

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038733.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2022 02:30
 Operator : YP\AJ
 Sample : N5554-03MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT3249MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 11 03:48:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.975	7279582	42.306 ug/mlm
Spiked Amount 50.000		Recovery =	84.61%
12) S 1-chlorooctadecane (S...	13.407	4902971	35.814 ug/mlm
Spiked Amount 50.000		Recovery =	71.63%
Target Compounds			
1) T n-Nonane (C9)	3.357	3955523	25.683 ug/ml
2) T n-Decane (C10)	4.608	4473645	28.821 ug/mlm
3) T A~Naphthalene (C11.7)	6.311	5249046	30.995 ug/ml
4) T n-Dodecane (C12)	6.770	5333185	34.140 ug/ml
5) T A~2-methylnaphthalene...	7.405	5329791	31.803 ug/mlm
6) T n-Tetradecane (C14)	8.599	6209965	39.709 ug/mlm
7) T n-Hexadecane (C16)	10.210	5932649	37.551 ug/mlm
8) T n-Octadecane (C18)	11.656	6096813	38.062 ug/mlm
10) T n-Eicosane (C20)	12.964	6251272	38.797 ug/mlm
11) T n-Heneicosane (C21)	13.575	5822537	36.045 ug/mlm
13) T n-Docosane (C22)	14.160	5966913	36.960 ug/mlm
14) T n-Tetracosane (C24)	15.253	11145776	69.488 ug/mlm
15) T n-Hexacosane (C26)	16.278	5624305	35.410 ug/mlm
16) T n-Octacosane (C28)	17.224	5835541	37.195 ug/ml
17) T n-Tricontane (C30)	18.110	5421562	33.979 ug/ml
18) T n-Dotriacontane (C32)	18.942	5837097	37.021 ug/ml
19) T n-Tetratriacontane (C34)	19.723	5769396	39.135 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	5739431	40.168 ug/ml
21) T n-Octatriacontane (C38)	21.207	6131604	45.398 ug/ml
22) T n-Tetracontane (C40)	22.132	6505909	51.540 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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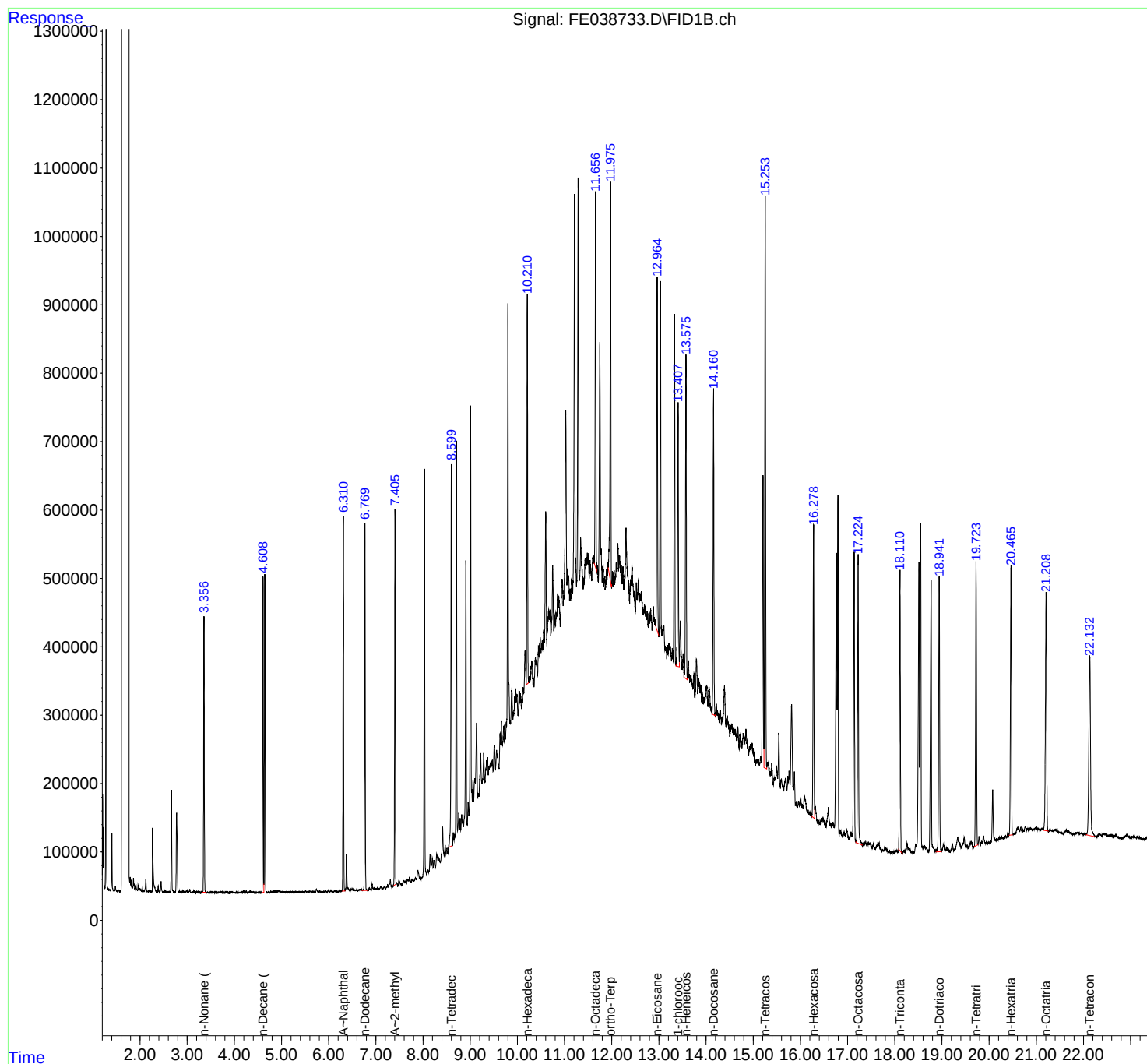
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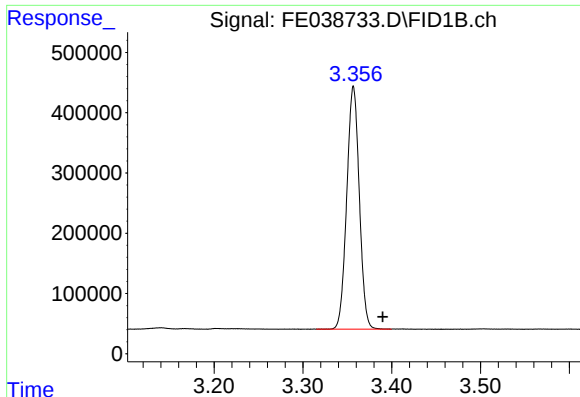
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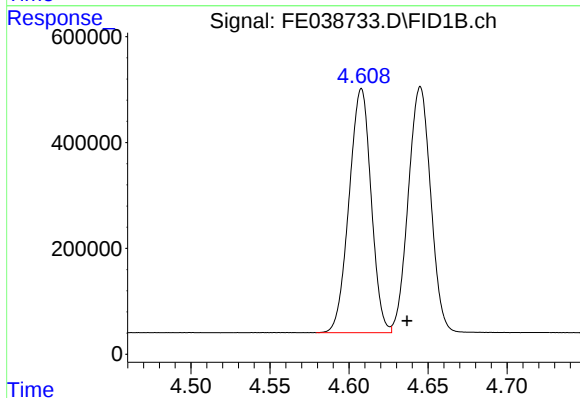
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.033 min
Response: 3955523
Conc: 25.68 ug/ml

