

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038734.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2022 03:01
 Operator : YP\AJ
 Sample : N5554-03MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT3249MSD

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 03:48:39 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	7244196	42.100 ug/mlm
Spiked Amount 50.000		Recovery =	84.20%
12) S 1-chlorooctadecane (S...	13.408	4718198	34.464 ug/mlm
Spiked Amount 50.000		Recovery =	68.93%
Target Compounds			
1) T n-Nonane (C9)	3.358	3951942	25.660 ug/ml
2) T n-Decane (C10)	4.608	4462098	28.747 ug/mlm
3) T A~Naphthalene (C11.7)	6.311	5261628	31.069 ug/ml
4) T n-Dodecane (C12)	6.770	5338080	34.171 ug/ml
5) T A~2-methylnaphthalene...	7.406	5461431	32.589 ug/mlm
6) T n-Tetradecane (C14)	8.600	6198323	39.634 ug/mlm
7) T n-Hexadecane (C16)	10.210	5990630	37.918 ug/mlm
8) T n-Octadecane (C18)	11.657	6103652	38.105 ug/mlm
10) T n-Eicosane (C20)	12.966	6148026	38.156 ug/mlm
11) T n-Heneicosane (C21)	13.575	5695170	35.257 ug/mlm
13) T n-Docosane (C22)	14.159	5977868	37.028 ug/mlm
14) T n-Tetracosane (C24)	15.253	11444211	71.349 ug/ml
15) T n-Hexacosane (C26)	16.278	5640270	35.510 ug/mlm
16) T n-Octacosane (C28)	17.224	5577069	35.548 ug/mlm
17) T n-Tricontane (C30)	18.113	5605162	35.129 ug/mlm
18) T n-Dotriacontane (C32)	18.942	5864201	37.193 ug/ml
19) T n-Tetratriacontane (C34)	19.727	5816489	39.454 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	5776473	40.428 ug/ml
21) T n-Octatriacontane (C38)	21.206	6151062	45.542 ug/ml
22) T n-Tetracontane (C40)	22.134	6544455	51.846 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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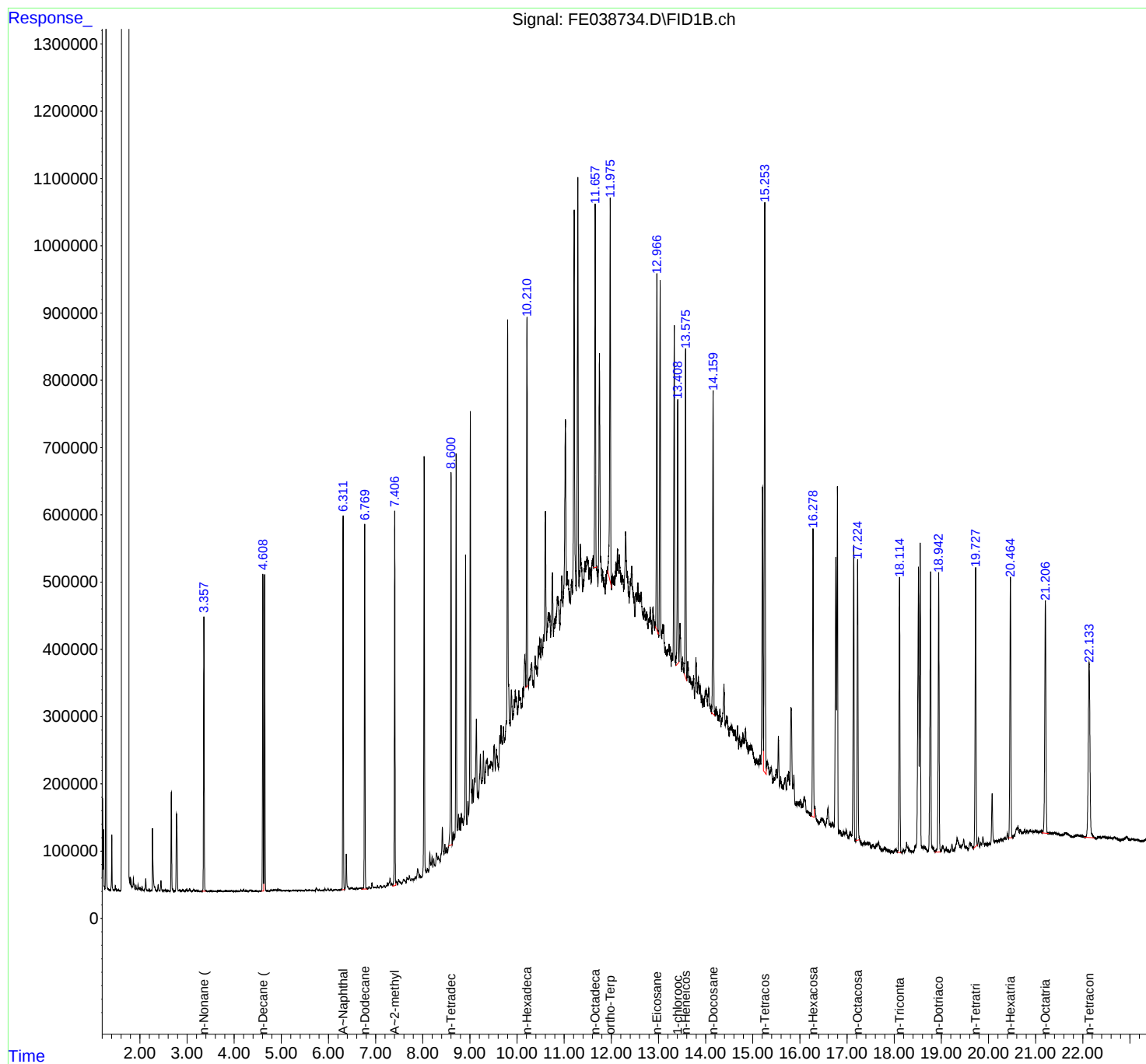
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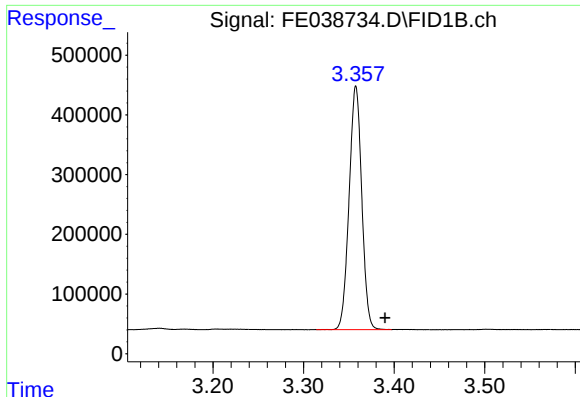
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#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.032 min
Response: 3951942
Conc: 25.66 ug/ml

