

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100924AL\
 Data File : FE050545.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2024 10:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :Ankita Jodhani 10/09/2024

Integration File: autoint1.e
 Quant Time: Oct 09 02:08:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.863	3280660	20.809 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
12) S 1-chlorooctadecane (S...	13.297	2439982	20.627 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	3.252	2932548	20.755 ug/ml
2) T n-Decane (C10)	4.502	2996658	20.886 ug/ml
3) T A~Naphthalene (C11.7)	6.213	3013671	21.076 ug/ml
4) T n-Dodecane (C12)	6.669	2999903	20.842 ug/ml
5) T A~2-methylnaphthalene...	7.309	2821630	21.299 ug/ml
6) T n-Tetradecane (C14)	8.496	2973542	20.784 ug/ml
7) T n-Hexadecane (C16)	10.102	3064960	20.826 ug/ml
8) T n-Octadecane (C18)	11.544	3091846	20.699 ug/ml
10) T n-Eicosane (C20)	12.851	2963304	20.664 ug/ml
11) T n-Heneicosane (C21)	13.462	2902632	20.669 ug/ml
13) T n-Docosane (C22)	14.047	2882306	20.545 ug/ml
14) T n-Tetracosane (C24)	15.148	2878716	20.376 ug/ml
15) T n-Hexacosane (C26)	16.168	2861489	20.335 ug/ml
16) T n-Octacosane (C28)	17.117	2915049	19.921 ug/ml
17) T n-Tricontane (C30)	18.003	3120274	19.624 ug/ml
18) T n-Dotriacontane (C32)	18.835	3126725	19.287 ug/ml
19) T n-Tetratriacontane (C34)	19.618	2856041	19.443 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2536057	19.998 ug/ml
21) T n-Octatriacontane (C38)	21.082	2392851	19.352 ug/ml
22) T n-Tetracontane (C40)	21.966	2125807	19.091 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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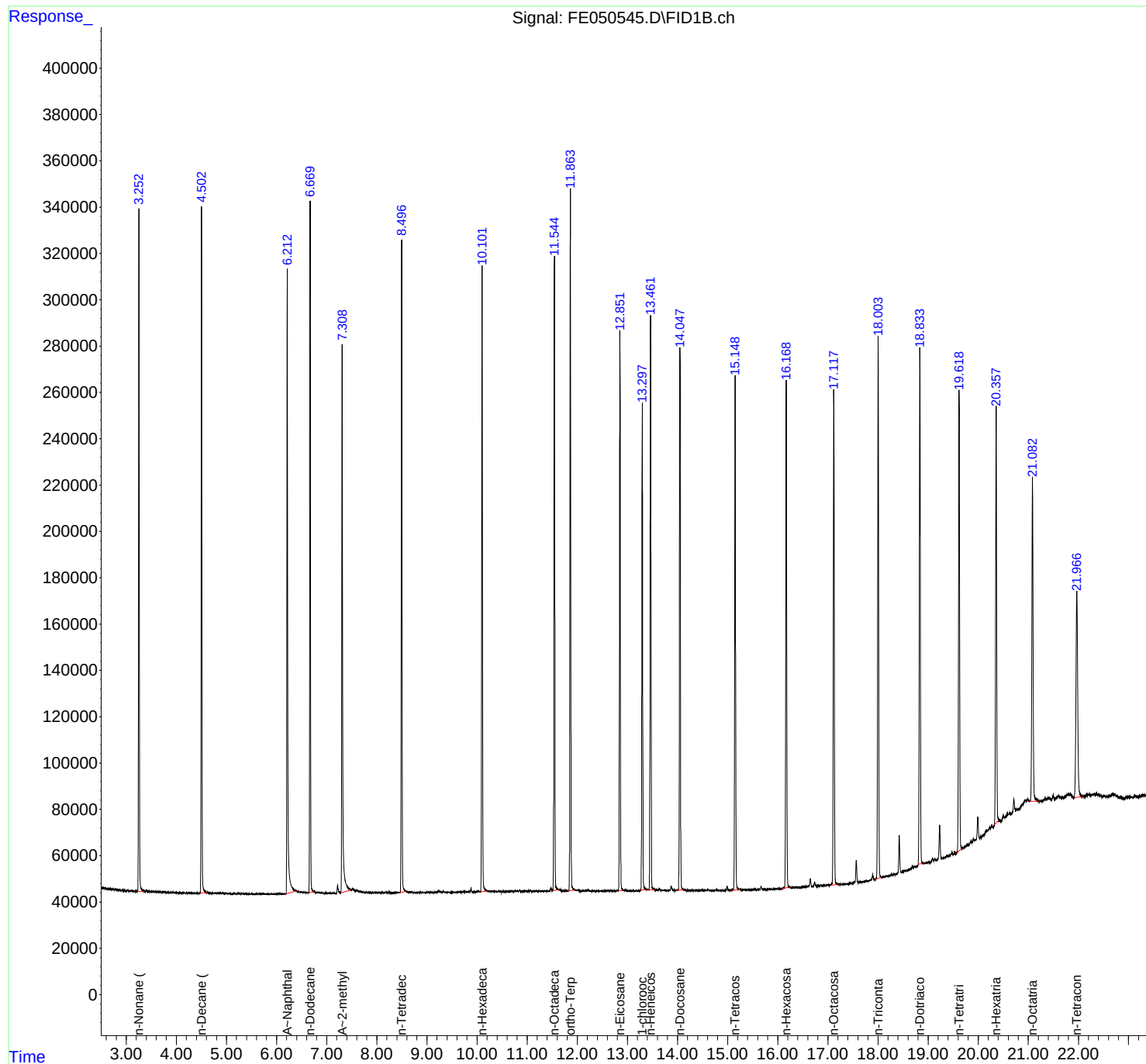
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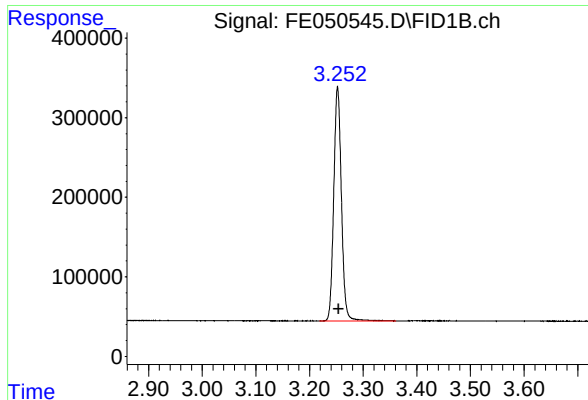
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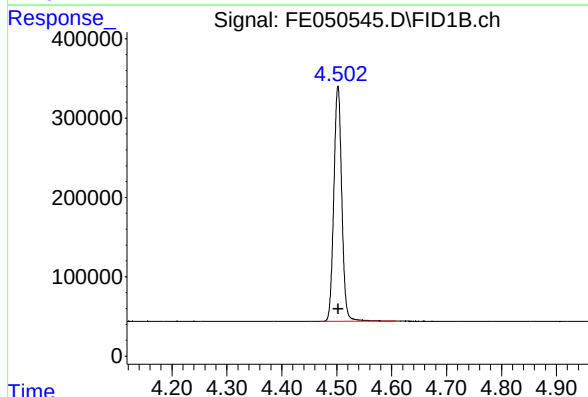
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: -0.002 min
Response: 2932548
Conc: 20.76 ug/ml