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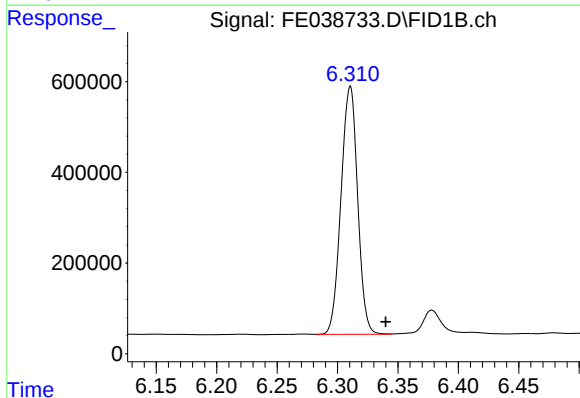
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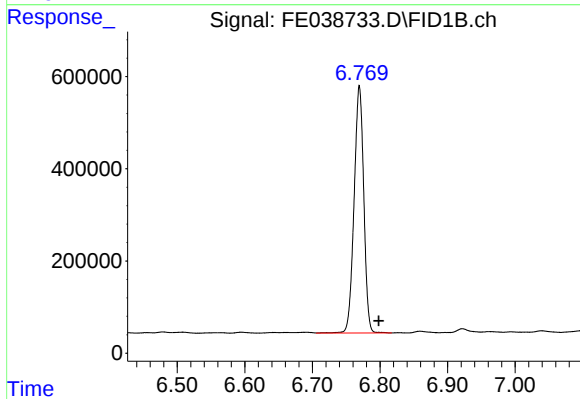
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.029 min
Response: 4473645
Conc: 28.82 ug/ml m