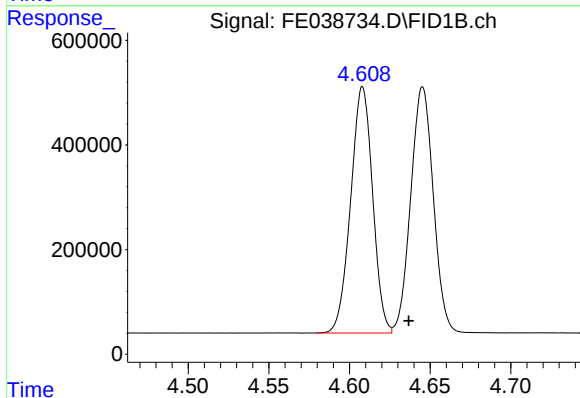
Instrument :

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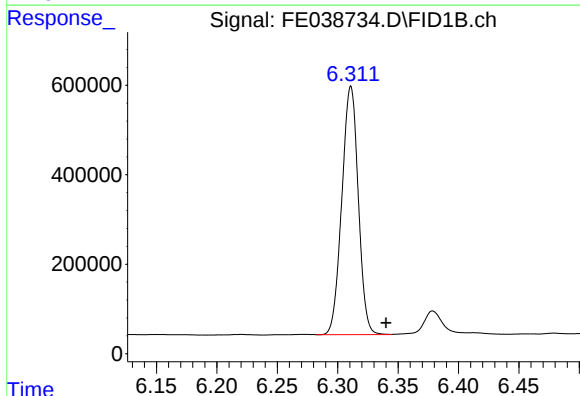
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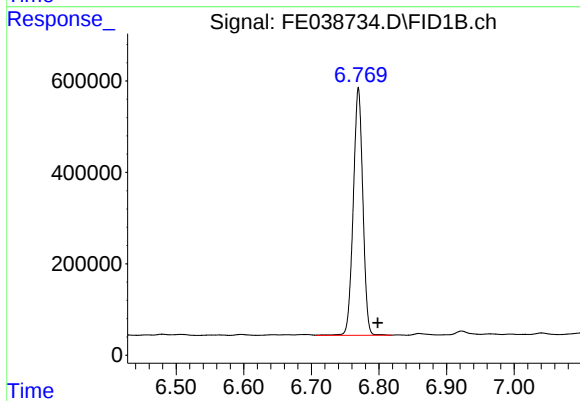
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.029 min
Response: 4462098
Conc: 28.75 ug/ml m



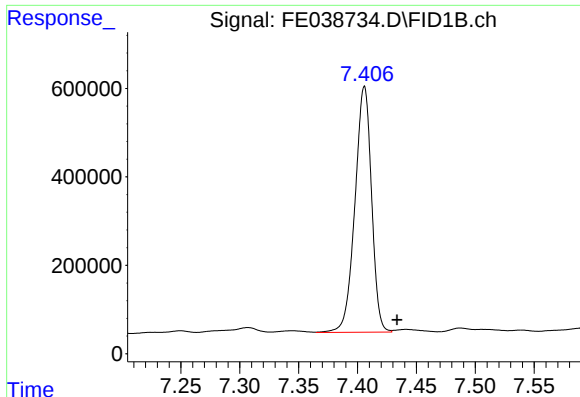
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.029 min
Response: 5261628
Conc: 31.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.029 min
Response: 5338080
Conc: 34.17 ug/ml



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

R.T.: 7.406 min
Delta R.T.: -0.028 min
Response: 5461431
Conc: 32.59 ug/ml

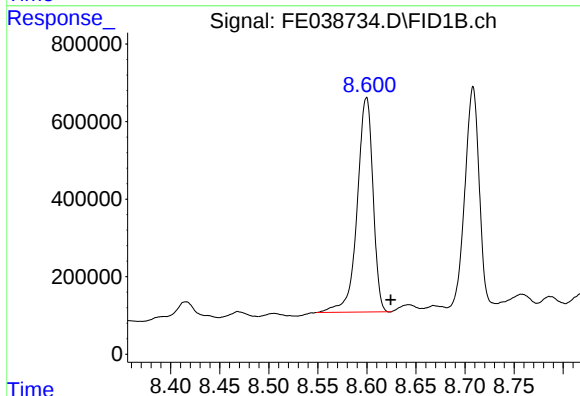
Instrument :

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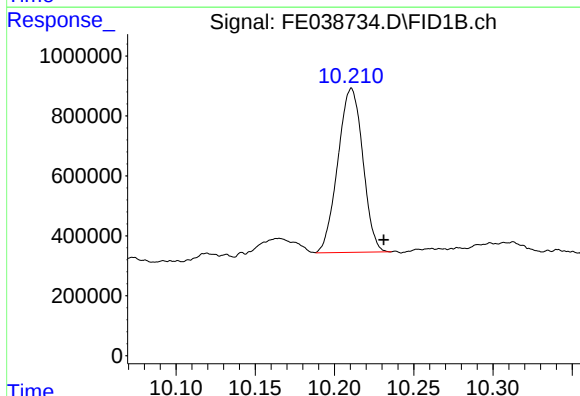
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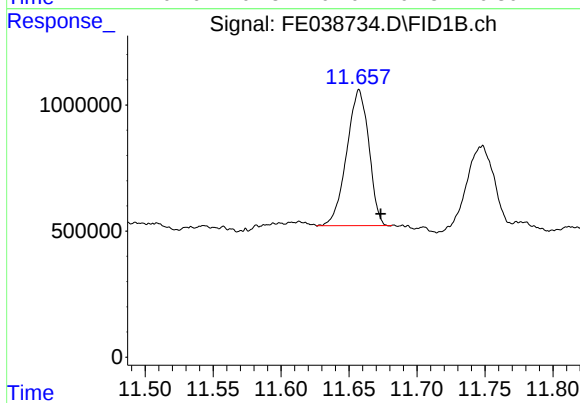
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.025 min
Response: 6198323
Conc: 39.63 ug/ml m



