

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122822AL\
 Data File : FE039521.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2022 15:19
 Operator : YP\AJ
 Sample : PB149941BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149941BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
 Quant Time: Dec 28 17:17:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.927	4184303	28.039 ug/ml
Spiked Amount 50.000		Recovery =	56.08%
12) S 1-chlorooctadecane (S...	13.362	3342392	29.039 ug/ml
Spiked Amount 50.000		Recovery =	58.08%
Target Compounds			
1) T n-Nonane (C9)	3.332	4081167	31.574 ug/ml
2) T n-Decane (C10)	4.577	4557714	35.769 ug/ml
3) T A~Naphthalene (C11.7)	6.275	4188229	28.973 ug/ml
4) T n-Dodecane (C12)	6.737	5306158	40.872 ug/ml
5) T A~2-methylnaphthalene...	7.369	4214782	31.121 ug/ml
6) T n-Tetradecane (C14)	8.563	5520909	41.664 ug/ml
7) T n-Hexadecane (C16)	10.168	5845487	42.490 ug/ml
8) T n-Octadecane (C18)	11.612	6092720	43.500 ug/ml
10) T n-Eicosane (C20)	12.920	5954576	43.621 ug/ml
11) T n-Heneicosane (C21)	13.529	5902240	43.274 ug/mlm
13) T n-Docosane (C22)	14.117	5920631	43.767 ug/ml
14) T n-Tetracosane (C24)	15.220	5821182	43.364 ug/ml
15) T n-Hexacosane (C26)	16.241	5770236	44.315 ug/ml
16) T n-Octacosane (C28)	17.190	5678970	44.125 ug/ml
17) T n-Tricontane (C30)	18.079	5492684	42.662 ug/mlm
18) T n-Dotriacontane (C32)	18.908	5402611	41.719 ug/ml
19) T n-Tetratriacontane (C34)	19.693	4939862	39.155 ug/ml
20) T n-Hexatriacontane (C36)	20.433	4132822	34.179 ug/ml
21) T n-Octatriacontane (C38)	21.168	3749313	30.359 ug/ml
22) T n-Tetracontane (C40)	22.076	3392321	27.012 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149941BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

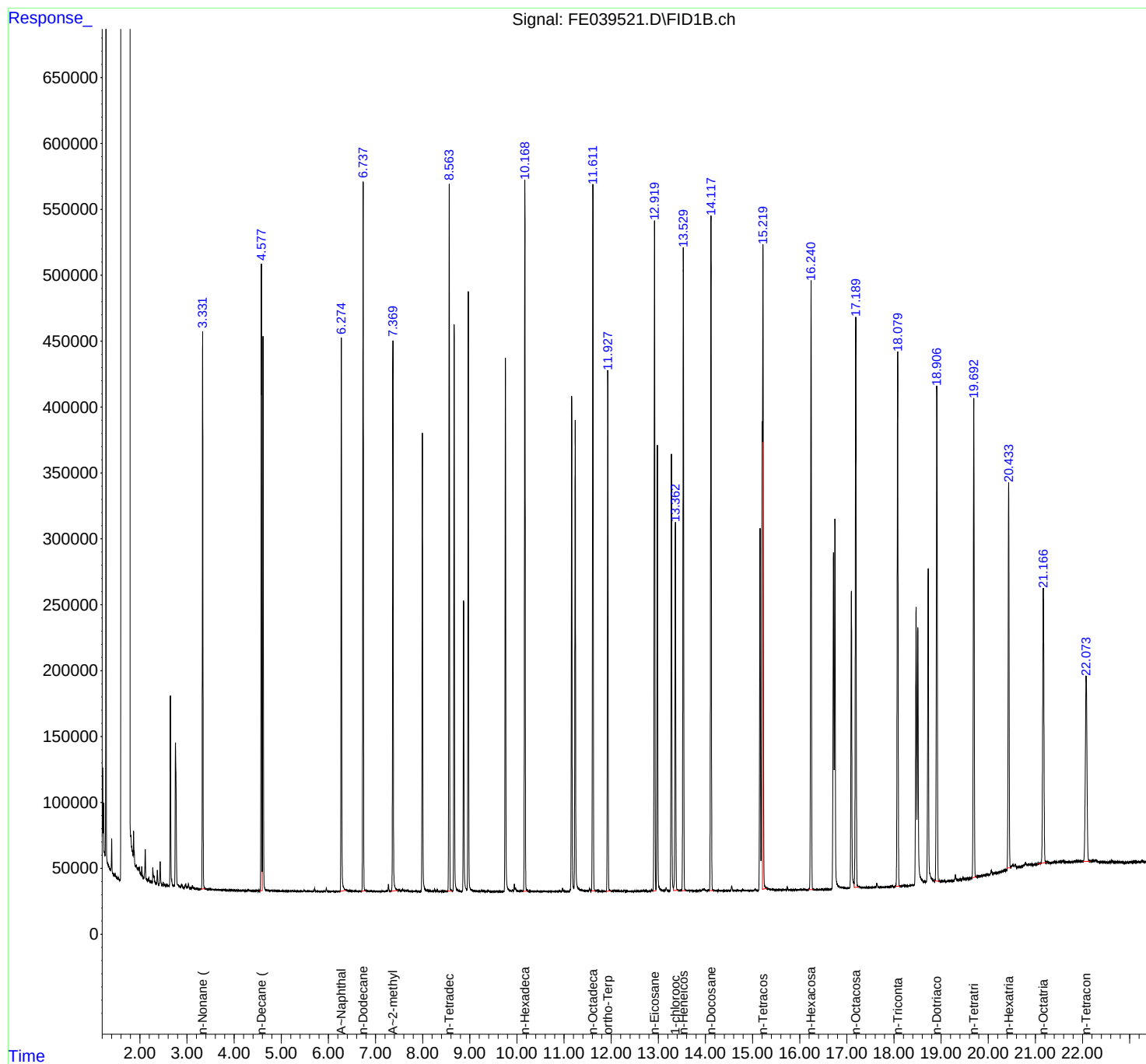
Instrument :
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PB149941BSD

