

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101923AL\
 Data File : FE044942.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 02:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File: autoint1.e
 Quant Time: Oct 20 02:23:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.900	3699262	18.453 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	13.341	2679825	18.109 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.286	3213761	19.158 ug/ml
2) T n-Decane (C10)	4.537	3267916	19.183 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3474338	18.768 ug/ml
4) T n-Dodecane (C12)	6.702	3275454	18.975 ug/ml
5) T A~2-methylnaphthalene...	7.333	3341626	18.524 ug/ml
6) T n-Tetradecane (C14)	8.529	3222527	18.793 ug/ml
7) T n-Hexadecane (C16)	10.140	3249533	18.583 ug/ml
8) T n-Octadecane (C18)	11.585	3224588	18.488 ug/ml
10) T n-Eicosane (C20)	12.897	3077646	18.426 ug/ml
11) T n-Heneicosane (C21)	13.510	2979162	18.276 ug/ml
13) T n-Docosane (C22)	14.097	3003683	18.778 ug/ml
14) T n-Tetracosane (C24)	15.203	3051963	19.665 ug/ml
15) T n-Hexacosane (C26)	16.225	3078330	20.504 ug/ml
16) T n-Octacosane (C28)	17.176	3176877	21.634 ug/ml
17) T n-Tricontane (C30)	18.067	3318239	22.311 ug/ml
18) T n-Dotriacontane (C32)	18.901	3370054	22.453 ug/ml
19) T n-Tetratriacontane (C34)	19.685	3177013	21.342 ug/ml
20) T n-Hexatriacontane (C36)	20.425	3139377	20.420 ug/mlm
21) T n-Octatriacontane (C38)	21.167	3207227	20.531 ug/ml
22) T n-Tetracontane (C40)	22.080	3274599	19.594 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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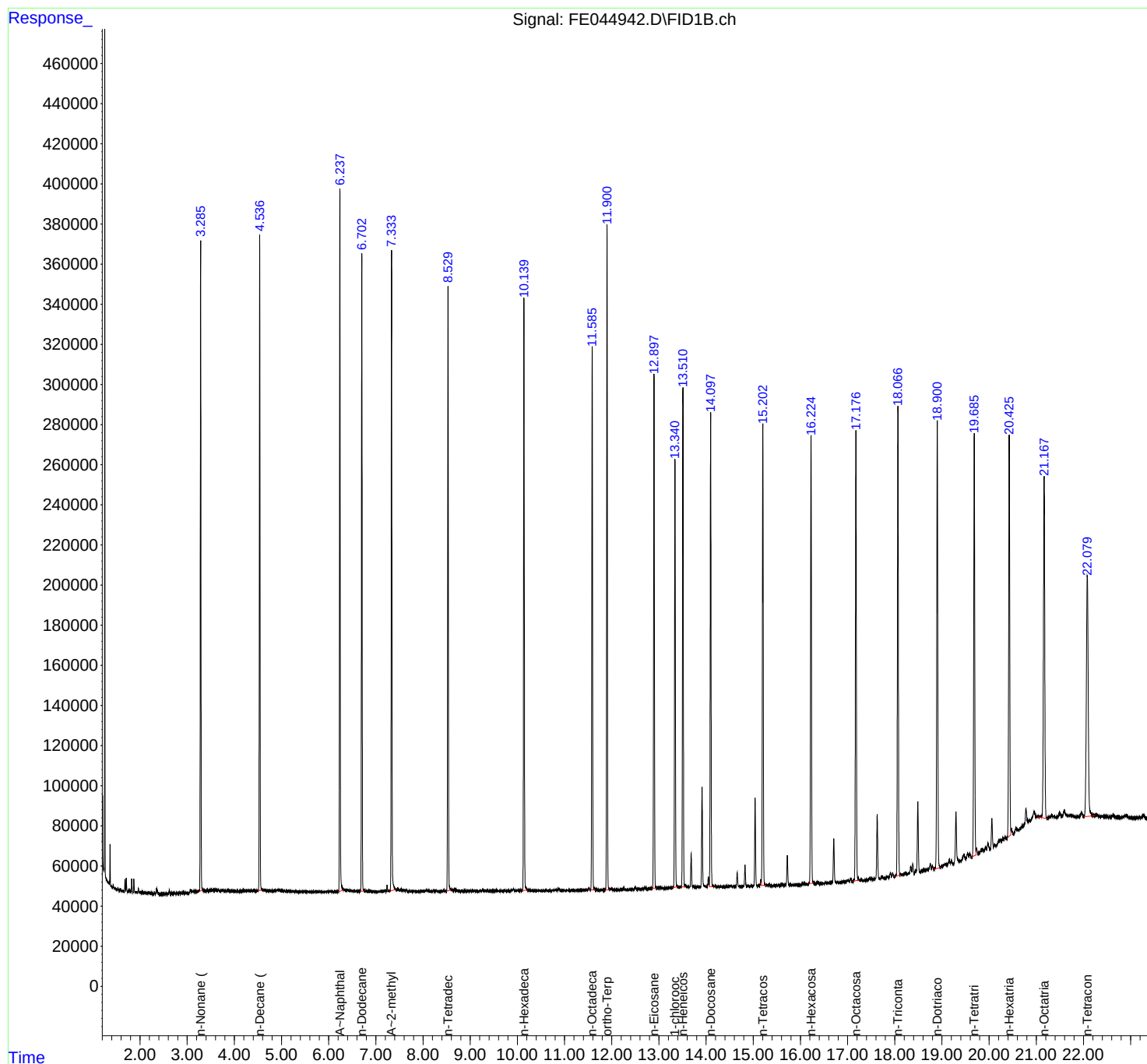
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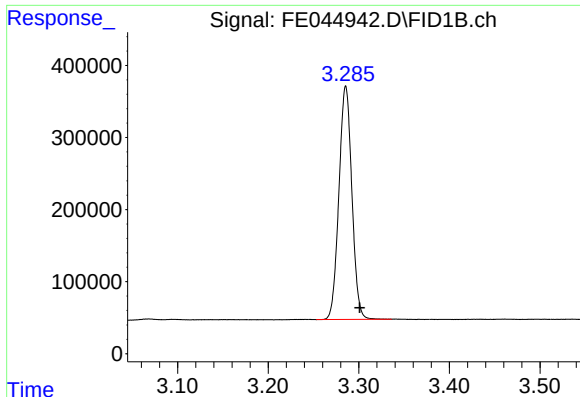
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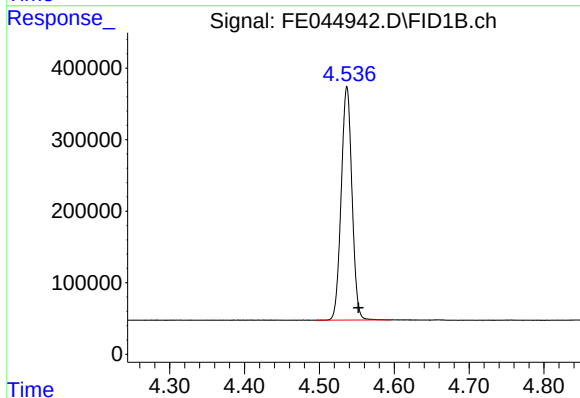
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.015 min
Response: 3213761
Conc: 19.16 ug/ml