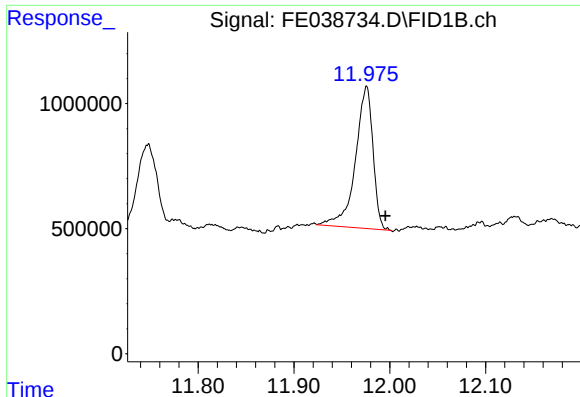
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.021 min
Response: 5990630
Conc: 37.92 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: -0.016 min
Response: 6103652
Conc: 38.11 ug/ml m



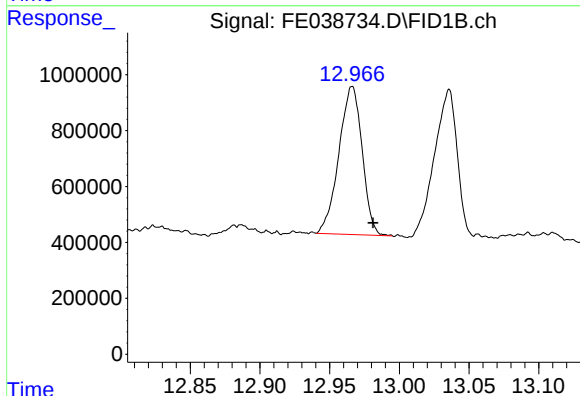
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.020 min
Response: 7244196
Conc: 42.10 ug/ml

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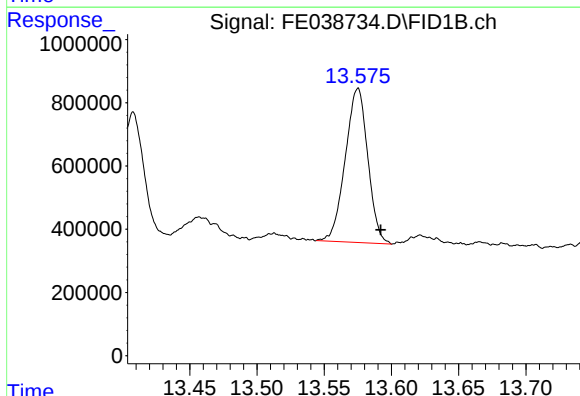
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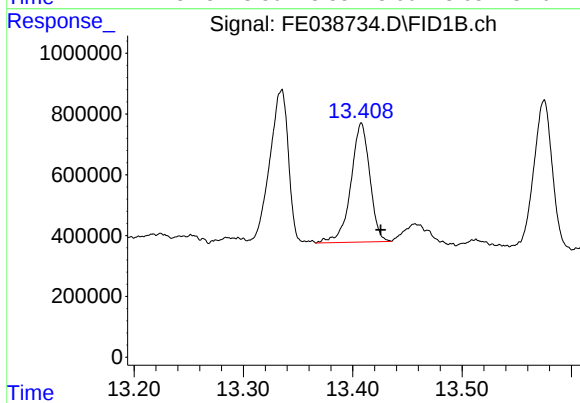
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.015 min
Response: 6148026
Conc: 38.16 ug/ml m



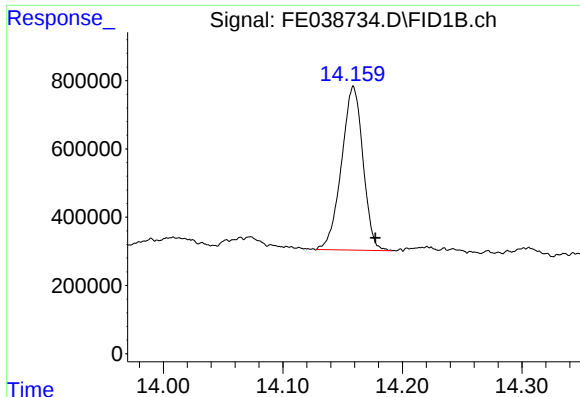
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.017 min
Response: 5695170
Conc: 35.26 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: -0.018 min
Response: 4718198
Conc: 34.46 ug/ml m