Instrument : FID_E
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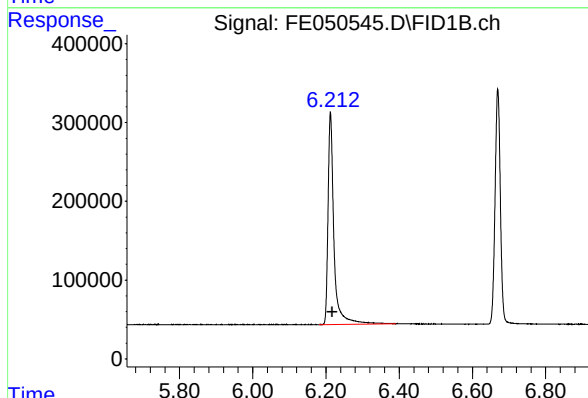
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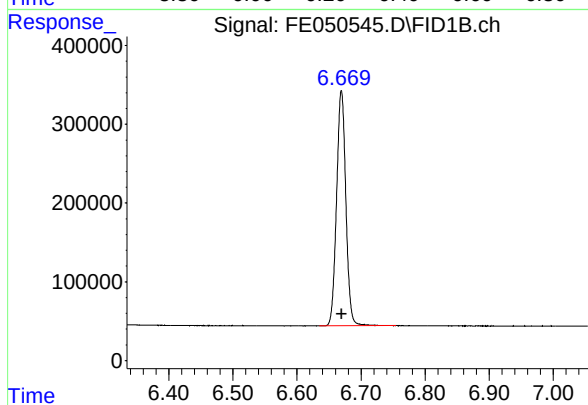
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 2996658
Conc: 20.89 ug/ml



