

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045861.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 15:02
 Operator : YP\AJ
 Sample : PB157811BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB157811BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e
 Quant Time: Dec 15 22:36:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.841	8700674	41.607 ug/ml
Spiked Amount 50.000		Recovery =	83.21%
12) S 1-chlorooctadecane (S...	13.283	6701018	42.588 ug/ml
Spiked Amount 50.000		Recovery =	85.18%
Target Compounds			
1) T n-Nonane (C9)	3.241	6371965	40.182 ug/ml
2) T n-Decane (C10)	4.487	6819895	42.589 ug/ml
3) T A~Naphthalene (C11.7)	6.181	8140124	46.730 ug/ml
4) T n-Dodecane (C12)	6.649	7573576	46.887 ug/ml
5) T A~2-methylnaphthalene...	7.277	8435325	49.673 ug/ml
6) T n-Tetradecane (C14)	8.477	8469727	52.796 ug/ml
7) T n-Hexadecane (C16)	10.084	8718413	52.649 ug/ml
8) T n-Octadecane (C18)	11.529	8776042	51.187 ug/ml
10) T n-Eicosane (C20)	12.840	8710671	50.344 ug/ml
11) T n-Heneicosane (C21)	13.452	8259695	48.013 ug/ml
13) T n-Docosane (C22)	14.039	8166958	47.366 ug/ml
14) T n-Tetracosane (C24)	15.129	16125776	92.369 ug/mlm
15) T n-Hexacosane (C26)	16.168	7789899	44.730 ug/ml
16) T n-Octacosane (C28)	17.117	7720896	44.672 ug/ml
17) T n-Tricontane (C30)	18.009	7650271	43.729 ug/ml
18) T n-Dotriacontane (C32)	18.840	7632970	41.839 ug/ml
19) T n-Tetratriacontane (C34)	19.626	7582665	45.698 ug/ml
20) T n-Hexatriacontane (C36)	20.367	7662898	48.274 ug/ml
21) T n-Octatriacontane (C38)	21.098	7852240	50.072 ug/ml
22) T n-Tetracontane (C40)	21.995	8235333	57.948 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB157811BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