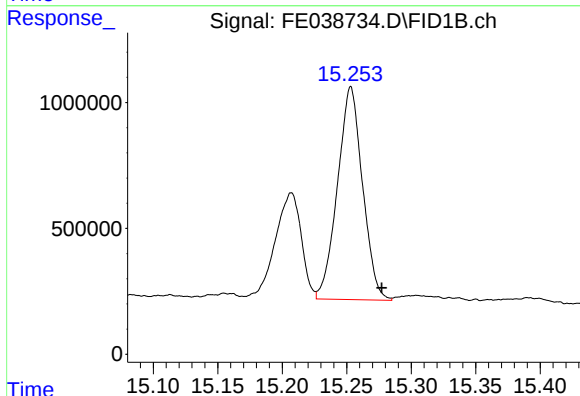
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.019 min
Response: 5977868
Conc: 37.03 ug/ml

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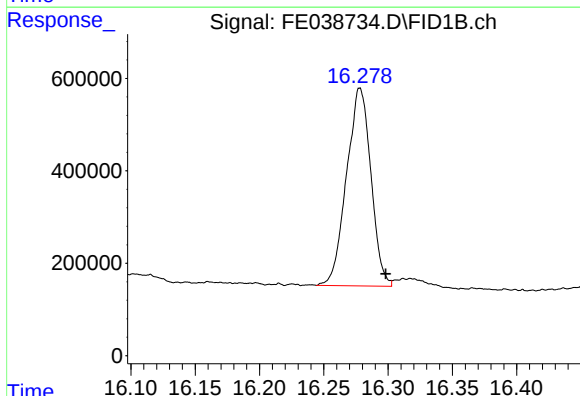
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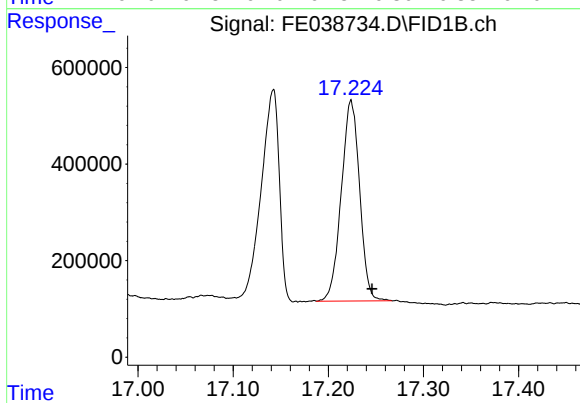
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: -0.024 min
Response: 11444211
Conc: 71.35 ug/ml



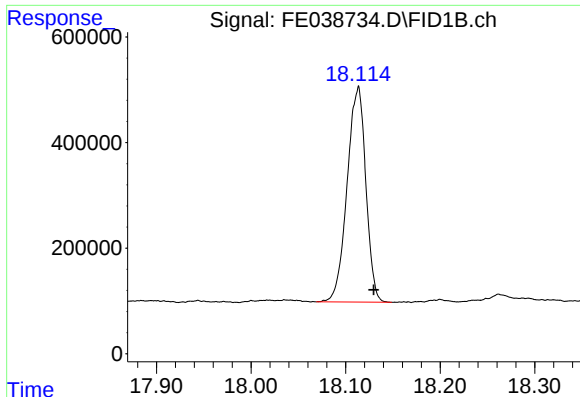
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.020 min
Response: 5640270
Conc: 35.51 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.022 min
Response: 5577069
Conc: 35.55 ug/ml m