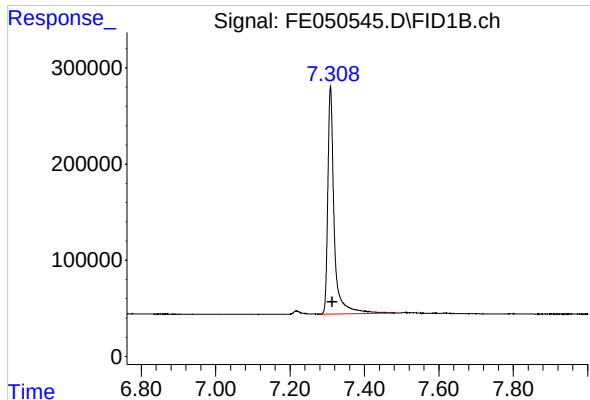
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.004 min
Response: 3013671
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 2999903
Conc: 20.84 ug/ml



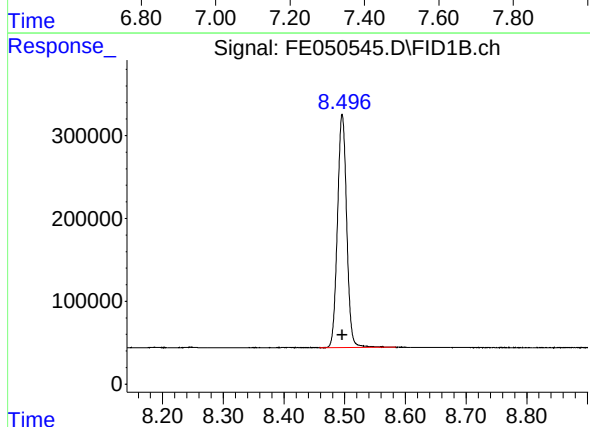
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.309 min
Delta R.T.: -0.004 min
Response: 2821630
Conc: 21.30 ug/ml

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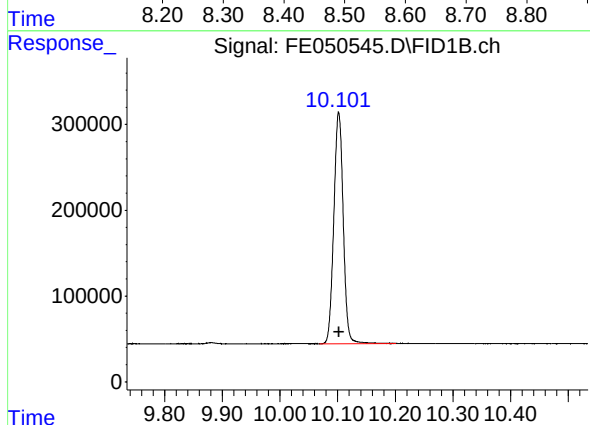
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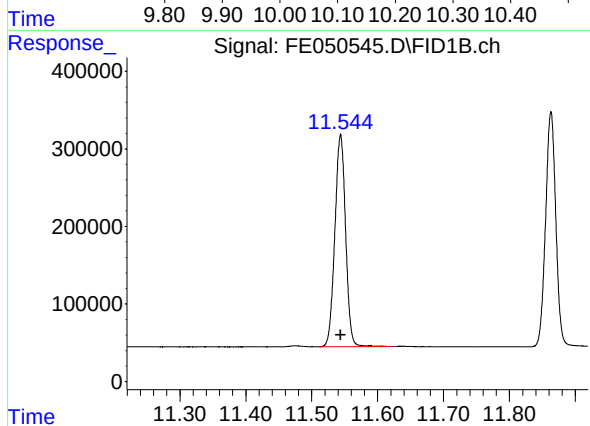
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 2973542
Conc: 20.78 ug/ml