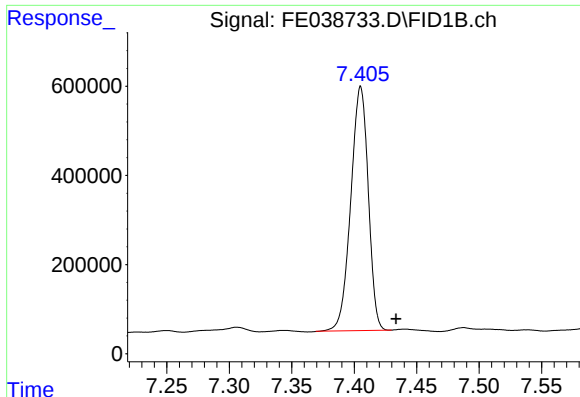
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.029 min
Response: 5249046
Conc: 30.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.029 min
Response: 5333185
Conc: 34.14 ug/ml



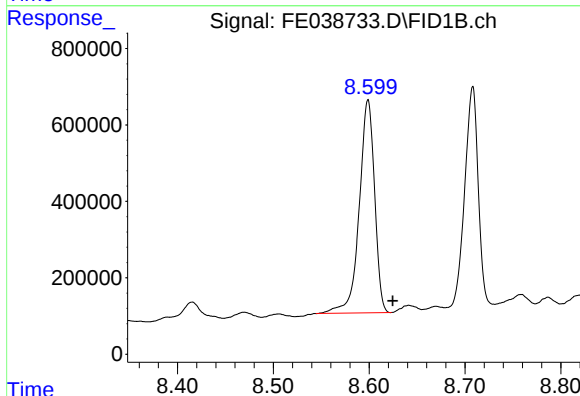
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: -0.029 min
Response: 5329791
Conc: 31.80 ug/ml

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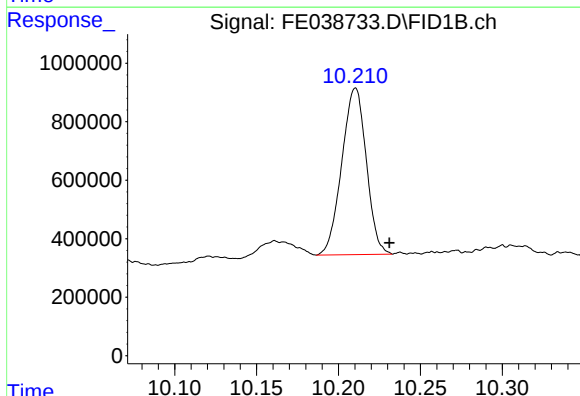
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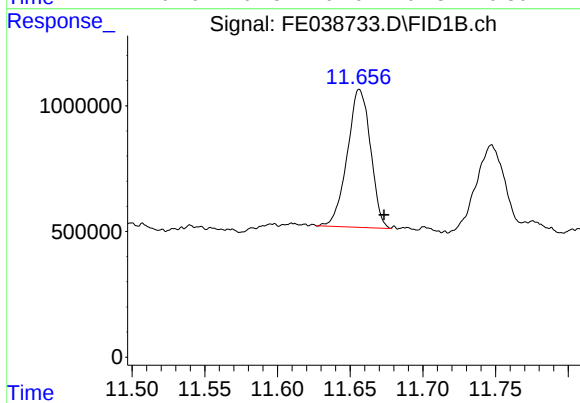
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.026 min
Response: 6209965
Conc: 39.71 ug/ml m



