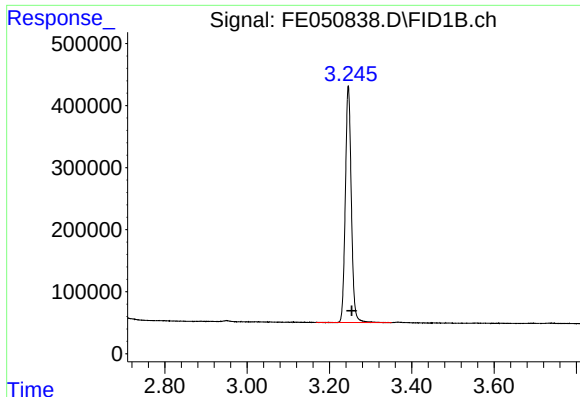
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#1 n-Nonane (C9)

R.T.: 3.246 min
Delta R.T.: -0.008 min
Response: 3828431
Conc: 27.10 ug/ml

Instrument :

FID_E

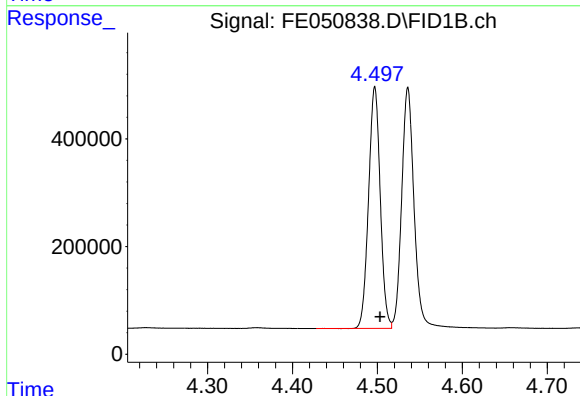
ClientSampleId :

OR-03-102424MS

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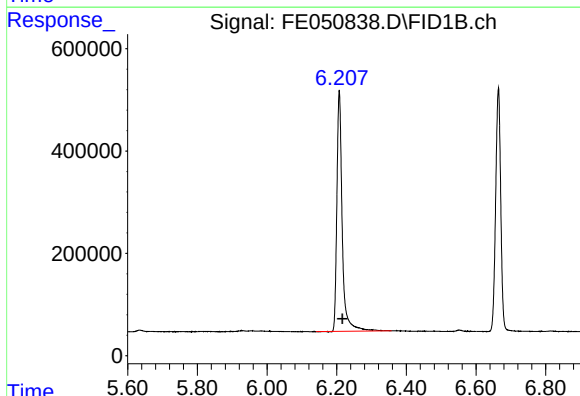
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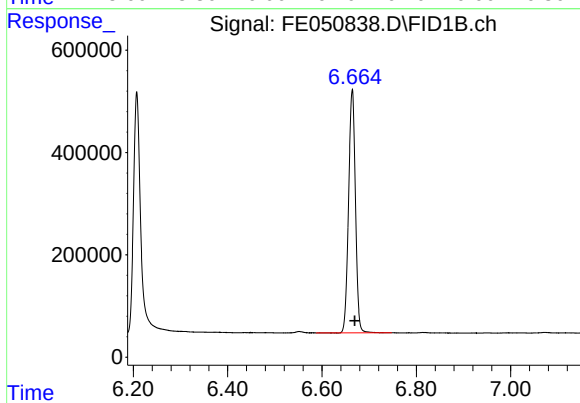
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 4280605
Conc: 29.84 ug/ml