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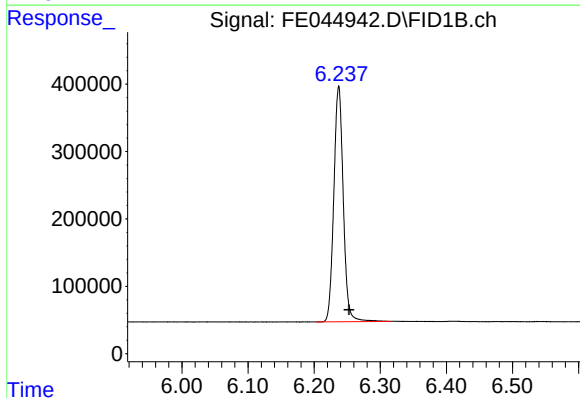
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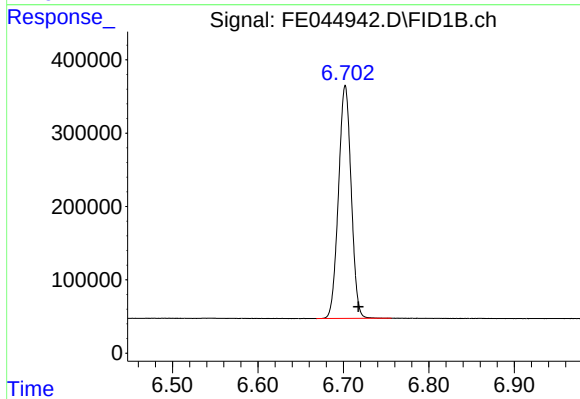
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.015 min
Response: 3267916
Conc: 19.18 ug/ml



