

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110322AL\
 Data File : FE038531.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2022 12:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 05:30:34 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)	11.961	3227775	18.758 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
12) S 1-chlorooctadecane (S...	13.395	2525597	18.448 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T n-Nonane (C9)	3.362	3126879	20.303 ug/ml
2) T n-Decane (C10)	4.610	3159947	20.358 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3352920	19.798 ug/ml
4) T n-Dodecane (C12)	6.771	3157314	20.211 ug/ml
5) T A~2-methylnaphthalene...	7.404	3267962	19.500 ug/ml
6) T n-Tetradecane (C14)	8.595	3124849	19.981 ug/ml
7) T n-Hexadecane (C16)	10.201	3110582	19.689 ug/ml
8) T n-Octadecane (C18)	11.642	3094392	19.318 ug/ml
10) T n-Eicosane (C20)	12.950	3035390	18.838 ug/ml
11) T n-Heneicosane (C21)	13.561	3005441	18.606 ug/ml
13) T n-Docosane (C22)	14.146	2983487	18.480 ug/ml
14) T n-Tetracosane (C24)	15.248	2903122	18.099 ug/ml
15) T n-Hexacosane (C26)	16.267	2852178	17.957 ug/ml
16) T n-Octacosane (C28)	17.214	2843899	18.127 ug/ml
17) T n-Tricontane (C30)	18.100	2988189	18.728 ug/mlm
18) T n-Dotriacontane (C32)	18.933	3075758	19.508 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2947463	19.993 ug/mlm
20) T n-Hexatriacontane (C36)	20.454	2944068	20.604 ug/ml
21) T n-Octatriacontane (C38)	21.194	3024667	22.394 ug/ml
22) T n-Tetracontane (C40)	22.117	3072992	24.344 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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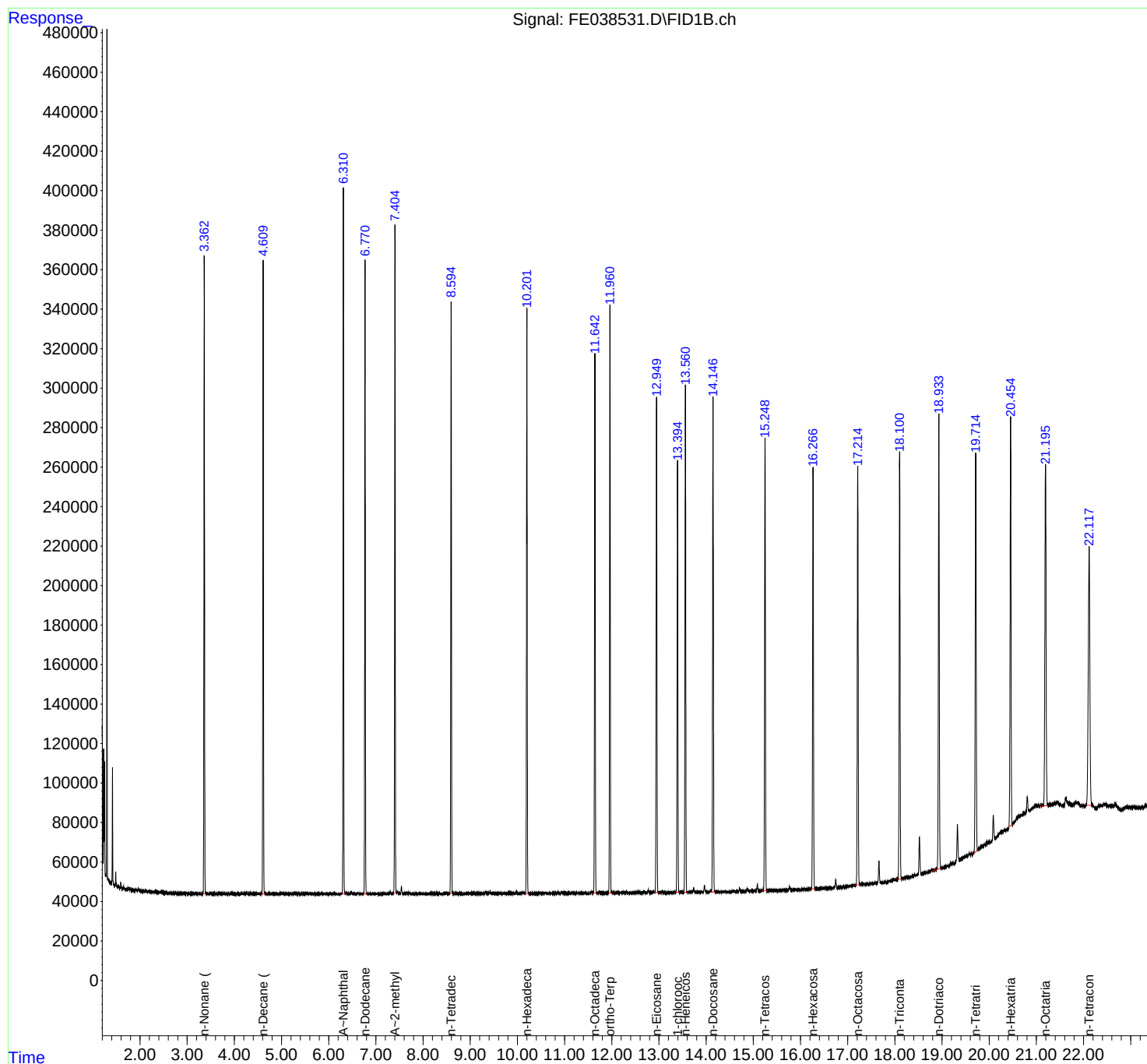
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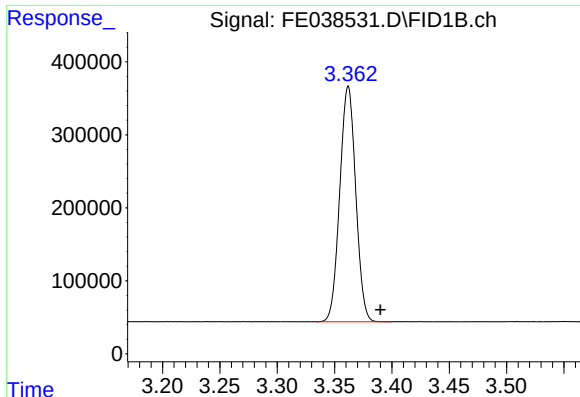
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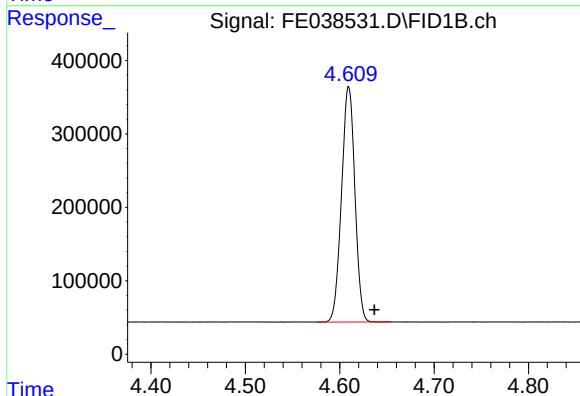
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.028 min
Response: 3126879
Conc: 20.30 ug/ml