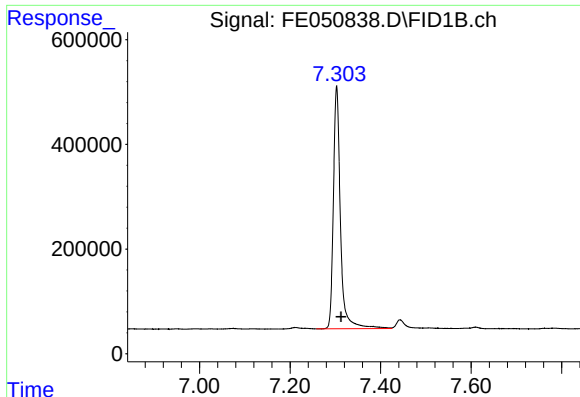
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.009 min
Response: 5035677
Conc: 35.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.006 min
Response: 4788490
Conc: 33.27 ug/ml



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

R.T.: 7.303 min
Delta R.T.: -0.010 min
Response: 5047198
Conc: 38.10 ug/ml

Instrument :

FID_E

ClientSampleId :

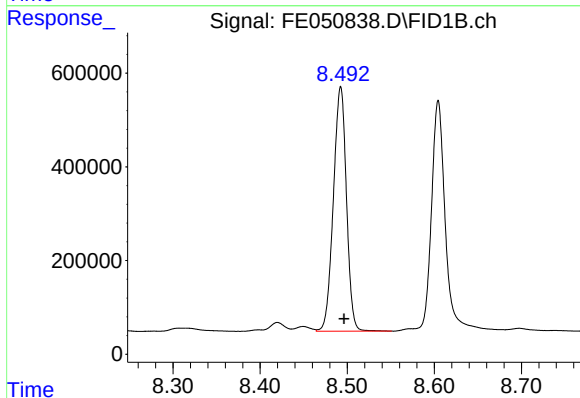
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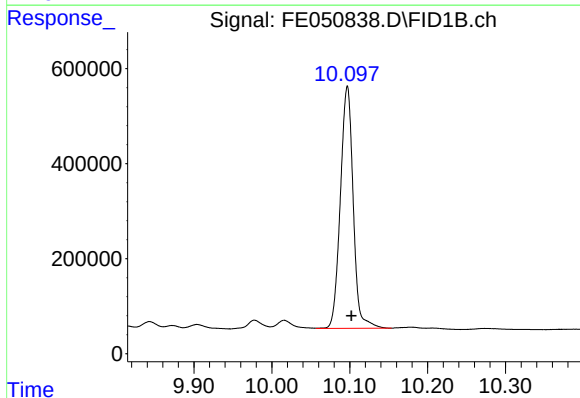
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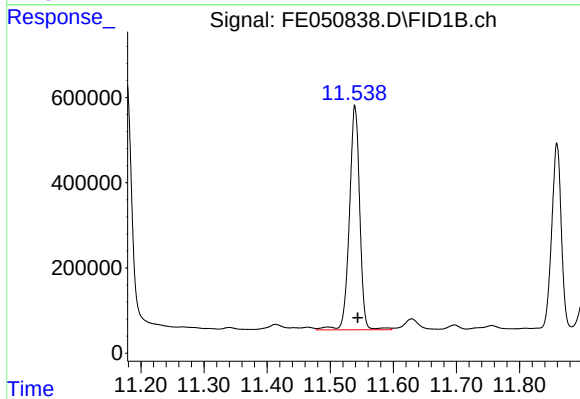
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 5445541
Conc: 38.06 ug/ml



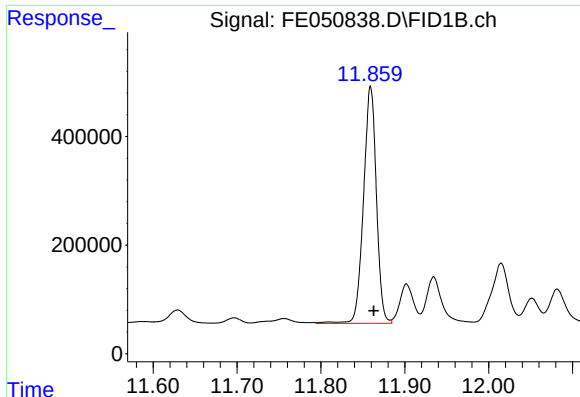
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.006 min
Response: 5830977
Conc: 39.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.539 min
Delta R.T.: -0.005 min
Response: 5994686
Conc: 40.13 ug/ml



