

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060424AL\
 Data File : FE048555.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2024 00:12
 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 06/05/2024
 Supervised By :Ankita Jodhani 06/05/2024

Integration File: autoint1.e
 Quant Time: Jun 05 01:55:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.944	2732111	19.026 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
12) S 1-chlorooctadecane (S...	13.378	2083896	19.129 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
Target Compounds			
1) T n-Nonane (C9)	3.333	2754008	18.421 ug/ml
2) T n-Decane (C10)	4.582	2849033	18.868 ug/ml
3) T A~Naphthalene (C11.7)	6.288	2801924	18.818 ug/ml
4) T n-Dodecane (C12)	6.748	2794395	18.878 ug/ml
5) T A~2-methylnaphthalene...	7.383	2635009	19.004 ug/ml
6) T n-Tetradecane (C14)	8.575	2677275	18.876 ug/ml
7) T n-Hexadecane (C16)	10.183	2675077	18.975 ug/ml
8) T n-Octadecane (C18)	11.624	2646089	19.052 ug/ml
10) T n-Eicosane (C20)	12.932	2528321	19.105 ug/ml
11) T n-Heneicosane (C21)	13.545	2470812	19.075 ug/ml
13) T n-Docosane (C22)	14.131	2499574	19.397 ug/ml
14) T n-Tetracosane (C24)	15.232	2593249	20.017 ug/ml
15) T n-Hexacosane (C26)	16.253	2649357	20.442 ug/ml
16) T n-Octacosane (C28)	17.202	2760266	21.355 ug/ml
17) T n-Tricontane (C30)	18.087	2965543	22.137 ug/mlm
18) T n-Dotriacontane (C32)	18.919	3007052	22.153 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2869843	20.978 ug/mlm
20) T n-Hexatriacontane (C36)	20.441	2724790	20.045 ug/ml
21) T n-Octatriacontane (C38)	21.178	2664690	19.540 ug/ml
22) T n-Tetracontane (C40)	22.094	2673030	19.522 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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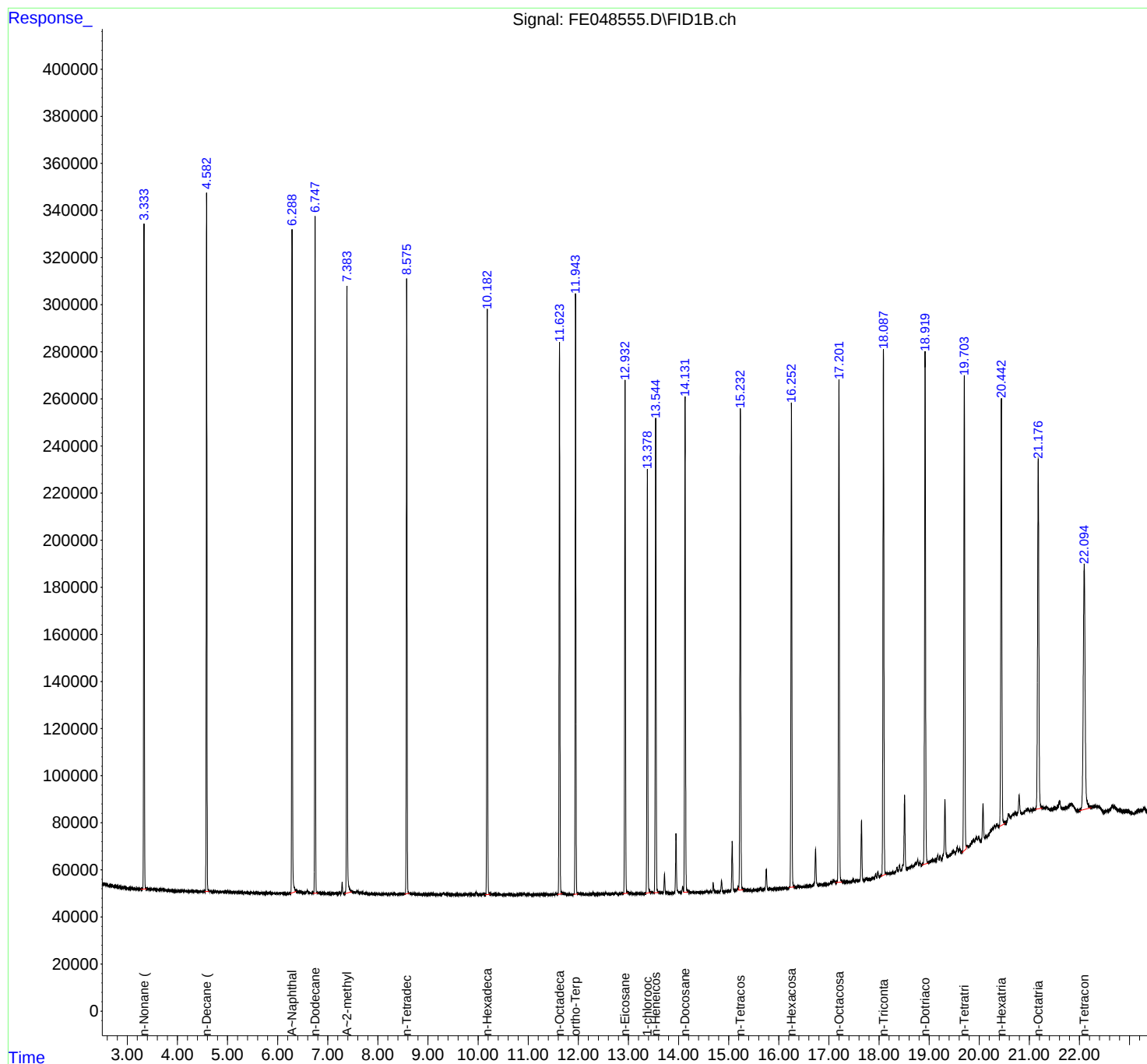
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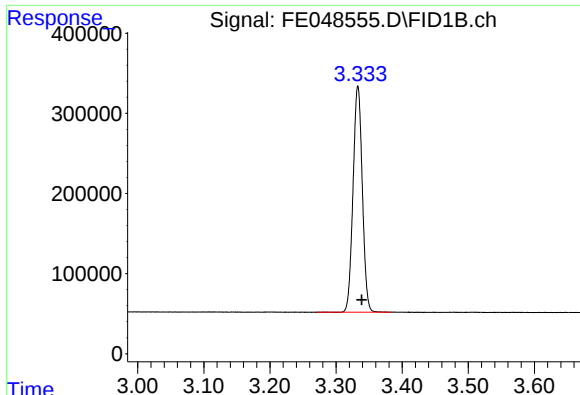
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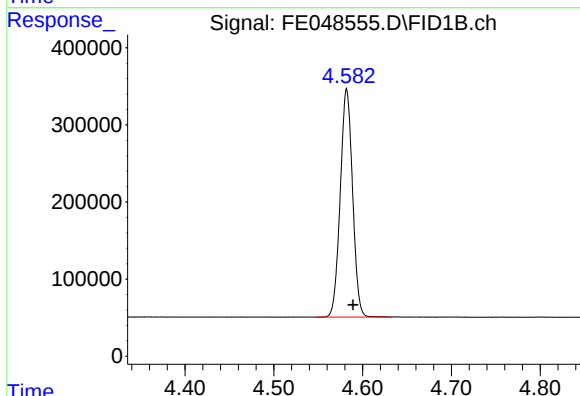
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.006 min
Response: 2754008
Conc: 18.42 ug/ml