Instrument :
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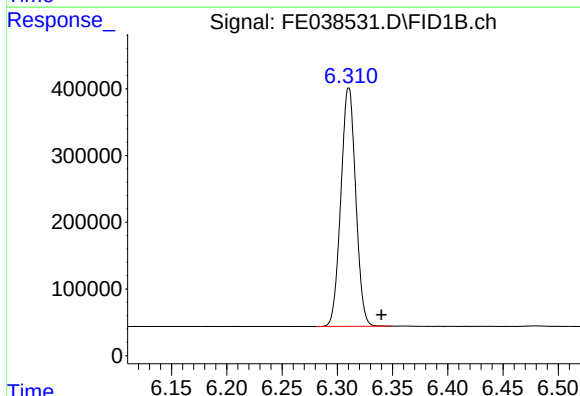
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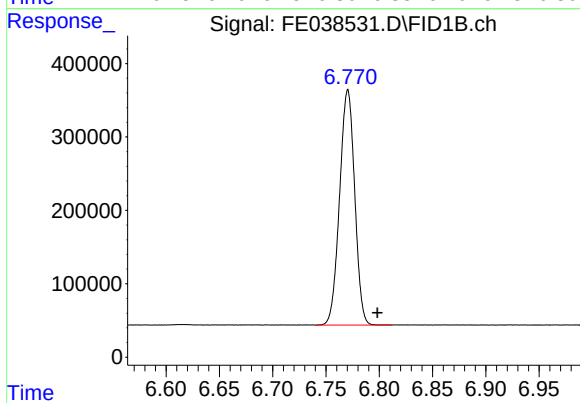
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.027 min
Response: 3159947
Conc: 20.36 ug/ml