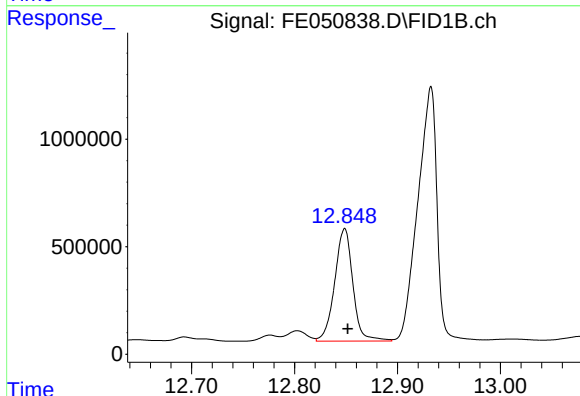
#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: -0.004 min
Response: 4665590
Conc: 29.59 ug/ml

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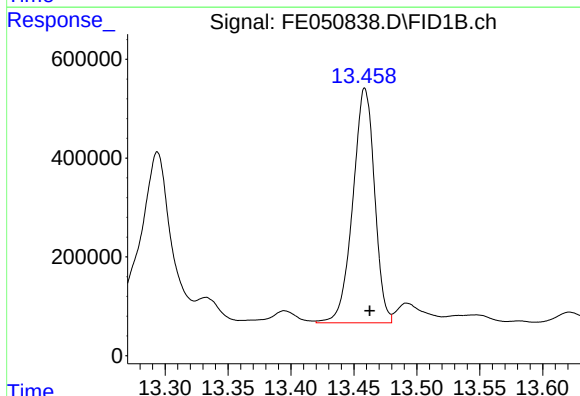
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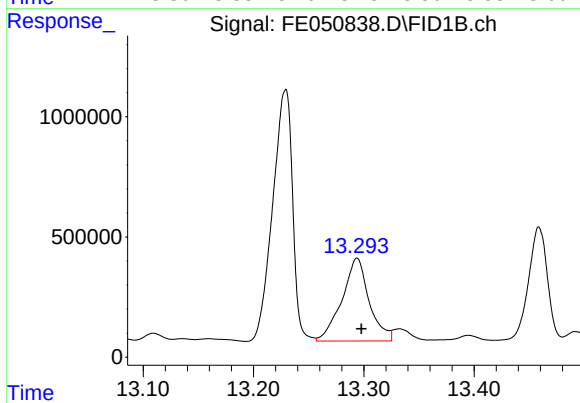
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.003 min
Response: 6415874
Conc: 44.74 ug/ml



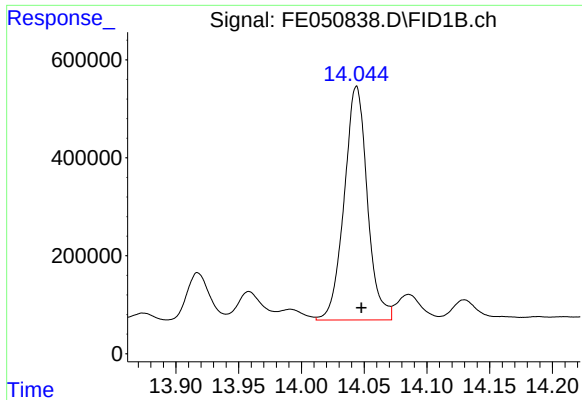
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.005 min
Response: 5714474
Conc: 40.69 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.005 min
Response: 5922951
Conc: 50.07 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.044 min
Delta R.T.: -0.004 min
Response: 6118419
Conc: 43.61 ug/ml

Instrument :

FID_E

ClientSampleId :

