

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102622AL\
 Data File : FE038380.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2022 02:56
 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 10/28/2022
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: sample.E
 Quant Time: Oct 28 04:54:09 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	3239057	18.824 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
12) S 1-chlorooctadecane (S...	13.406	2517434	18.389 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
Target Compounds			
1) T n-Nonane (C9)	3.374	3045128	19.772 ug/ml
2) T n-Decane (C10)	4.620	3075582	19.814 ug/ml
3) T A~Naphthalene (C11.7)	6.322	3323621	19.625 ug/ml
4) T n-Dodecane (C12)	6.781	3090359	19.783 ug/ml
5) T A~2-methylnaphthalene...	7.416	3252294	19.407 ug/ml
6) T n-Tetradecane (C14)	8.606	3067773	19.616 ug/ml
7) T n-Hexadecane (C16)	10.212	3062377	19.383 ug/ml
8) T n-Octadecane (C18)	11.654	3062544	19.119 ug/ml
10) T n-Eicosane (C20)	12.962	3032151	18.818 ug/ml
11) T n-Heneicosane (C21)	13.574	3013843	18.658 ug/ml
13) T n-Docosane (C22)	14.158	2989432	18.517 ug/ml
14) T n-Tetracosane (C24)	15.259	2923336	18.225 ug/ml
15) T n-Hexacosane (C26)	16.278	2845098	17.912 ug/ml
16) T n-Octacosane (C28)	17.227	2752737	17.546 ug/ml
17) T n-Tricontane (C30)	18.111	2725637	17.082 ug/ml
18) T n-Dotriacontane (C32)	18.944	2719532	17.248 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2610267	17.706 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	2630508	18.410 ug/ml
21) T n-Octatriacontane (C38)	21.207	2595658	19.218 ug/ml
22) T n-Tetracontane (C40)	22.136	2593892	20.549 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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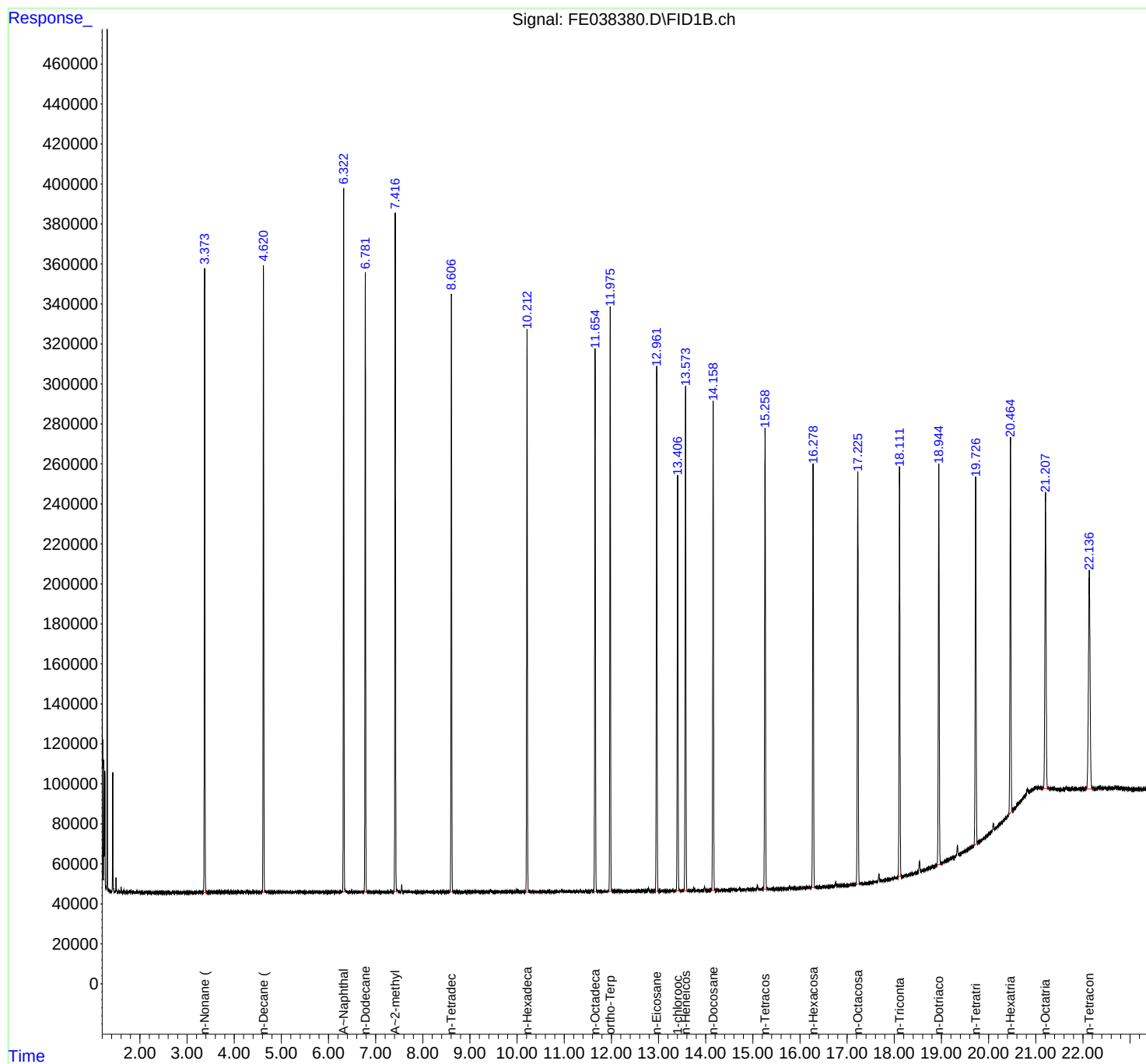
Instrument :
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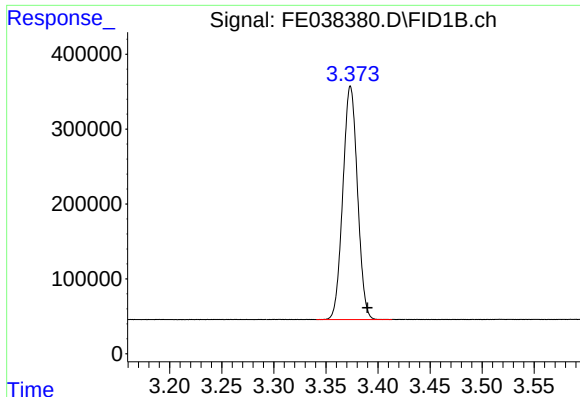
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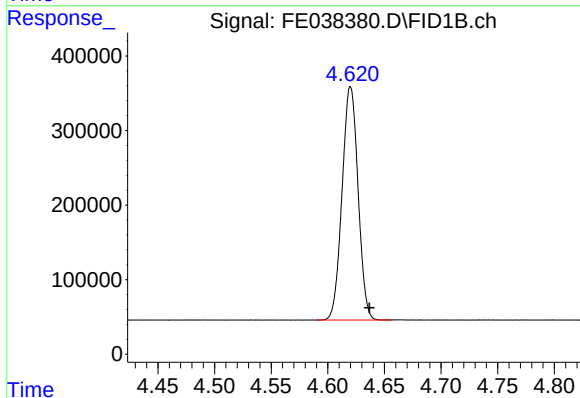
#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: -0.016 min
Response: 3045128
Conc: 19.77 ug/ml