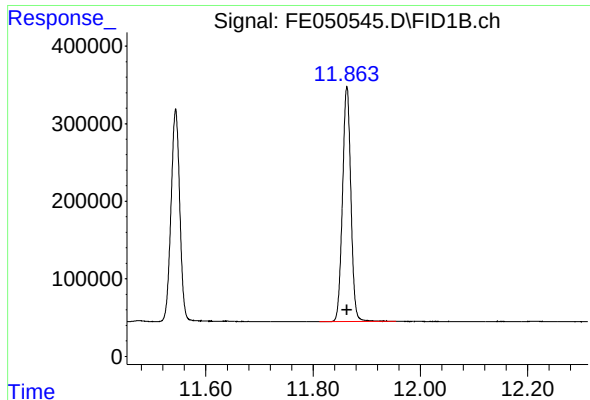
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 3064960
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 3091846
Conc: 20.70 ug/ml



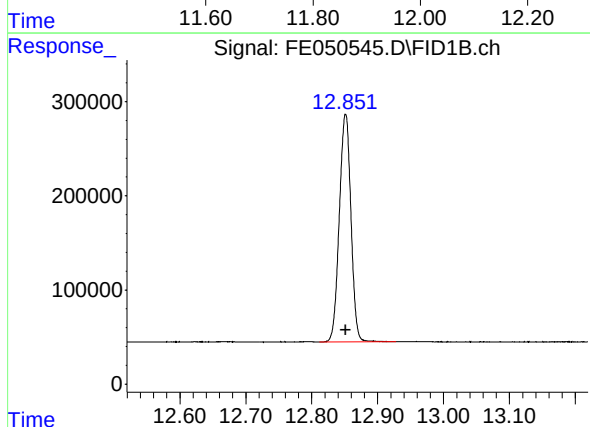
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.000 min
Response: 3280660
Conc: 20.81 ug/ml

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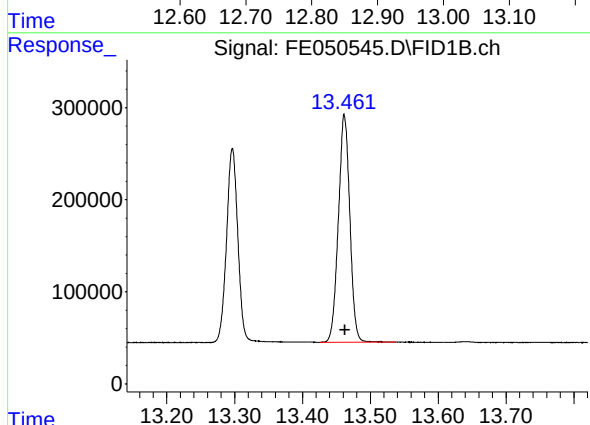
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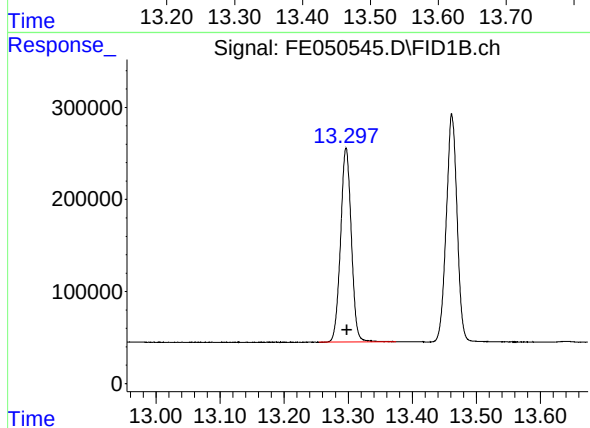
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: 0.000 min
Response: 2963304
Conc: 20.66 ug/ml



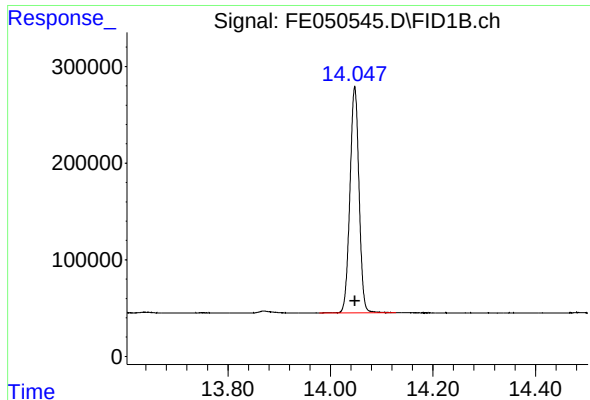
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 2902632
Conc: 20.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: -0.001 min
Response: 2439982
Conc: 20.63 ug/ml