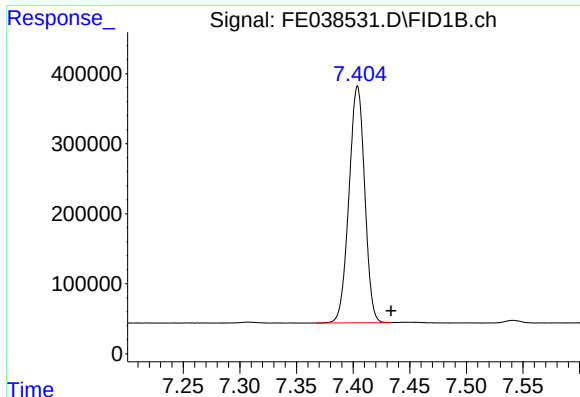
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.030 min
Response: 3352920
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.028 min
Response: 3157314
Conc: 20.21 ug/ml



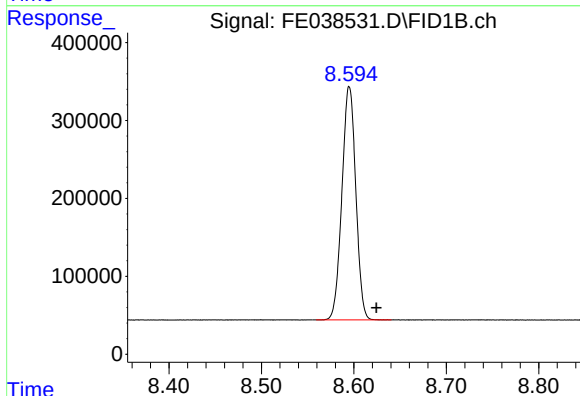
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: -0.030 min
Response: 3267962
Conc: 19.50 ug/ml

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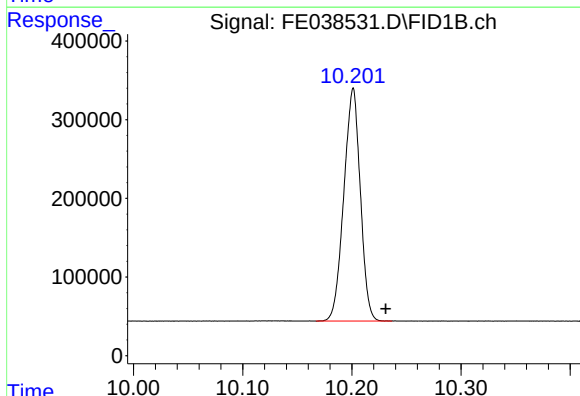
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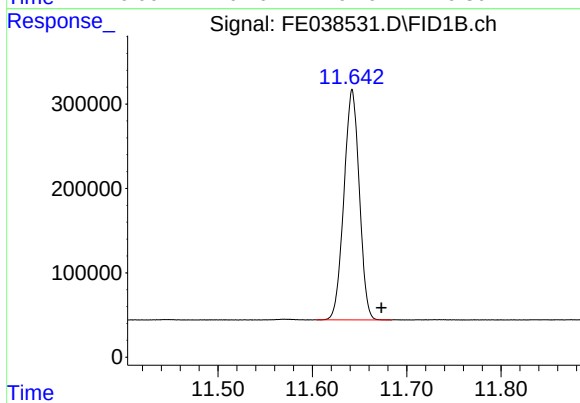
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.029 min
Response: 3124849
Conc: 19.98 ug/ml