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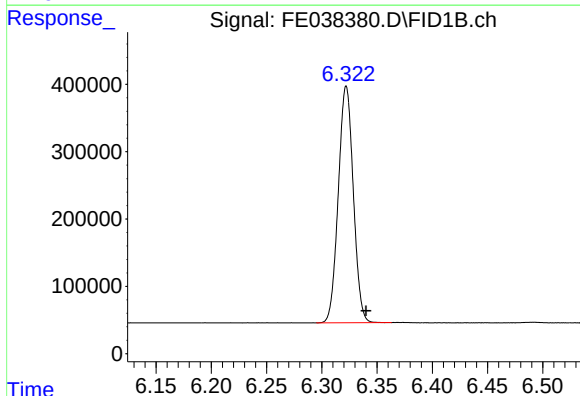
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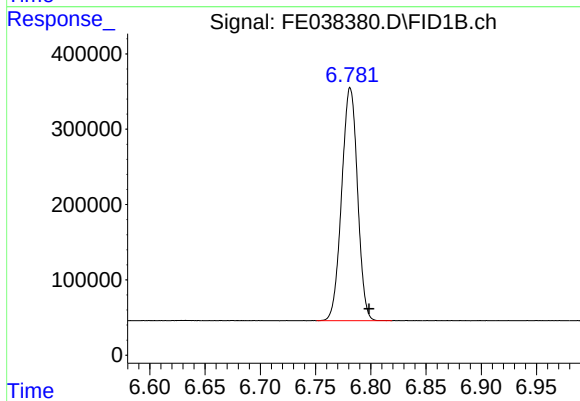
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: -0.017 min
Response: 3075582
Conc: 19.81 ug/ml