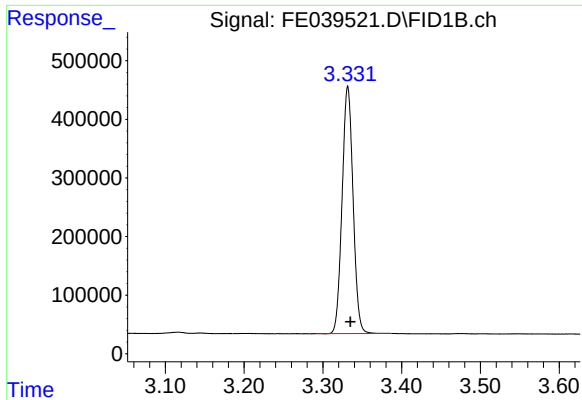
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 4081167
Conc: 31.57 ug/ml

Instrument :

FID_E

ClientSampleId :

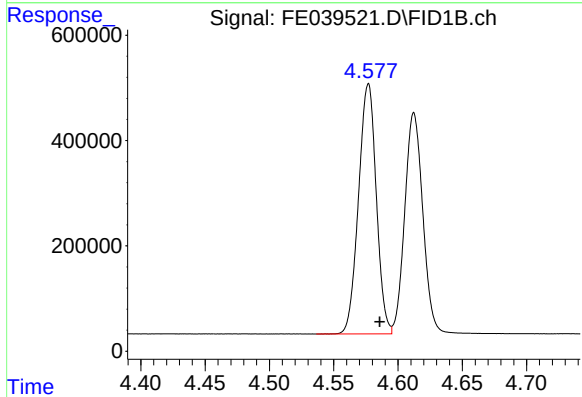
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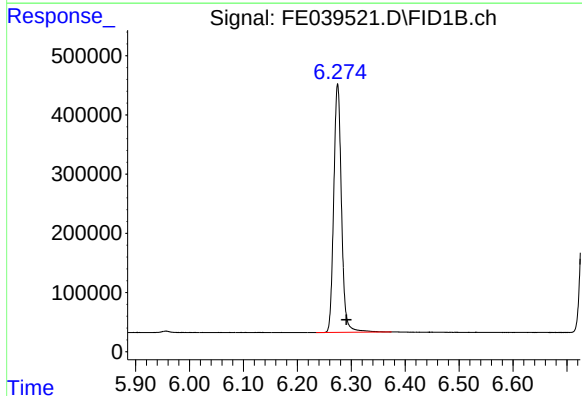
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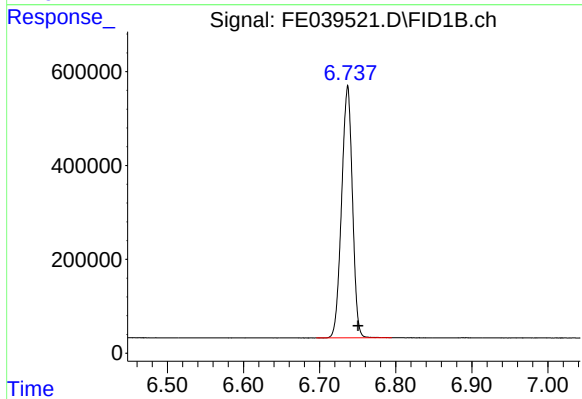
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.009 min
Response: 4557714
Conc: 35.77 ug/ml