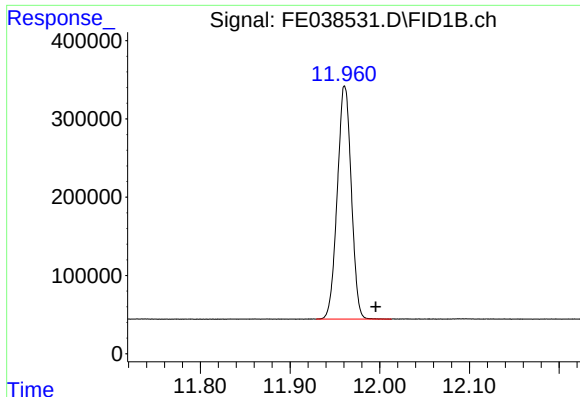
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.030 min
Response: 3110582
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.031 min
Response: 3094392
Conc: 19.32 ug/ml



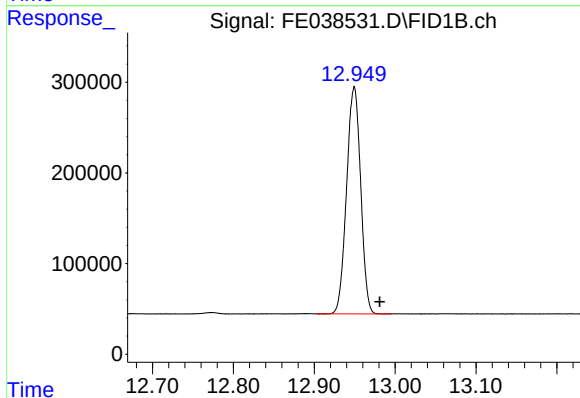
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.035 min
Response: 3227775
Conc: 18.76 ug/ml

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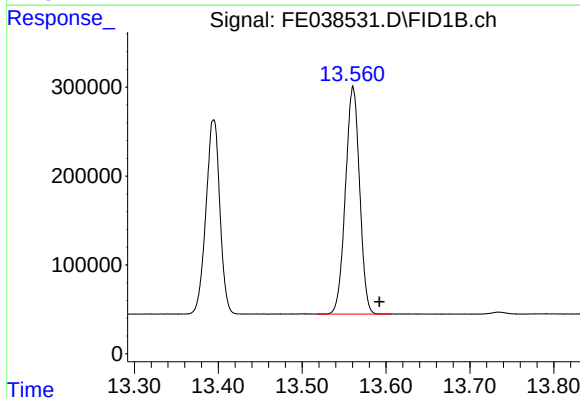
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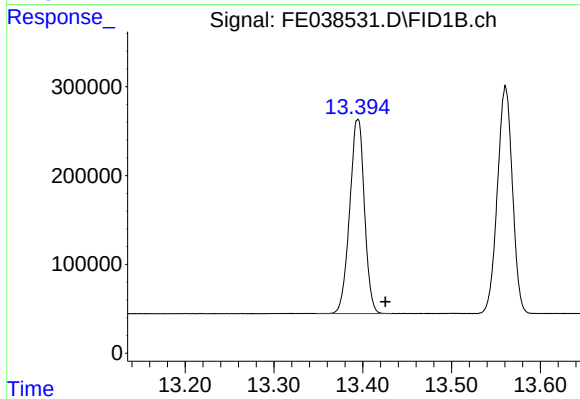
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.032 min
Response: 3035390
Conc: 18.84 ug/ml



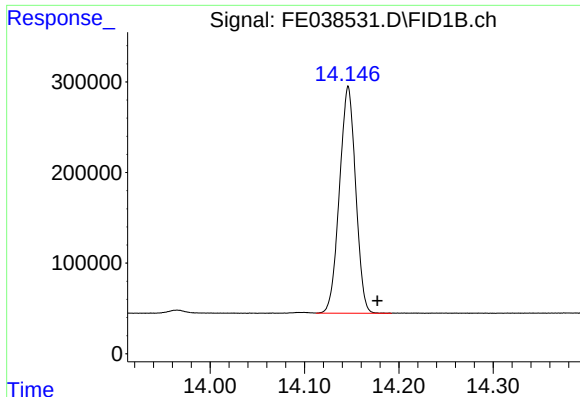
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.031 min
Response: 3005441
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.031 min
Response: 2525597
Conc: 18.45 ug/ml