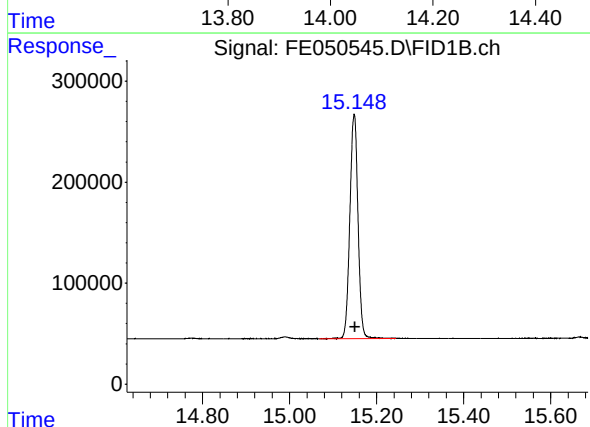
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: 0.000 min
Response: 2882306
Conc: 20.54 ug/ml

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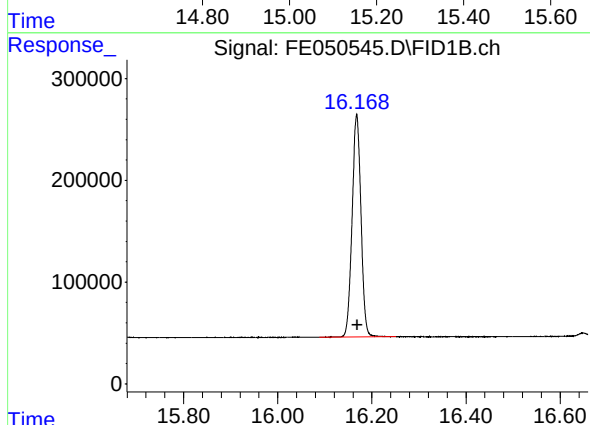
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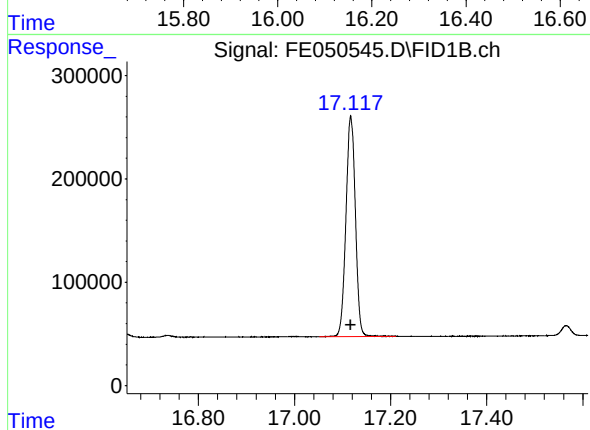
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 2878716
Conc: 20.38 ug/ml



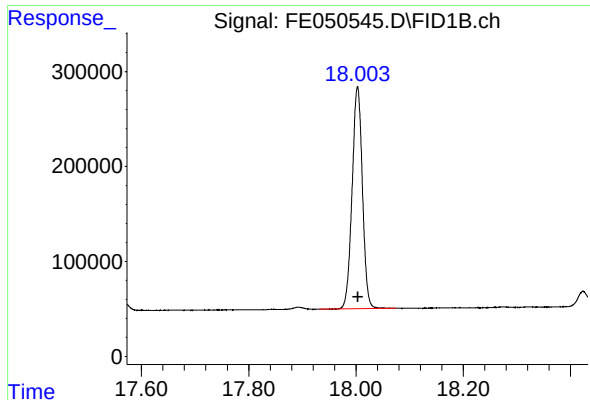
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.002 min
Response: 2861489
Conc: 20.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: 0.000 min
Response: 2915049
Conc: 19.92 ug/ml