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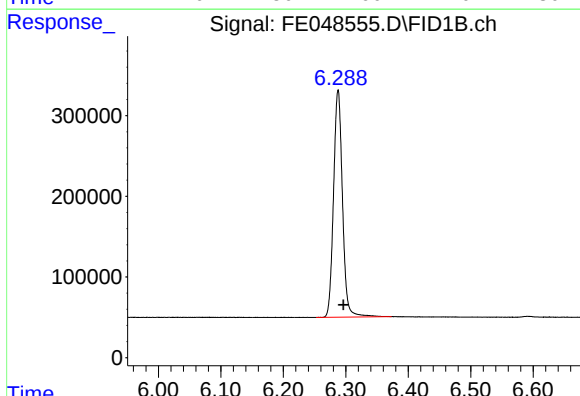
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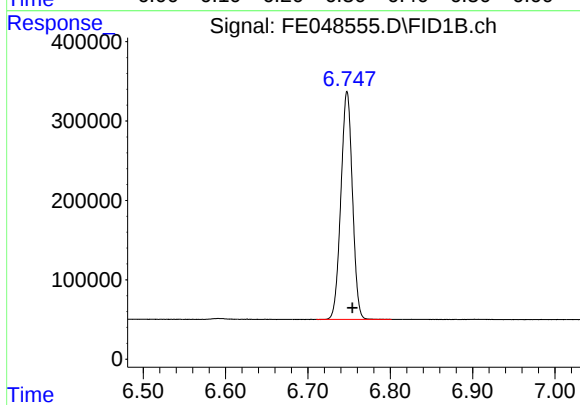
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 2849033
Conc: 18.87 ug/ml