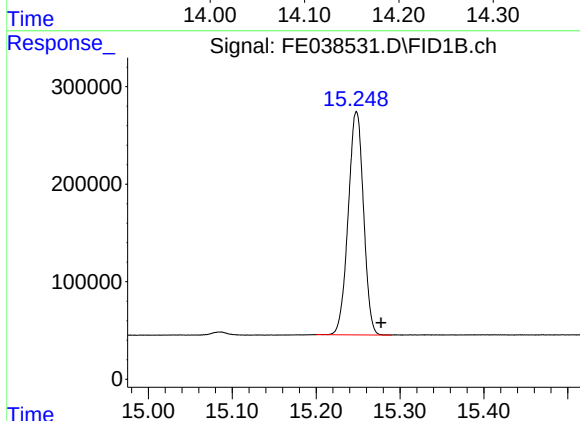
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: -0.031 min
Response: 2983487
Conc: 18.48 ug/ml

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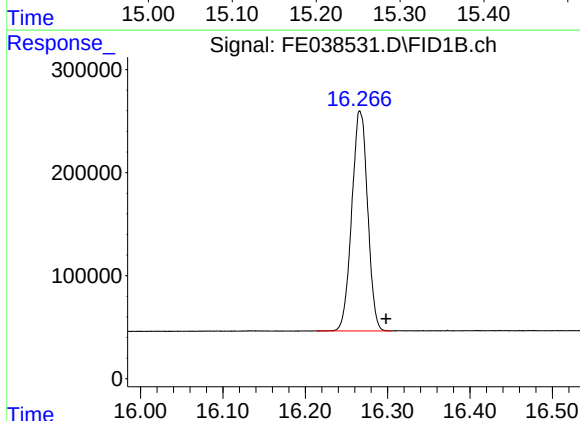
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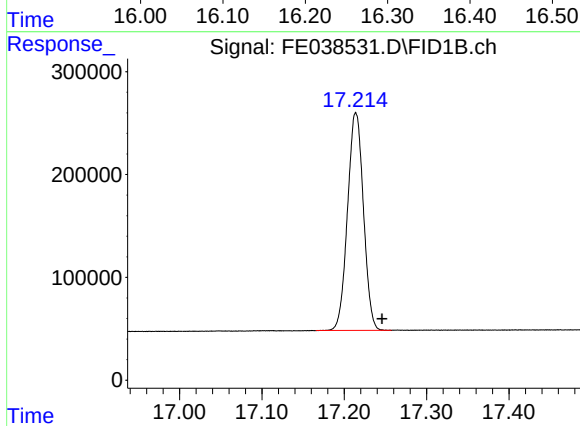
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.029 min
Response: 2903122
Conc: 18.10 ug/ml



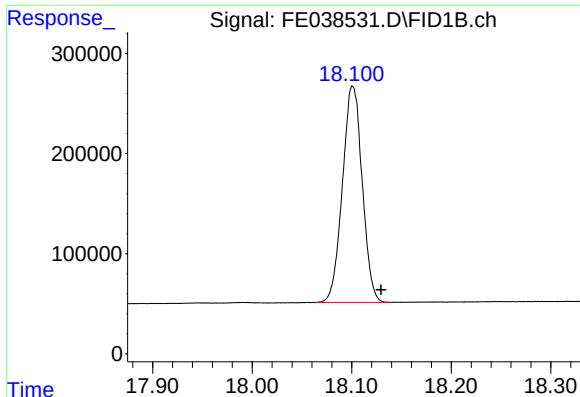
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.032 min
Response: 2852178
Conc: 17.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: -0.032 min
Response: 2843899
Conc: 18.13 ug/ml