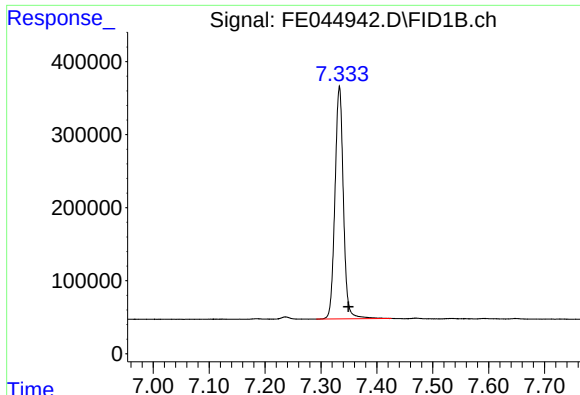
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.016 min
Response: 3474338
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.015 min
Response: 3275454
Conc: 18.97 ug/ml



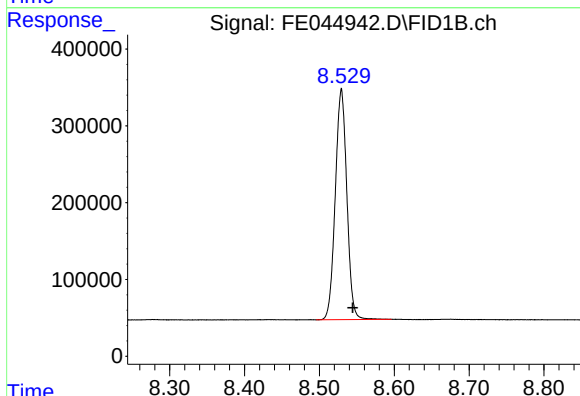
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 3341626
Conc: 18.52 ug/ml

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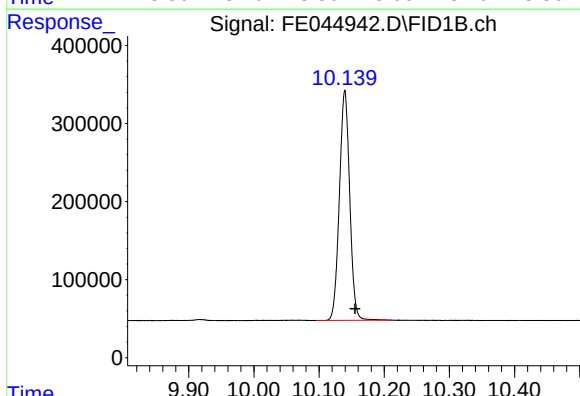
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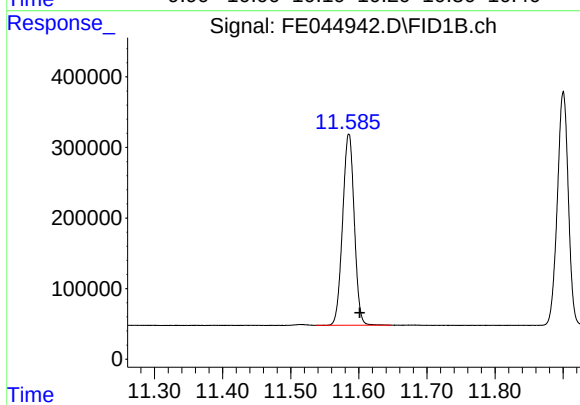
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.015 min
Response: 3222527
Conc: 18.79 ug/ml