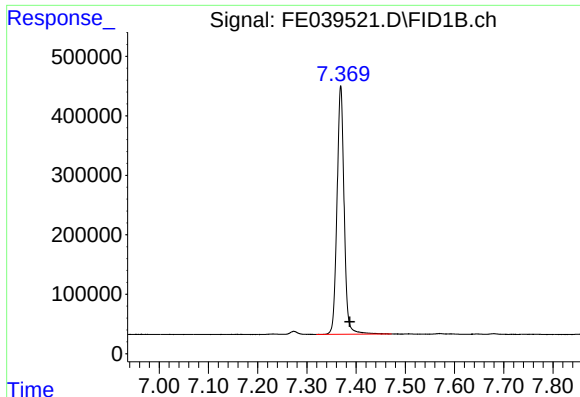
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.016 min
Response: 4188229
Conc: 28.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.014 min
Response: 5306158
Conc: 40.87 ug/ml



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

R.T.: 7.369 min
Delta R.T.: -0.018 min
Response: 4214782
Conc: 31.12 ug/ml

Instrument :

FID_E

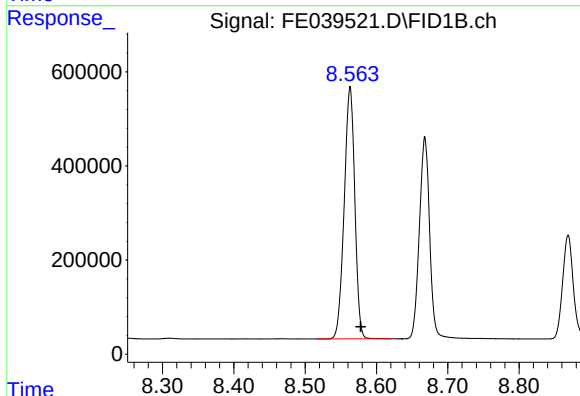
ClientSampleId :

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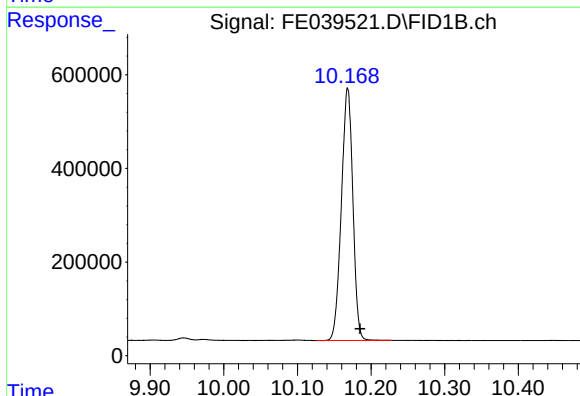
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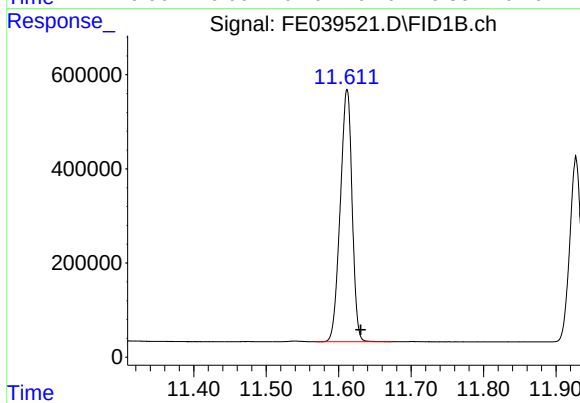
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.015 min
Response: 5520909
Conc: 41.66 ug/ml