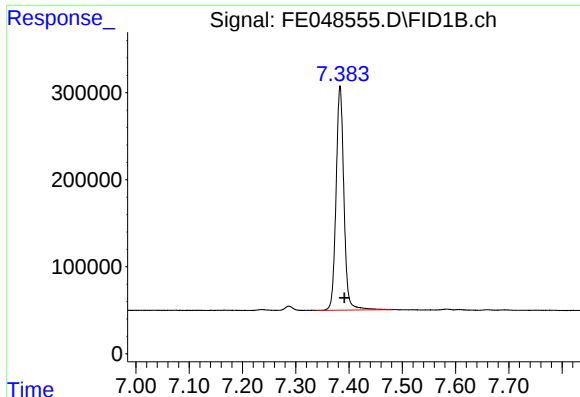
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 2801924
Conc: 18.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 2794395
Conc: 18.88 ug/ml



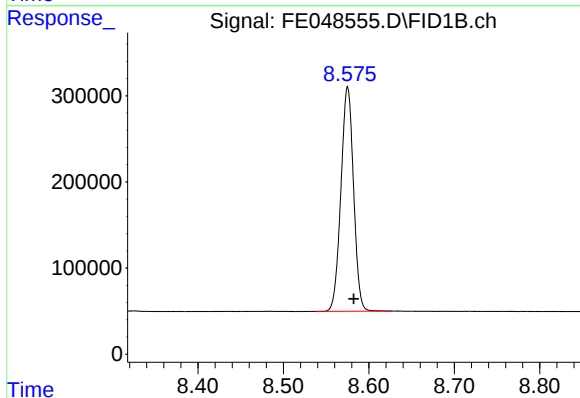
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: -0.008 min
Response: 2635009
Conc: 19.00 ug/ml

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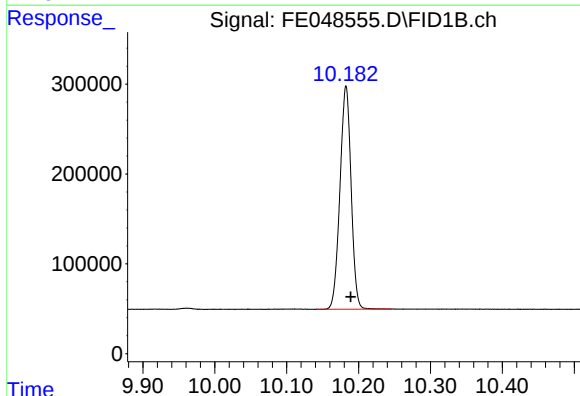
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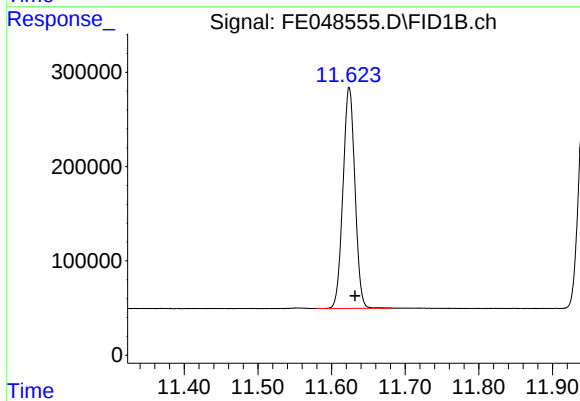
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.007 min
Response: 2677275
Conc: 18.88 ug/ml