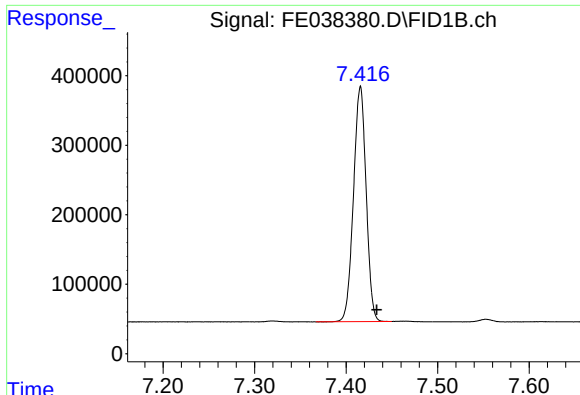
#3 A~Naphthalene (C11.7)

R.T.: 6.322 min
Delta R.T.: -0.018 min
Response: 3323621
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: -0.017 min
Response: 3090359
Conc: 19.78 ug/ml



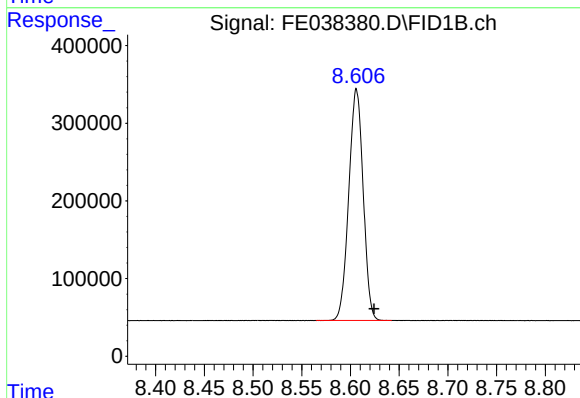
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min
Delta R.T.: -0.018 min
Response: 3252294
Conc: 19.41 ug/ml

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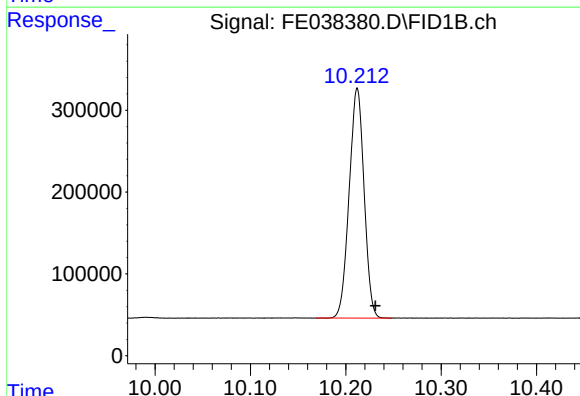
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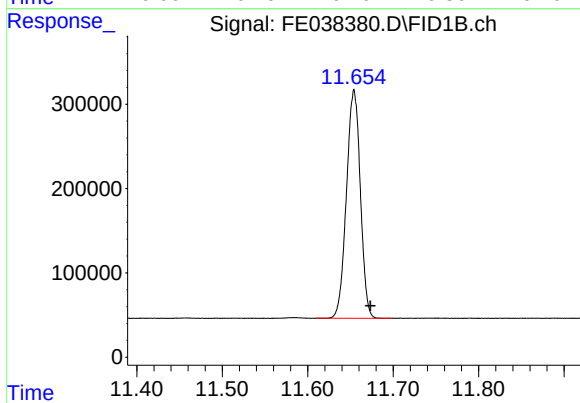
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.018 min
Response: 3067773
Conc: 19.62 ug/ml