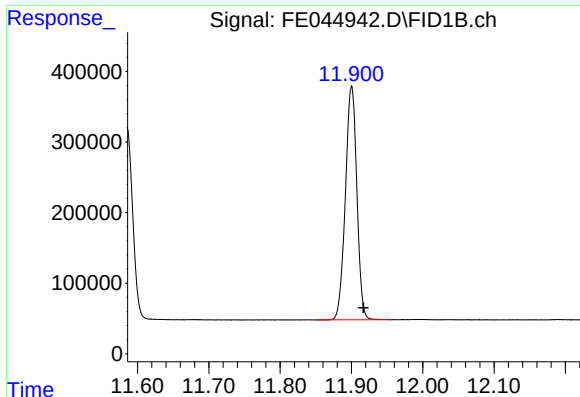
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.016 min
Response: 3249533
Conc: 18.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.016 min
Response: 3224588
Conc: 18.49 ug/ml



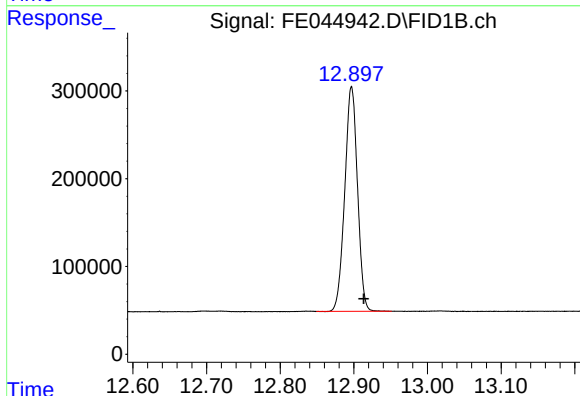
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 3699262
Conc: 18.45 ug/ml

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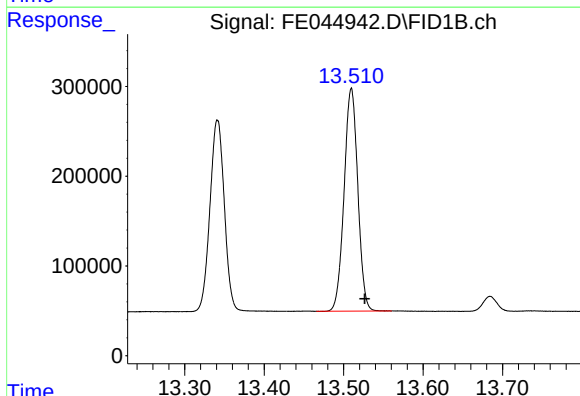
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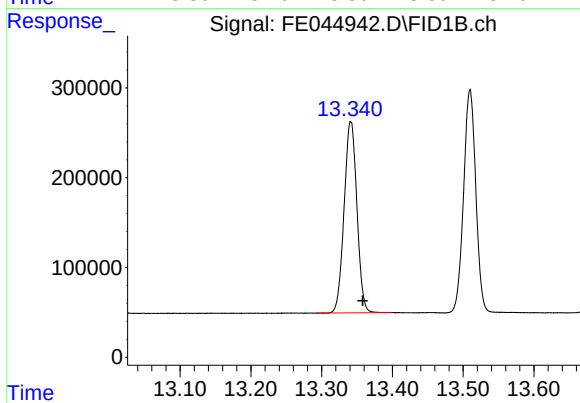
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.017 min
Response: 3077646
Conc: 18.43 ug/ml



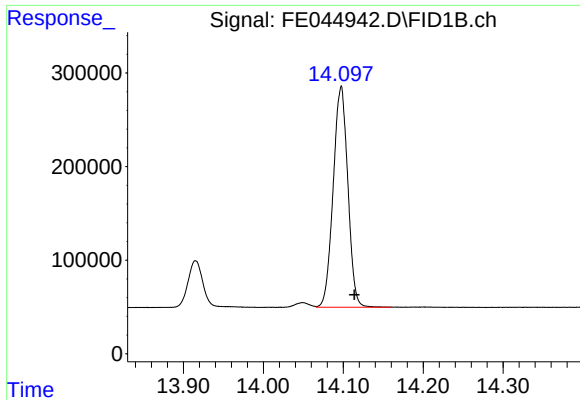
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.017 min
Response: 2979162
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.017 min
Response: 2679825
Conc: 18.11 ug/ml