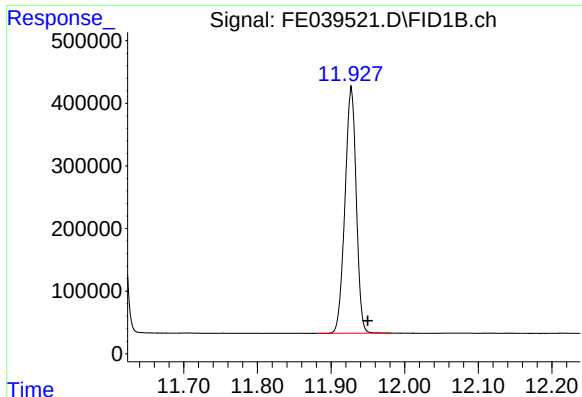
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.017 min
Response: 5845487
Conc: 42.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: -0.019 min
Response: 6092720
Conc: 43.50 ug/ml



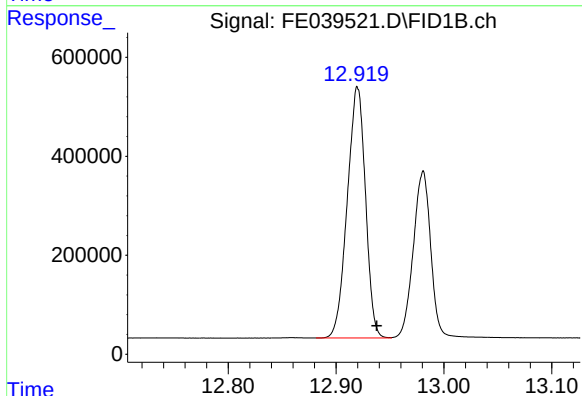
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.022 min
Response: 4184303
Conc: 28.04 ug/ml

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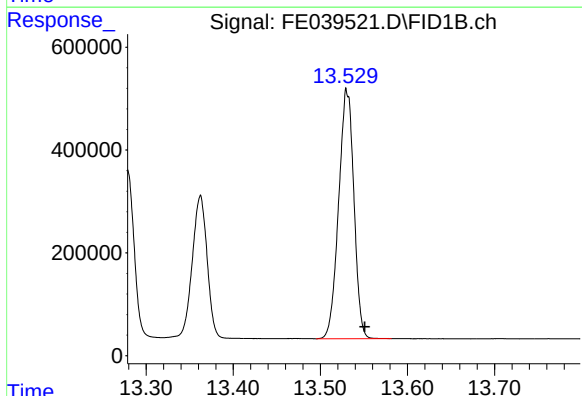
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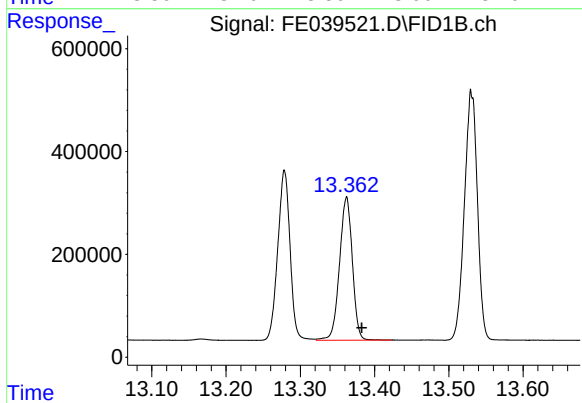
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.018 min
Response: 5954576
Conc: 43.62 ug/ml