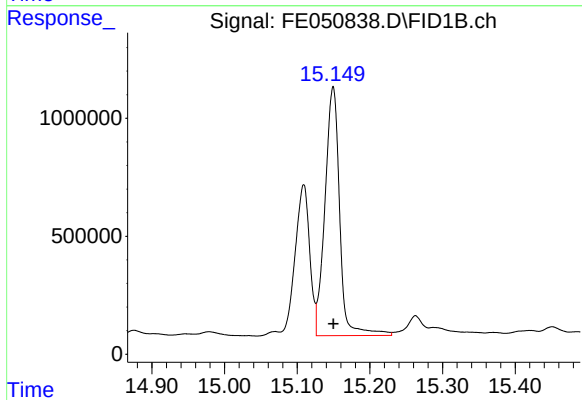
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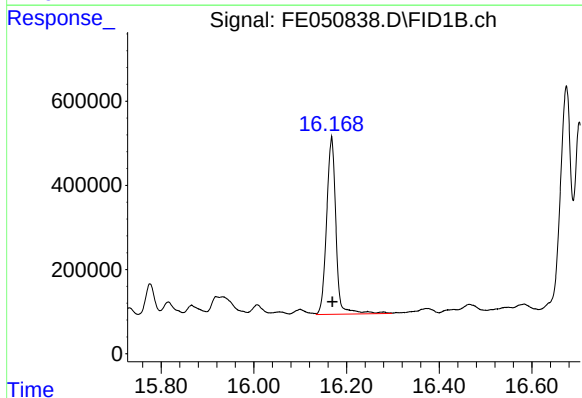
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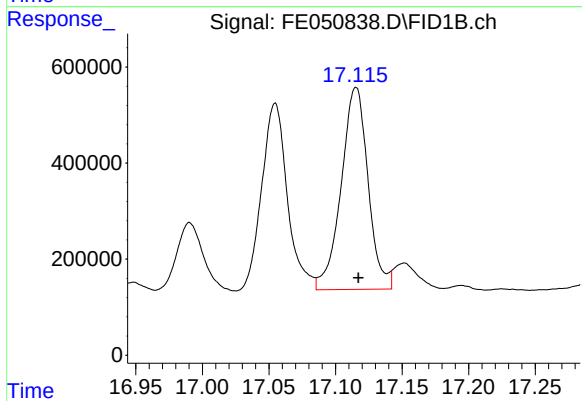
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.001 min
Response: 14868355
Conc: 105.24 ug/ml



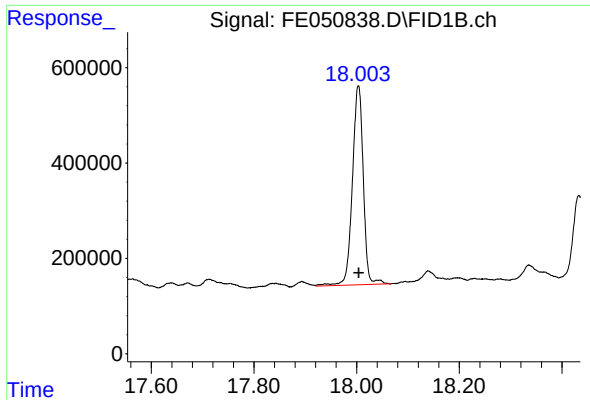
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.002 min
Response: 5933544
Conc: 42.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.115 min
Delta R.T.: -0.002 min
Response: 5912834
Conc: 40.41 ug/ml m



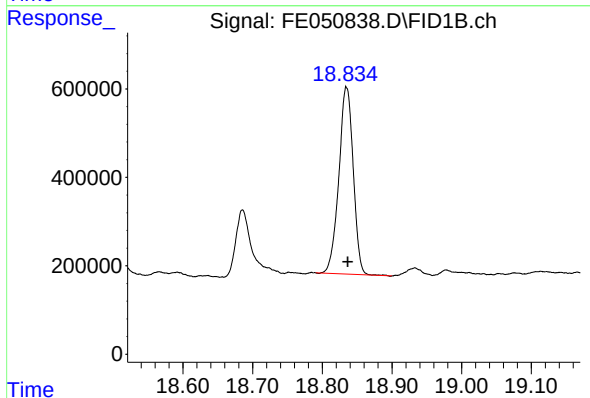
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.001 min
Response: 6154994
Conc: 38.71 ug/ml