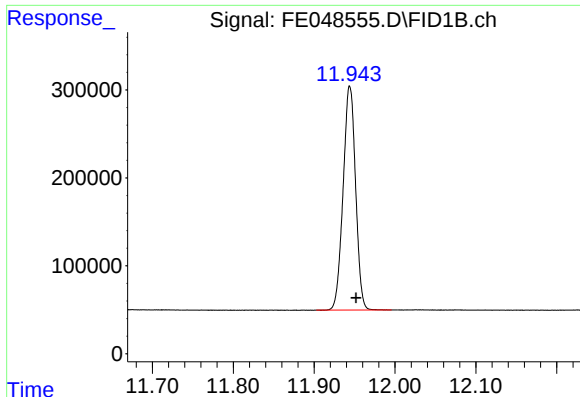
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.007 min
Response: 2675077
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.624 min
Delta R.T.: -0.008 min
Response: 2646089
Conc: 19.05 ug/ml



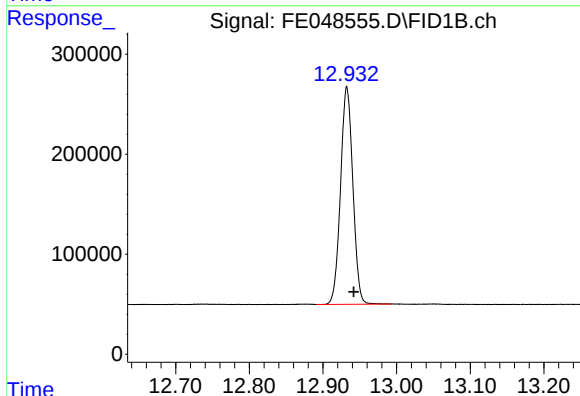
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: -0.008 min
Response: 2732111
Conc: 19.03 ug/ml

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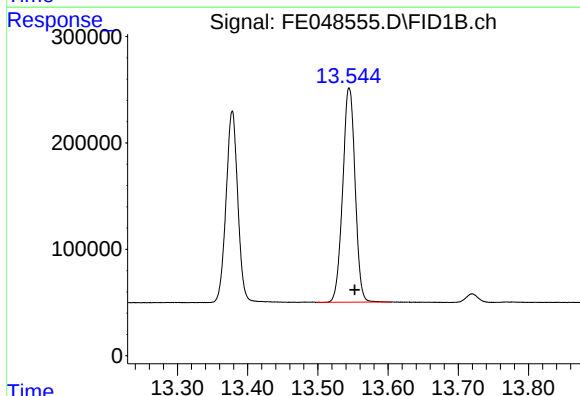
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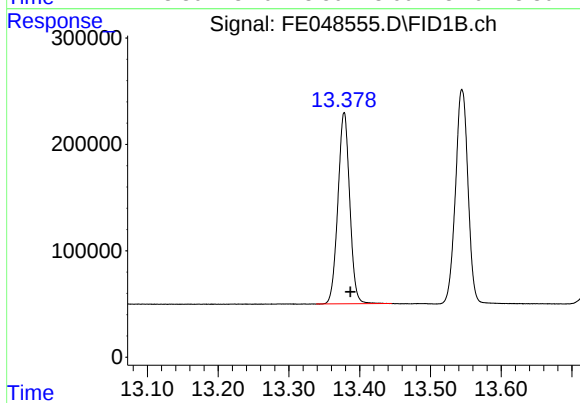
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.009 min
Response: 2528321
Conc: 19.11 ug/ml



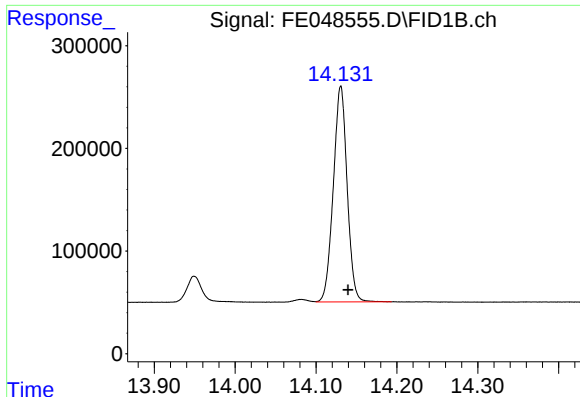
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.008 min
Response: 2470812
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.009 min
Response: 2083896
Conc: 19.13 ug/ml