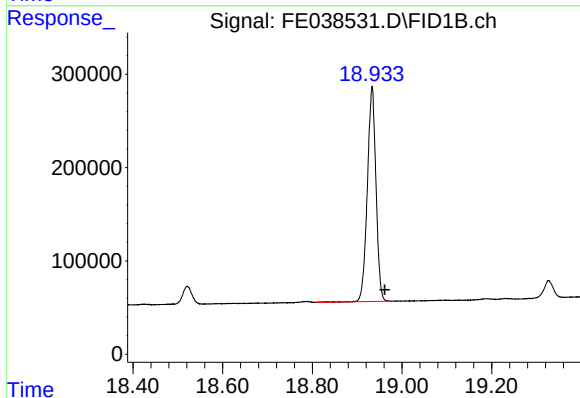
#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: -0.030 min
Response: 2988189
Conc: 18.73 ug/ml

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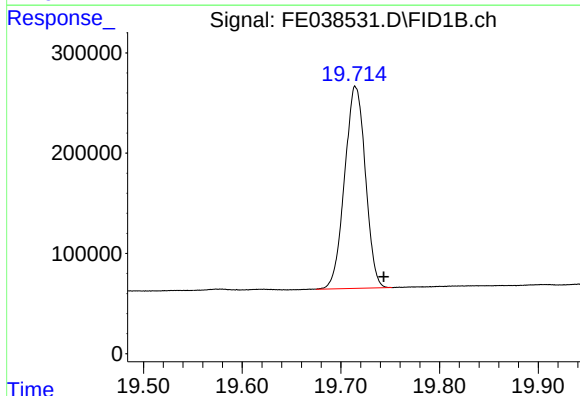
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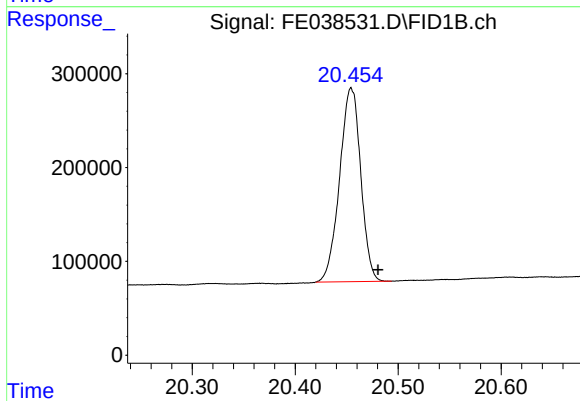
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.028 min
Response: 3075758
Conc: 19.51 ug/ml



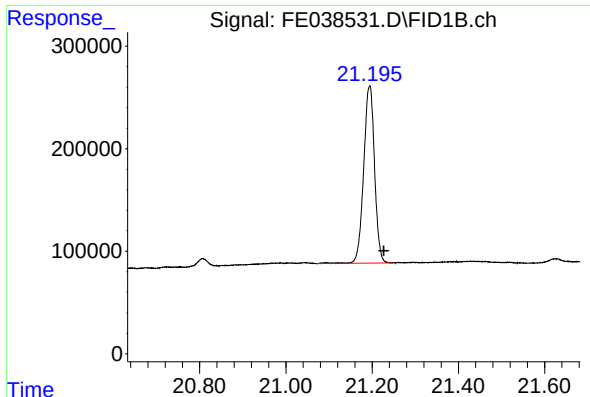
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.030 min
Response: 2947463
Conc: 19.99 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.026 min
Response: 2944068
Conc: 20.60 ug/ml



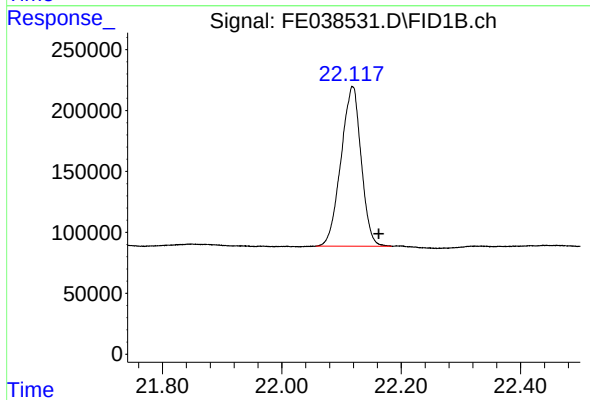
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.033 min
Response: 3024667
Conc: 22.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.045 min
Response: 3072992
Conc: 24.34 ug/ml m