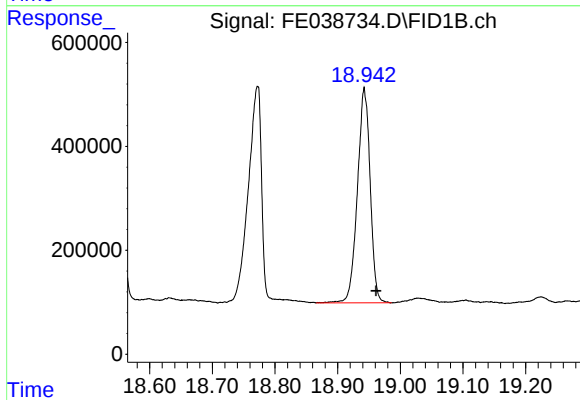
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: -0.016 min
Response: 5605162
Conc: 35.13 ug/ml

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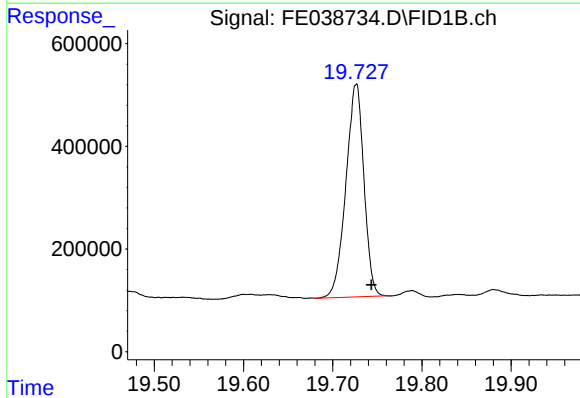
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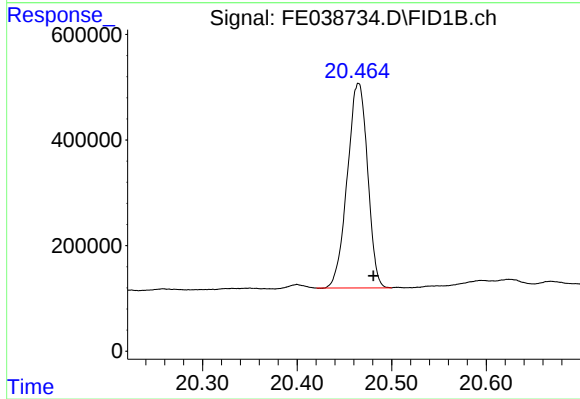
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.019 min
Response: 5864201
Conc: 37.19 ug/ml



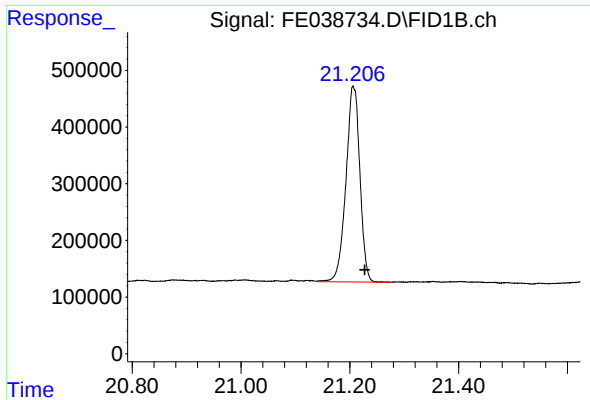
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.017 min
Response: 5816489
Conc: 39.45 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.016 min
Response: 5776473
Conc: 40.43 ug/ml



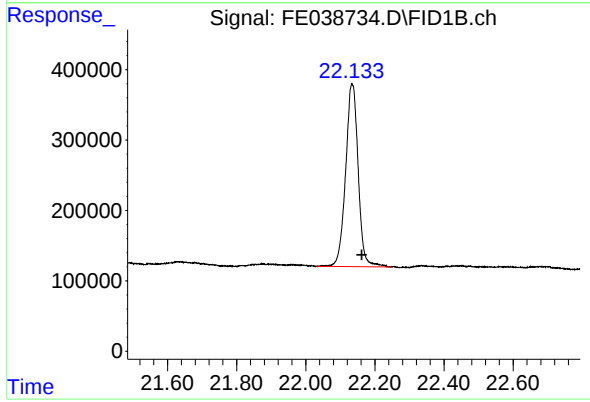
#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.021 min
Response: 6151062
Conc: 45.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.134 min
Delta R.T.: -0.028 min
Response: 6544455
Conc: 51.85 ug/ml