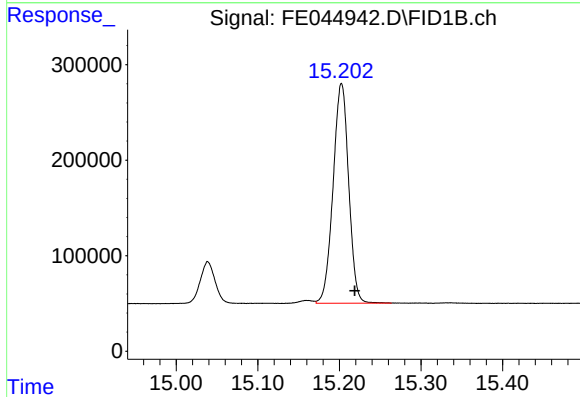
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.016 min
Response: 3003683
Conc: 18.78 ug/ml

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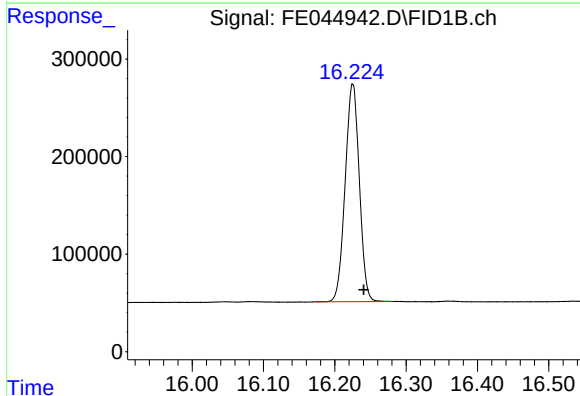
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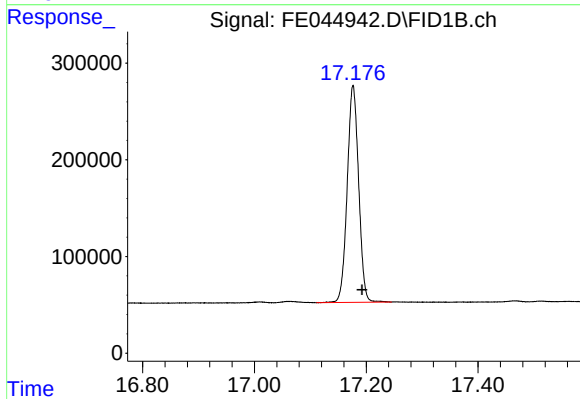
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.016 min
Response: 3051963
Conc: 19.67 ug/ml



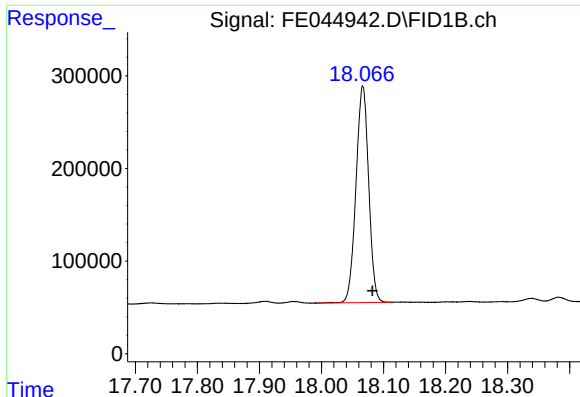
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: -0.015 min
Response: 3078330
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.016 min
Response: 3176877
Conc: 21.63 ug/ml



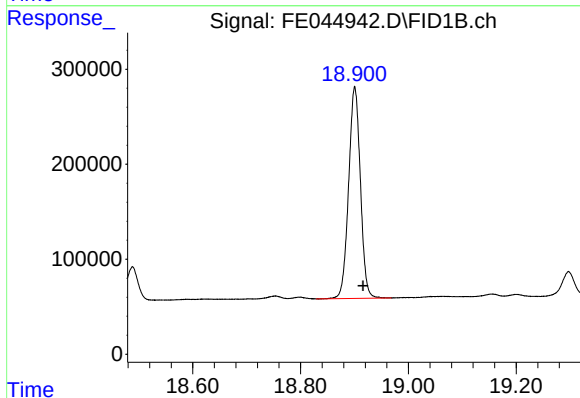
#17 n-Tricontane (C30)