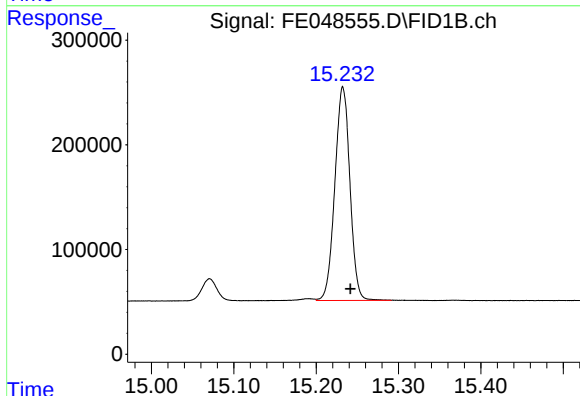
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.009 min
Response: 2499574
Conc: 19.40 ug/ml

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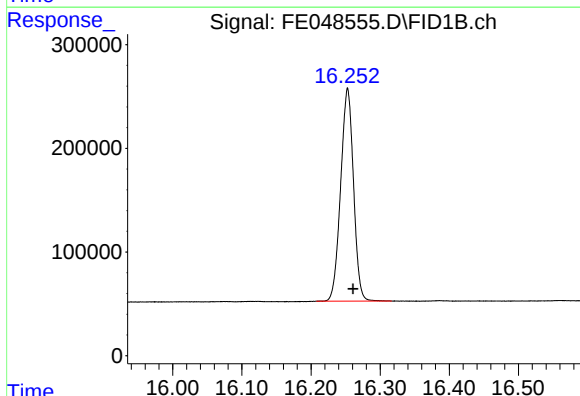
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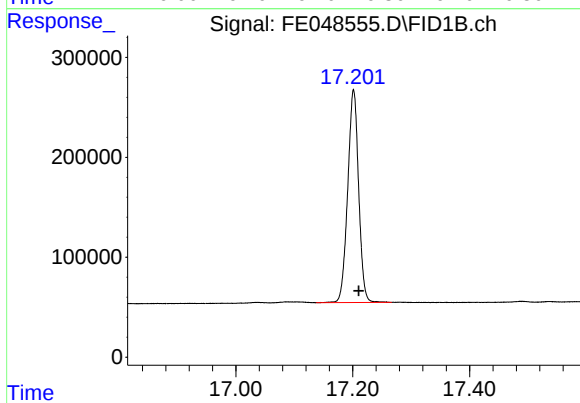
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.009 min
Response: 2593249
Conc: 20.02 ug/ml



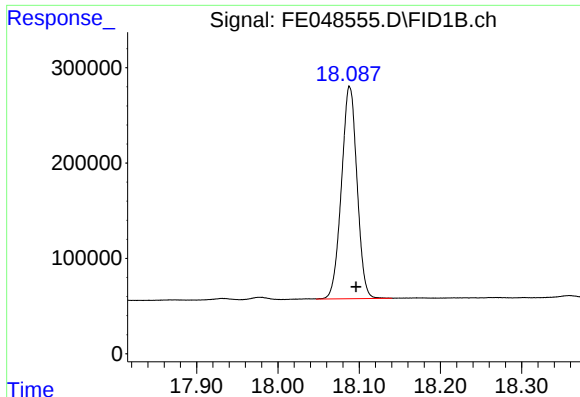
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.008 min
Response: 2649357
Conc: 20.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.009 min
Response: 2760266
Conc: 21.36 ug/ml