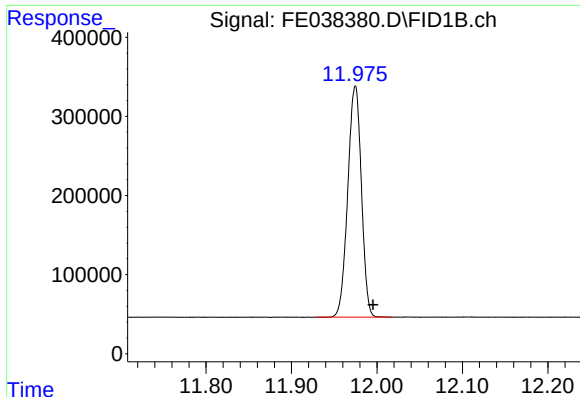
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.019 min
Response: 3062377
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: -0.019 min
Response: 3062544
Conc: 19.12 ug/ml



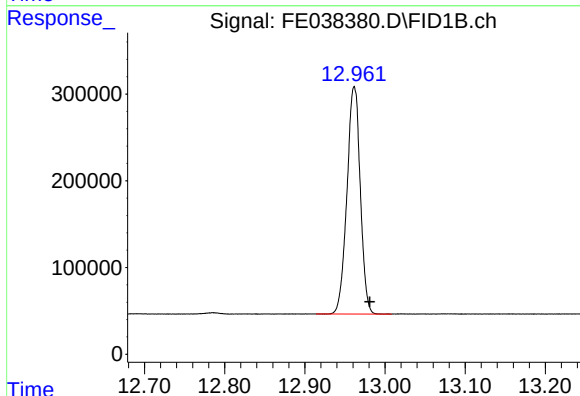
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.021 min
Response: 3239057
Conc: 18.82 ug/ml

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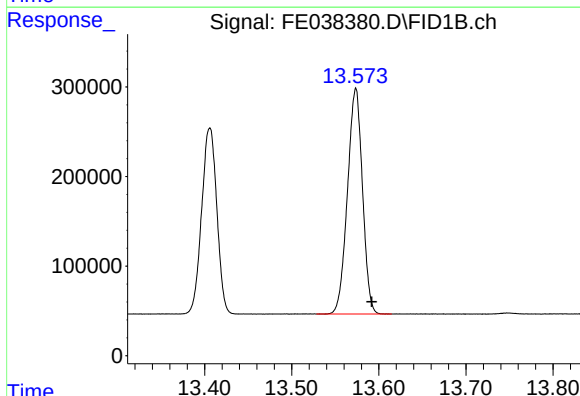
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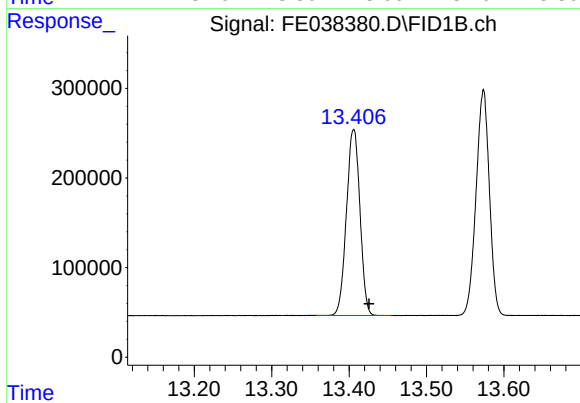
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.019 min
Response: 3032151
Conc: 18.82 ug/ml



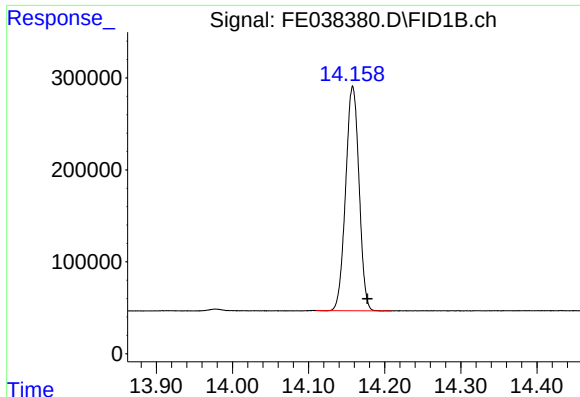
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.018 min
Response: 3013843
Conc: 18.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.020 min
Response: 2517434
Conc: 18.39 ug/ml