R.T.: 18.067 min
Delta R.T.: -0.015 min
Response: 3318239
Conc: 22.31 ug/ml

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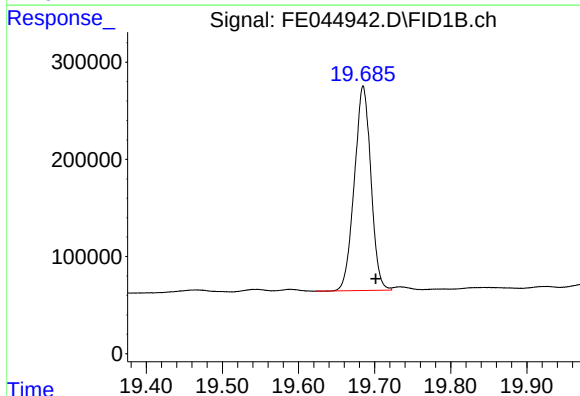
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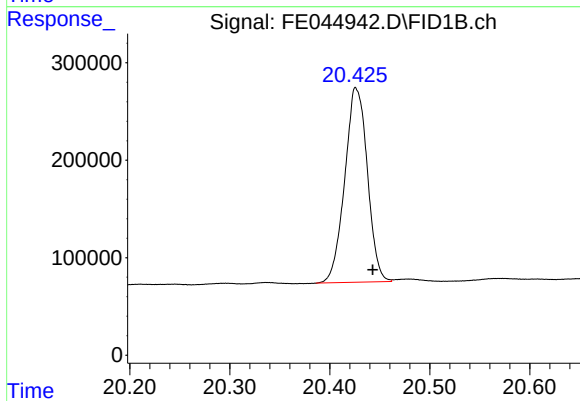
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.016 min
Response: 3370054
Conc: 22.45 ug/ml



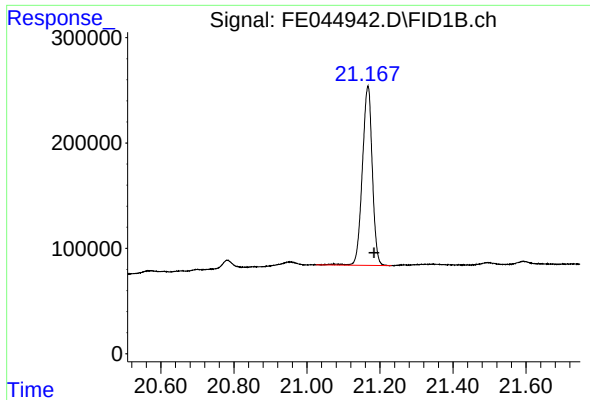
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.017 min
Response: 3177013
Conc: 21.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: -0.018 min
Response: 3139377
Conc: 20.42 ug/ml m



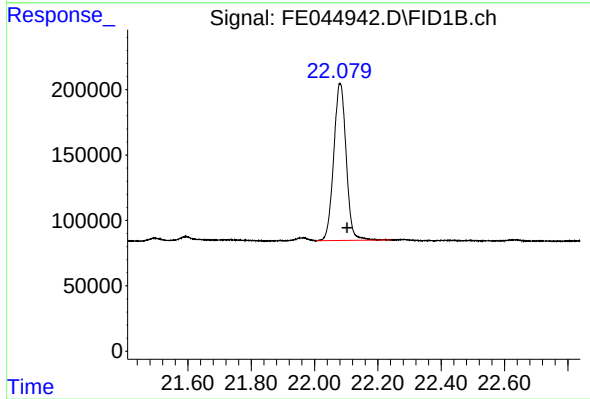
#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: -0.017 min
Response: 3207227
Conc: 20.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: -0.023 min
Response: 3274599
Conc: 19.59 ug/ml