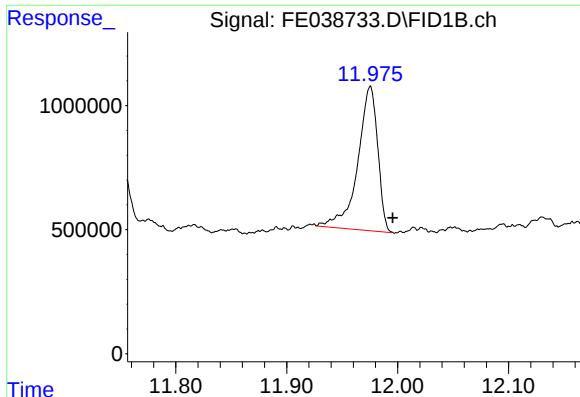
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.021 min
Response: 5932649
Conc: 37.55 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: -0.017 min
Response: 6096813
Conc: 38.06 ug/ml m



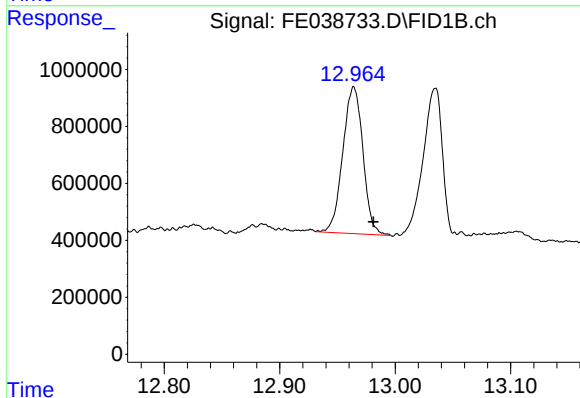
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.020 min
Response: 7279582
Conc: 42.31 ug/ml

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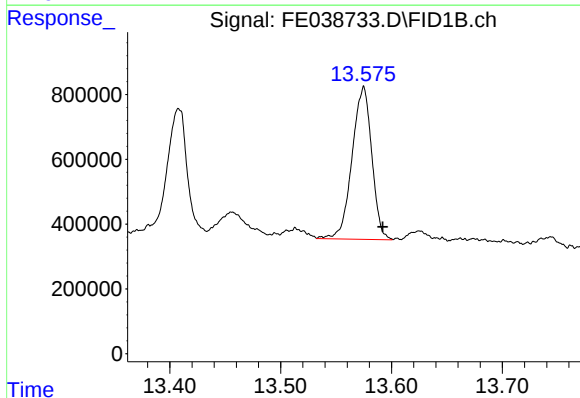
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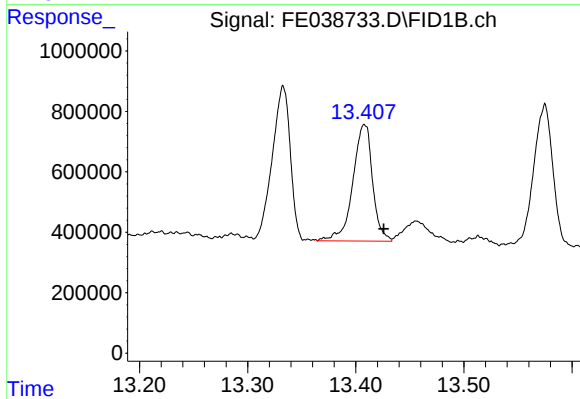
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.018 min
Response: 6251272
Conc: 38.80 ug/ml m



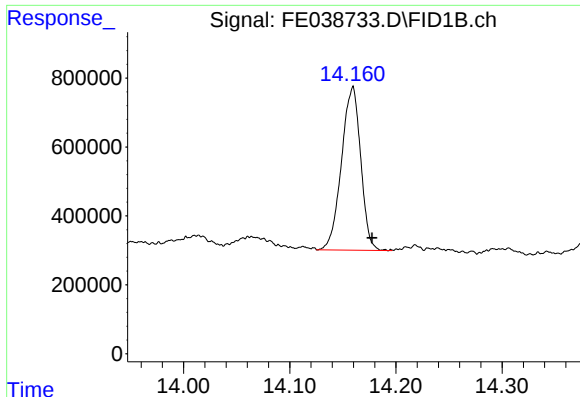
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.017 min
Response: 5822537
Conc: 36.05 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: -0.018 min
Response: 4902971
Conc: 35.81 ug/ml m