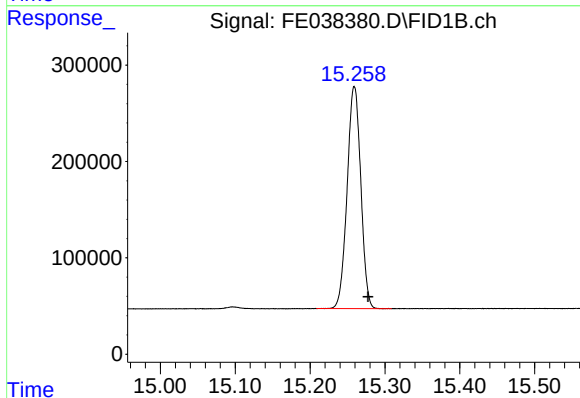
#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: -0.020 min
Response: 2989432
Conc: 18.52 ug/ml

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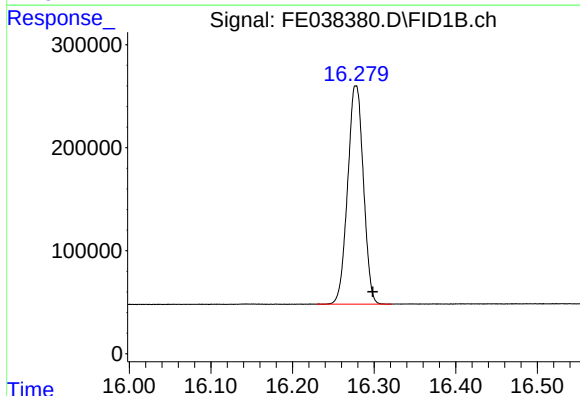
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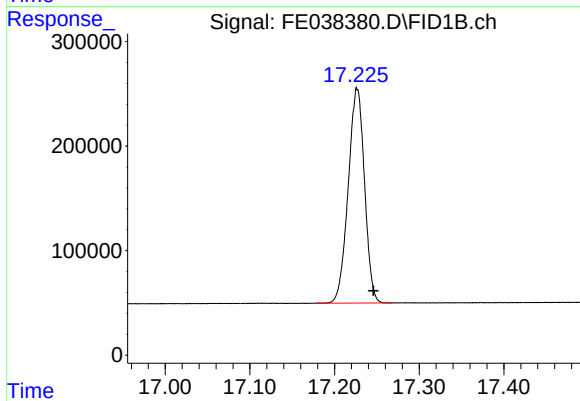
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.018 min
Response: 2923336
Conc: 18.23 ug/ml



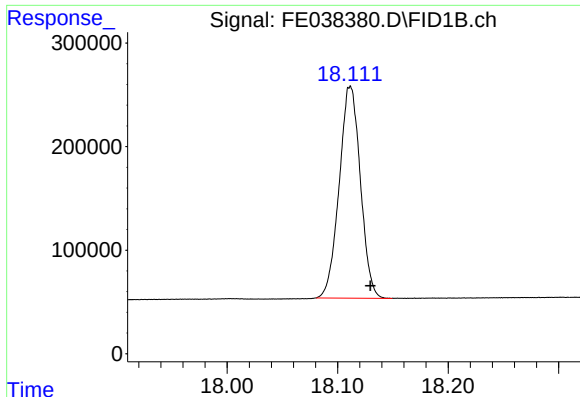
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.021 min
Response: 2845098
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.227 min
Delta R.T.: -0.019 min
Response: 2752737
Conc: 17.55 ug/ml