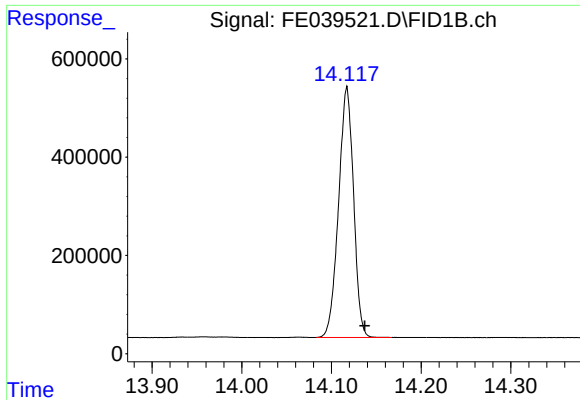
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.022 min
Response: 5902240
Conc: 43.27 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.021 min
Response: 3342392
Conc: 29.04 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.020 min
Response: 5920631
Conc: 43.77 ug/ml

Instrument :

FID_E

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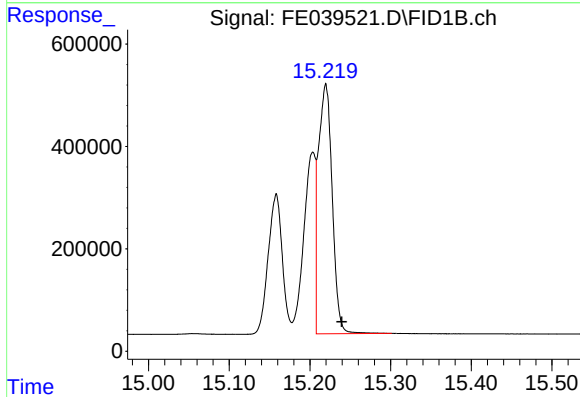
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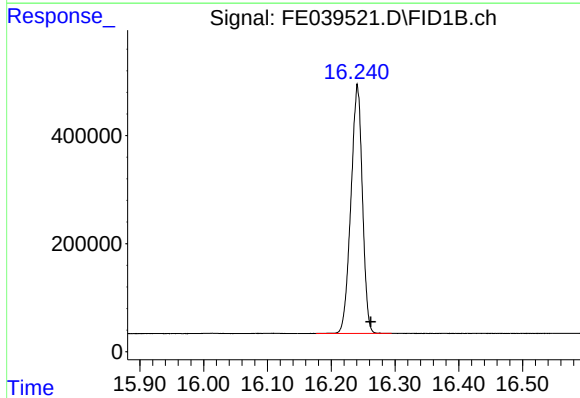
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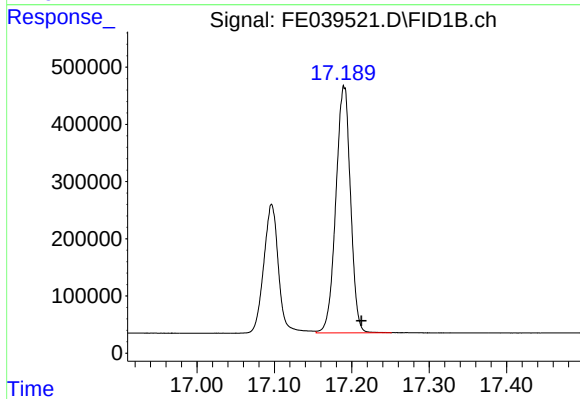
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.020 min
Response: 5821182
Conc: 43.36 ug/ml



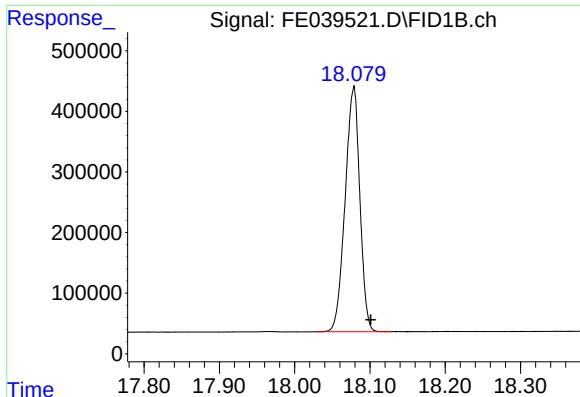
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.021 min
Response: 5770236
Conc: 44.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.022 min
Response: 5678970
Conc: 44.12 ug/ml