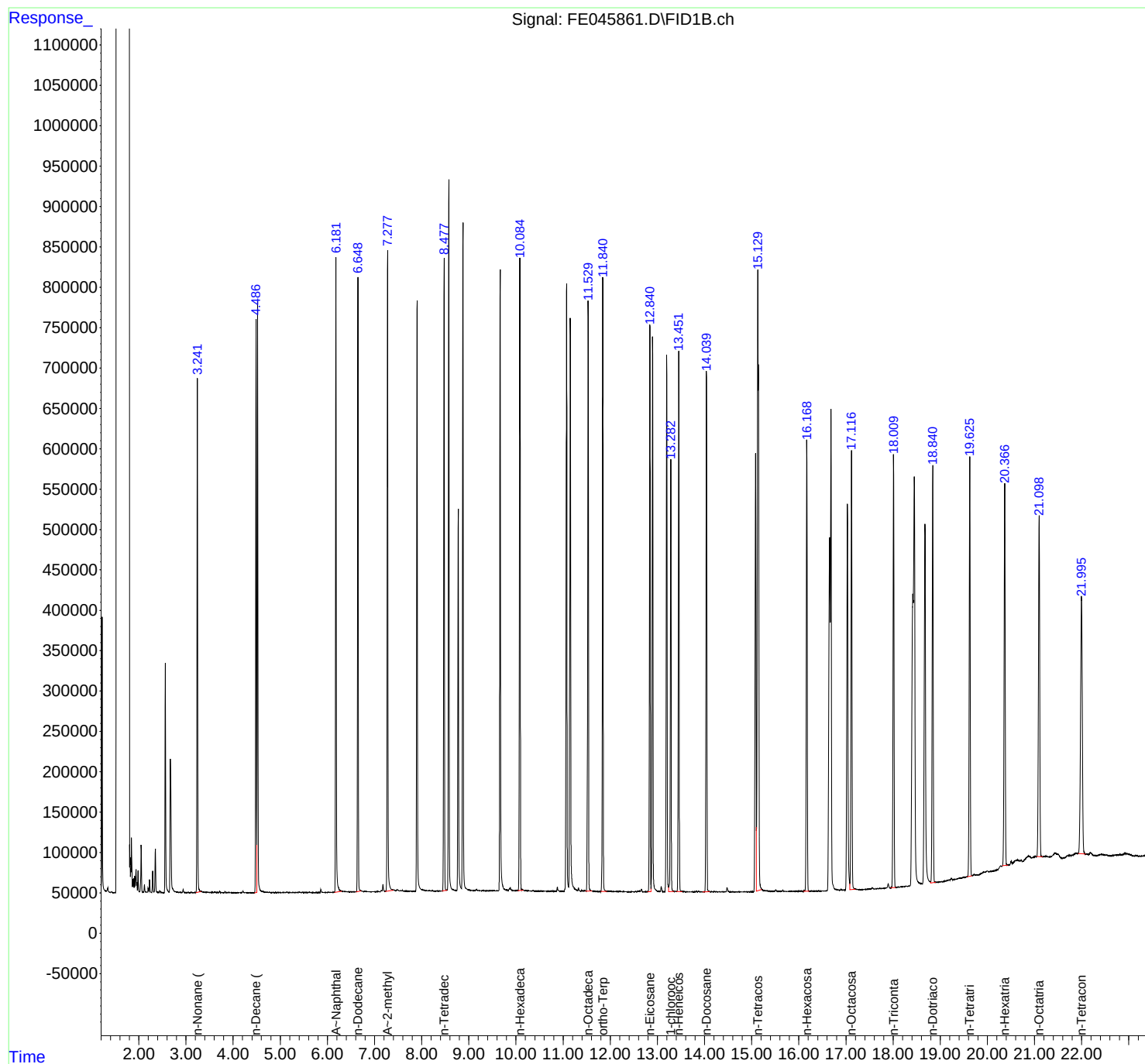
Instrument :
FID_E
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PB157811BSD

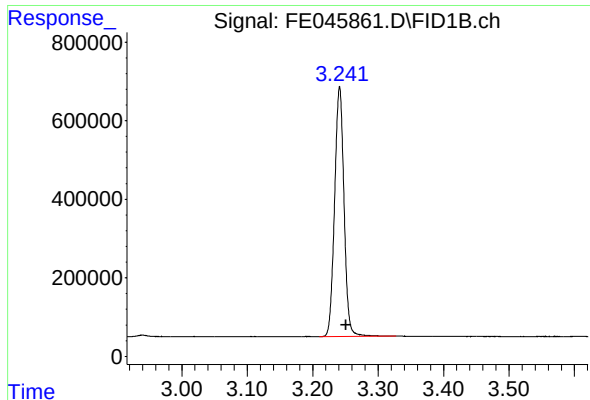
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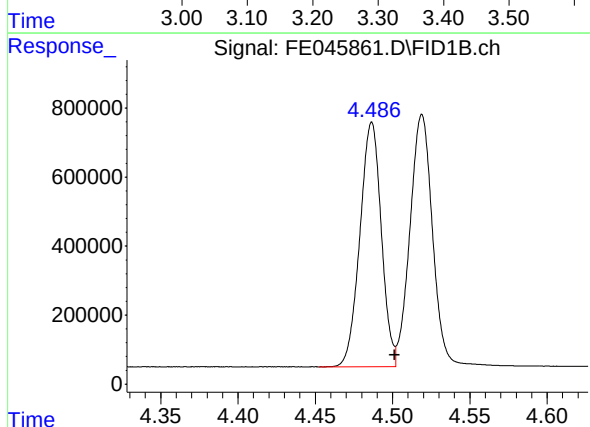
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: -0.010 min
Response: 6371965
Conc: 40.18 ug/ml