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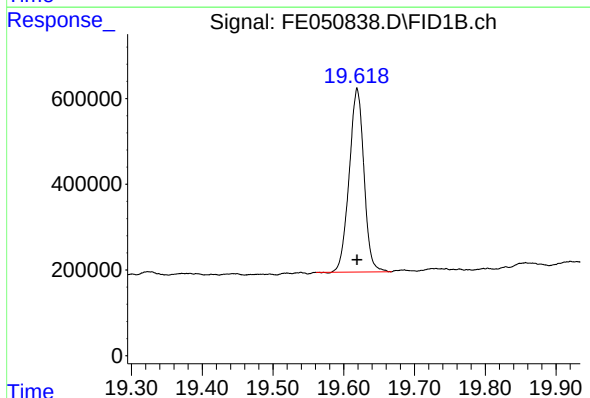
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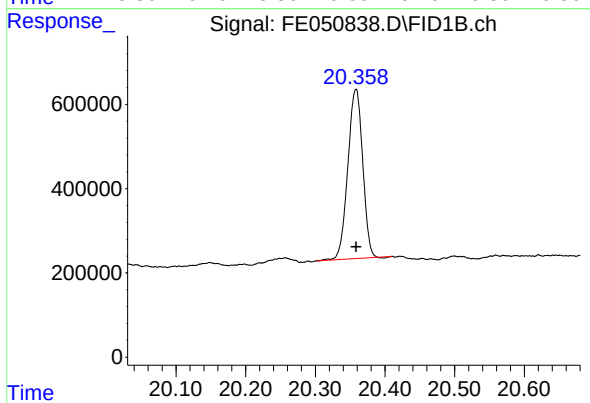
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.002 min
Response: 6056731
Conc: 37.36 ug/ml



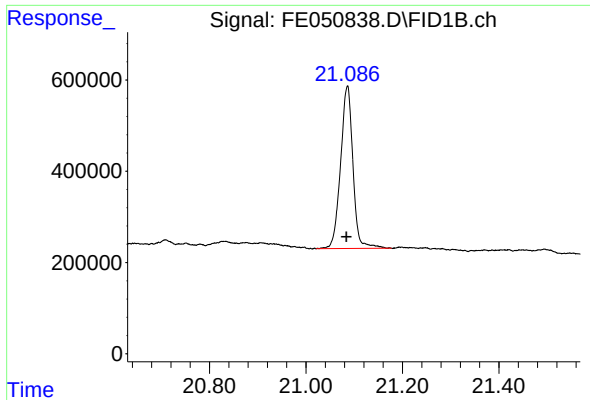
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 6207143
Conc: 42.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: 0.000 min
Response: 5964710
Conc: 47.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: 0.000 min
Response: 6349983
Conc: 51.36 ug/ml

Instrument :

FID_E

ClientSampleId :

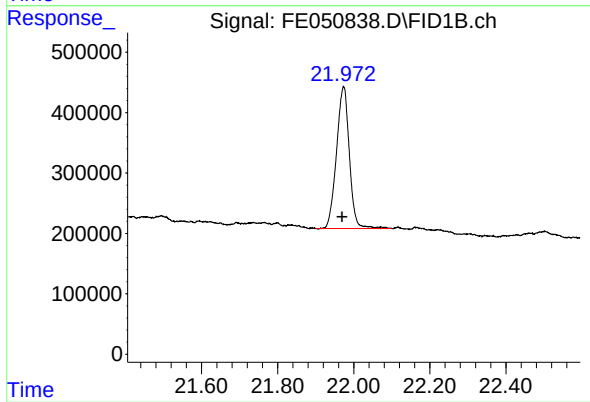
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#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: 0.003 min
Response: 5512504
Conc: 49.51 ug/ml