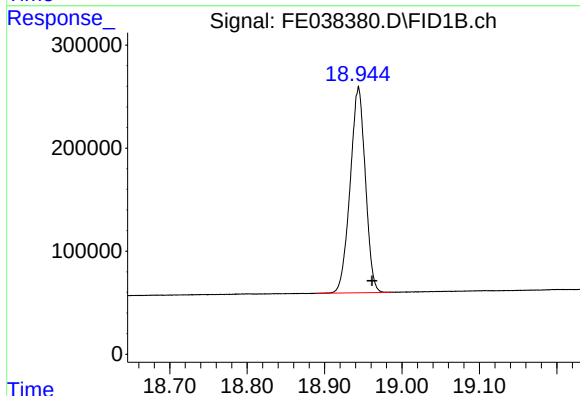
#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: -0.018 min
Response: 2725637
Conc: 17.08 ug/ml

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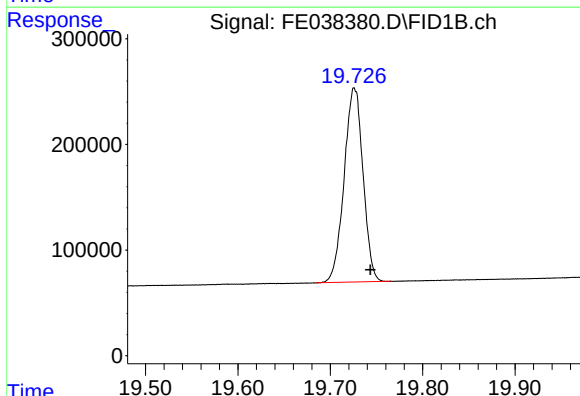
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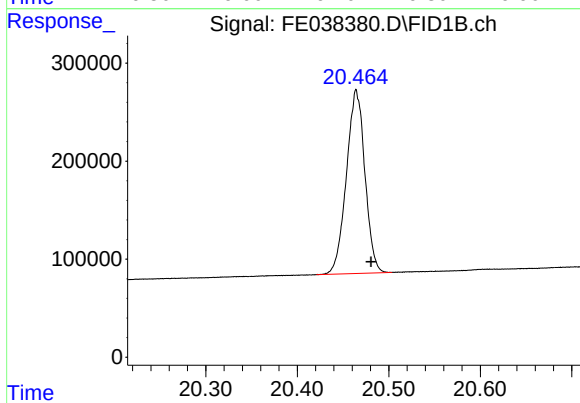
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.017 min
Response: 2719532
Conc: 17.25 ug/ml



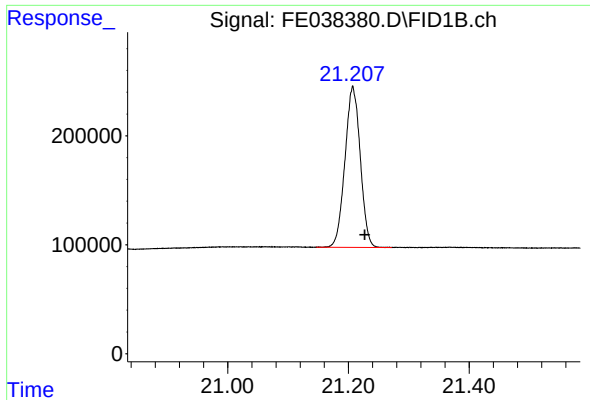
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.018 min
Response: 2610267
Conc: 17.71 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.016 min
Response: 2630508
Conc: 18.41 ug/ml



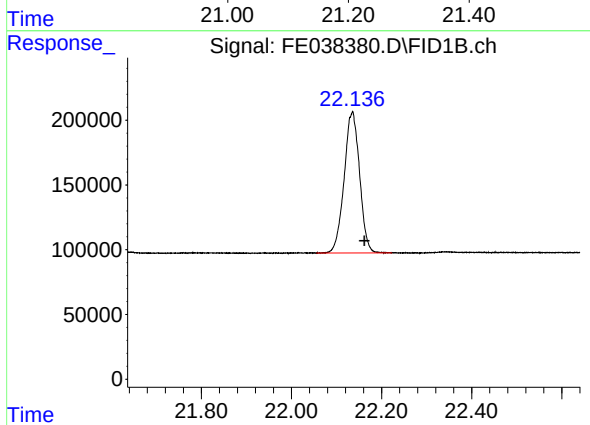
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 2595658
Conc: 19.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.027 min
Response: 2593892
Conc: 20.55 ug/ml