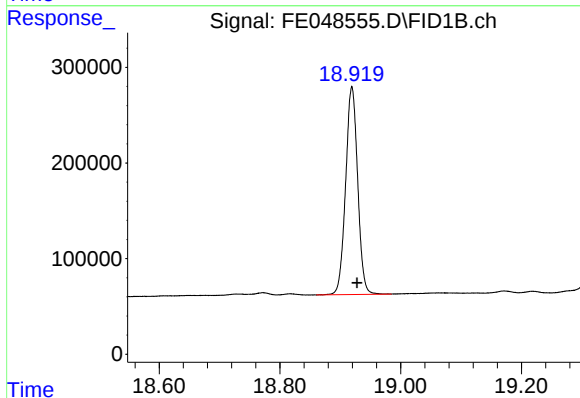
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: -0.009 min
Response: 2965543
Conc: 22.14 ug/ml

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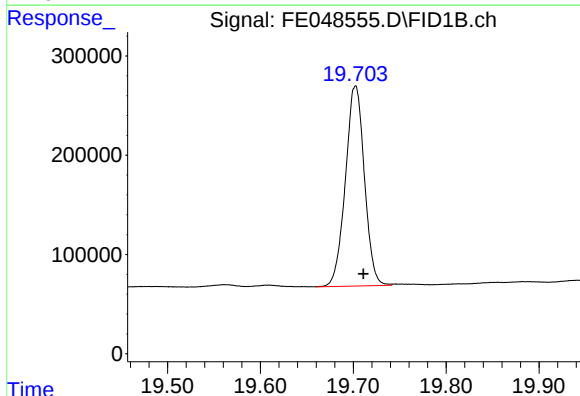
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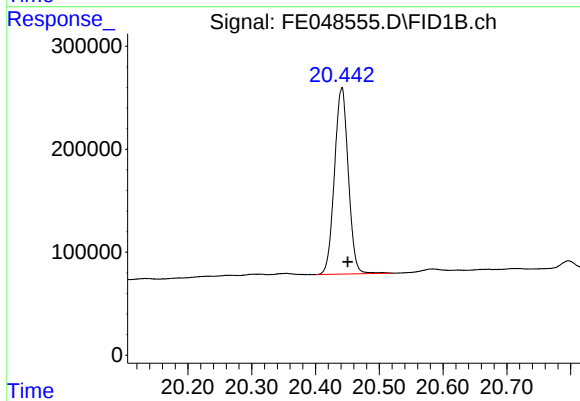
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.008 min
Response: 3007052
Conc: 22.15 ug/ml



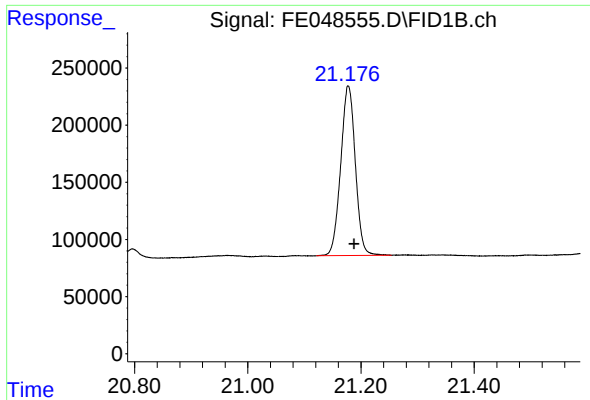
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.009 min
Response: 2869843
Conc: 20.98 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.009 min
Response: 2724790
Conc: 20.04 ug/ml



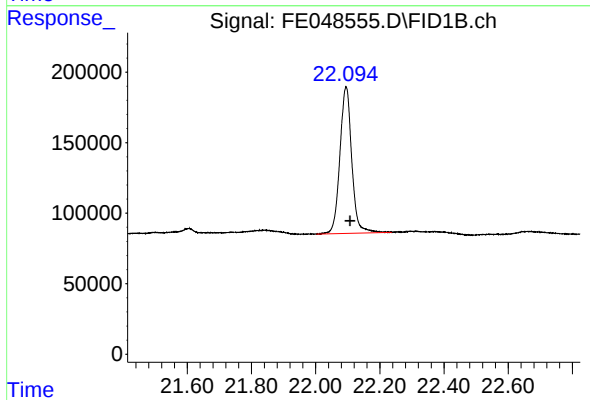
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.010 min
Response: 2664690
Conc: 19.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.014 min
Response: 2673030
Conc: 19.52 ug/ml m