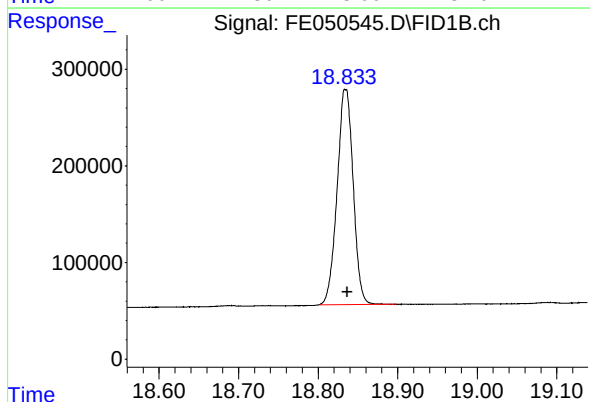
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.001 min
Response: 3120274
Conc: 19.62 ug/ml

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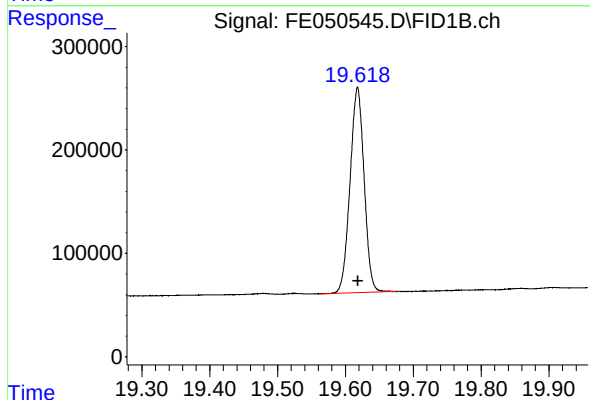
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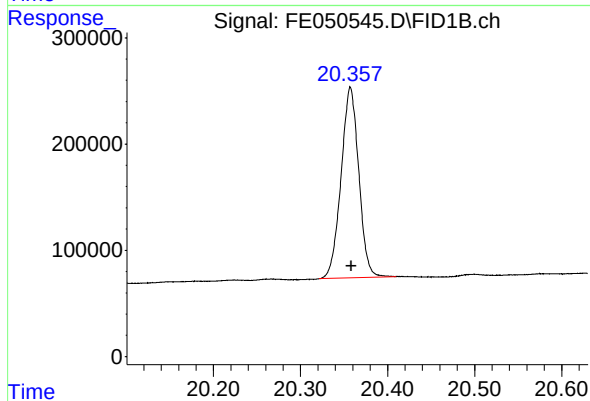
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.002 min
Response: 3126725
Conc: 19.29 ug/ml



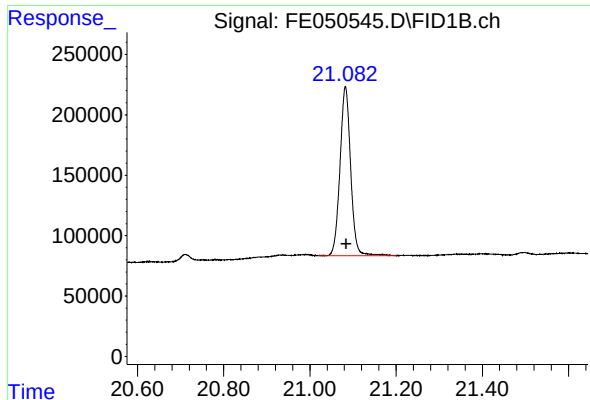
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: 0.000 min
Response: 2856041
Conc: 19.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.001 min
Response: 2536057
Conc: 20.00 ug/ml



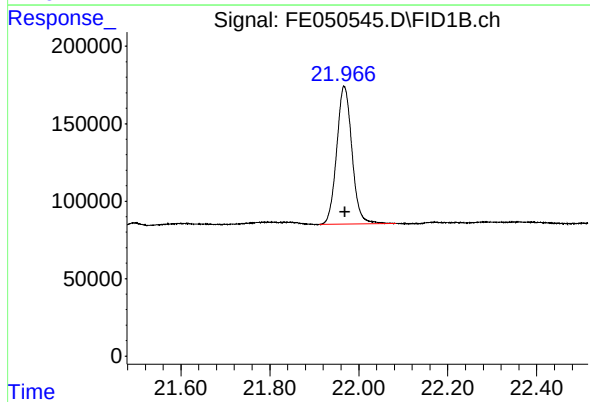
#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.002 min
Response: 2392851
Conc: 19.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.003 min
Response: 2125807
Conc: 19.09 ug/ml m