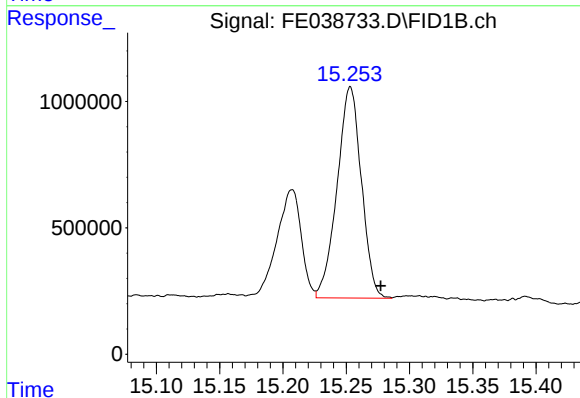
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.018 min
Response: 5966913
Conc: 36.96 ug/ml

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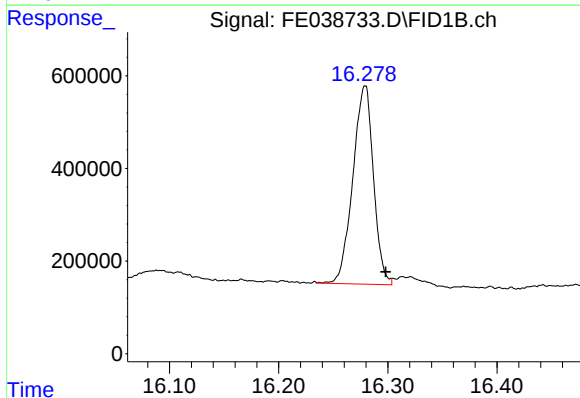
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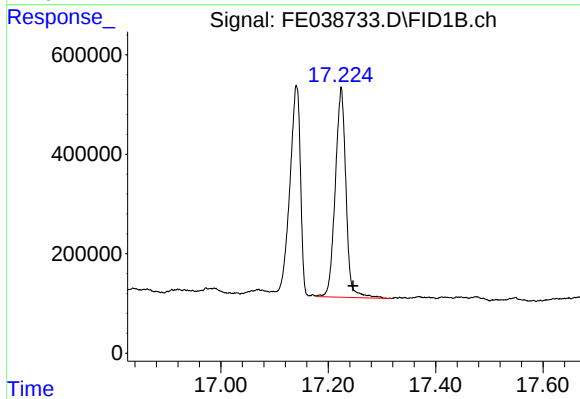
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: -0.024 min
Response: 11145776
Conc: 69.49 ug/ml m



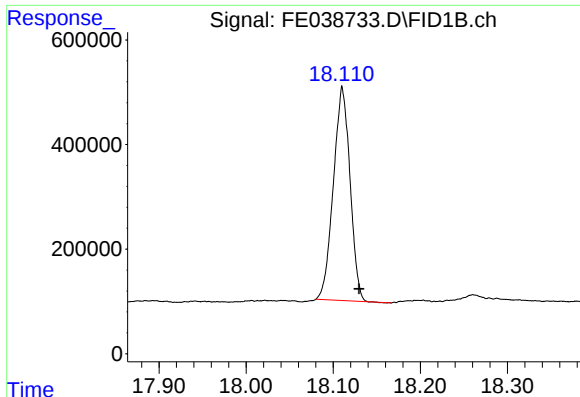
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.020 min
Response: 5624305
Conc: 35.41 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.022 min
Response: 5835541
Conc: 37.19 ug/ml