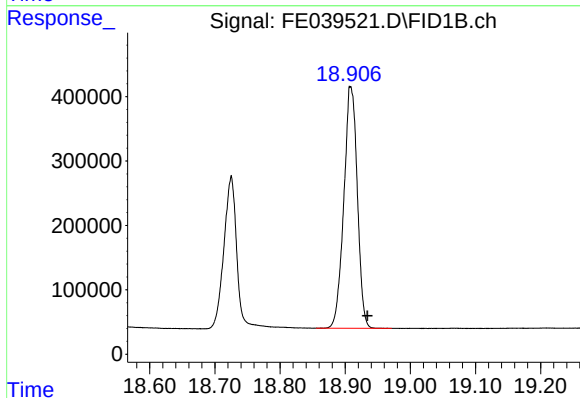
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.022 min
Response: 5492684
Conc: 42.66 ug/ml

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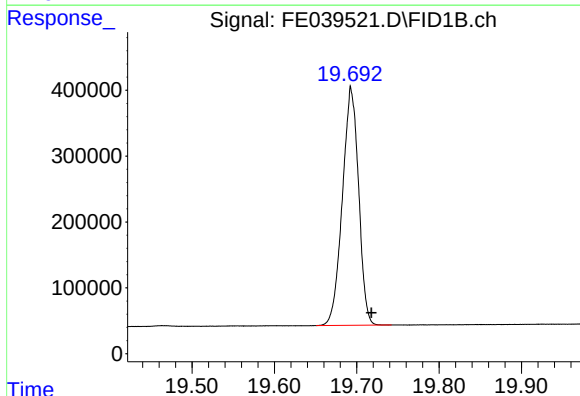
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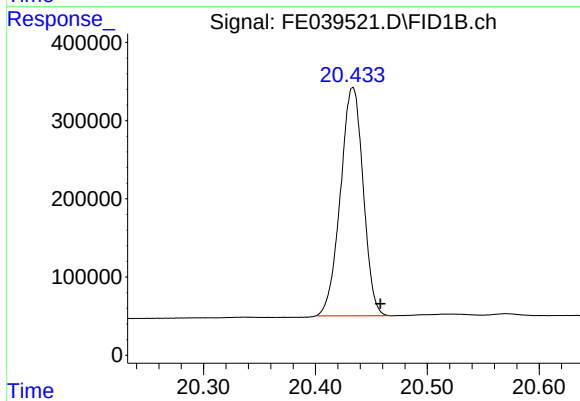
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: -0.026 min
Response: 5402611
Conc: 41.72 ug/ml



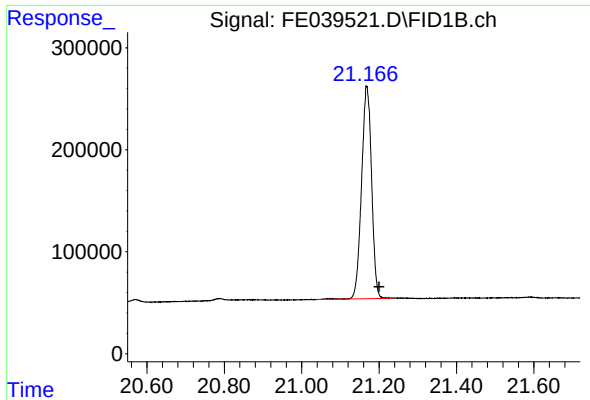
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: -0.025 min
Response: 4939862
Conc: 39.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.025 min
Response: 4132822
Conc: 34.18 ug/ml



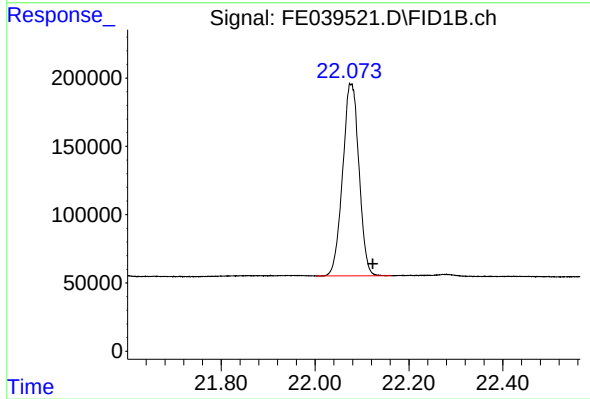
#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.032 min
Response: 3749313
Conc: 30.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.047 min
Response: 3392321
Conc: 27.01 ug/ml