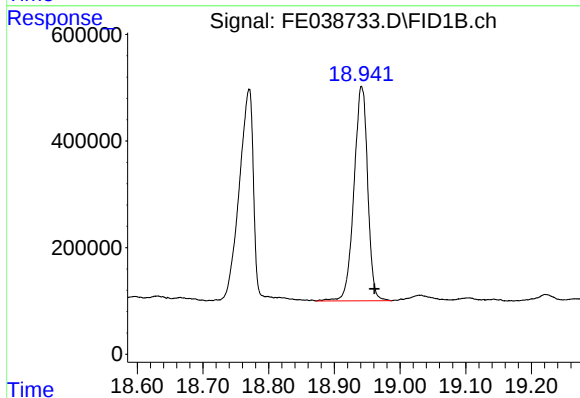
#17 n-Tricontane (C30)

R.T.: 18.110 min
Delta R.T.: -0.019 min
Response: 5421562
Conc: 33.98 ug/ml

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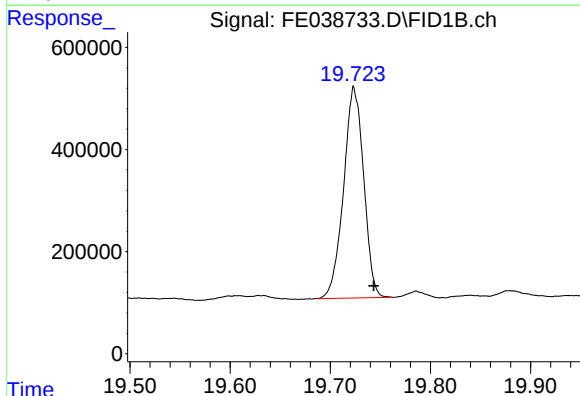
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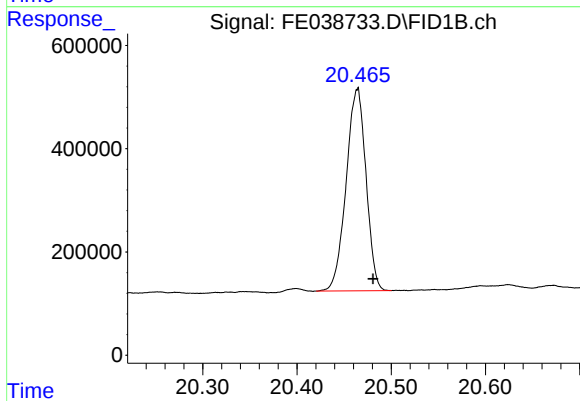
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.020 min
Response: 5837097
Conc: 37.02 ug/ml



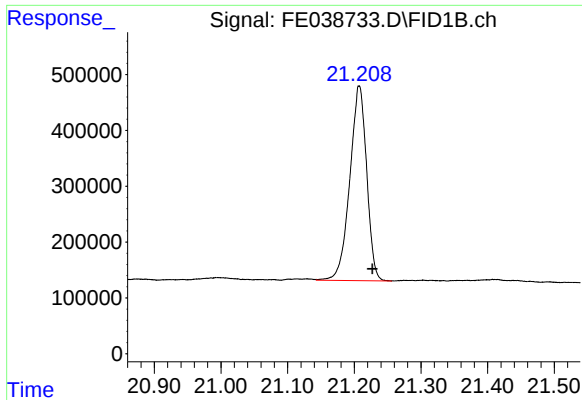
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.021 min
Response: 5769396
Conc: 39.13 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.016 min
Response: 5739431
Conc: 40.17 ug/ml



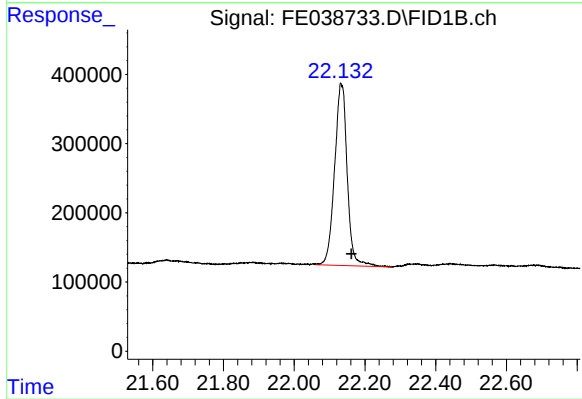
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 6131604
Conc: 45.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.030 min
Response: 6505909
Conc: 51.54 ug/ml