Instrument :
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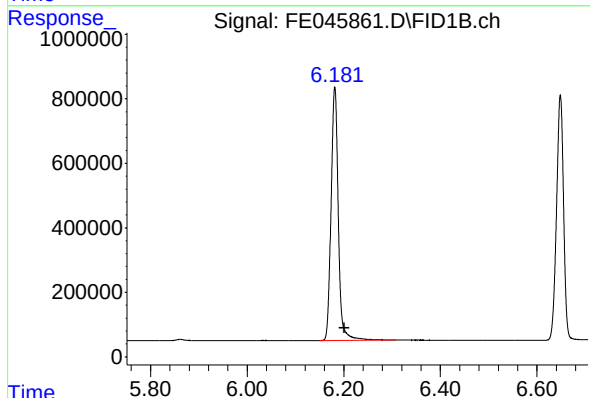
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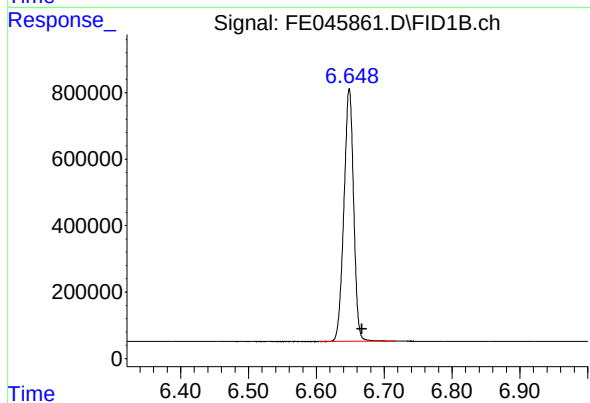
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.015 min
Response: 6819895
Conc: 42.59 ug/ml



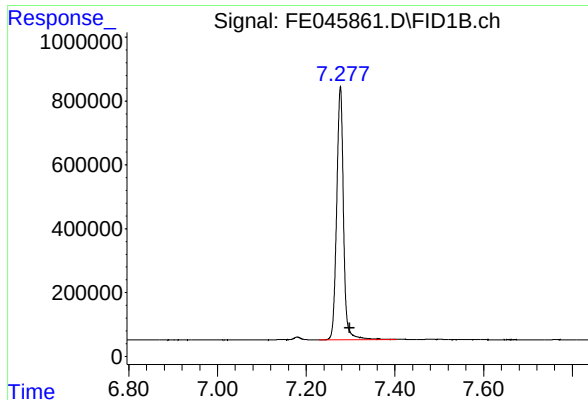
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.020 min
Response: 8140124
Conc: 46.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.019 min
Response: 7573576
Conc: 46.89 ug/ml



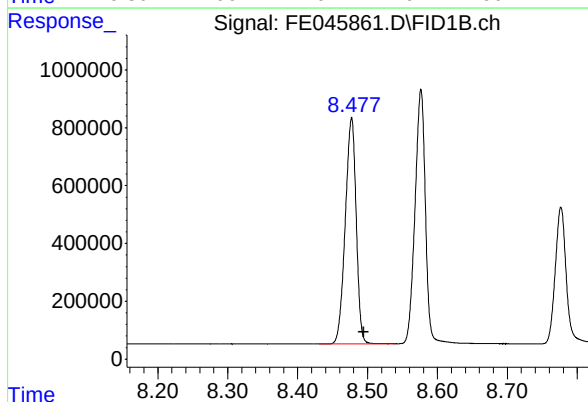
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.020 min
Response: 8435325
Conc: 49.67 ug/ml

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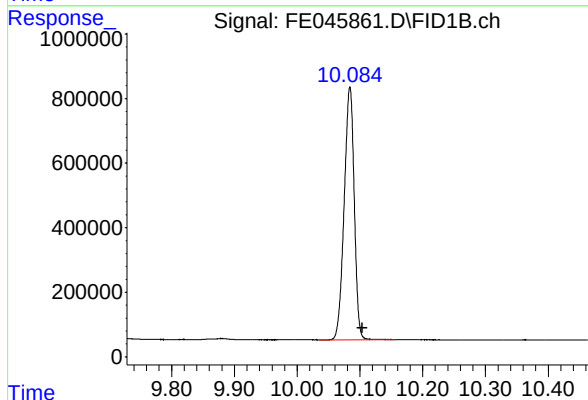
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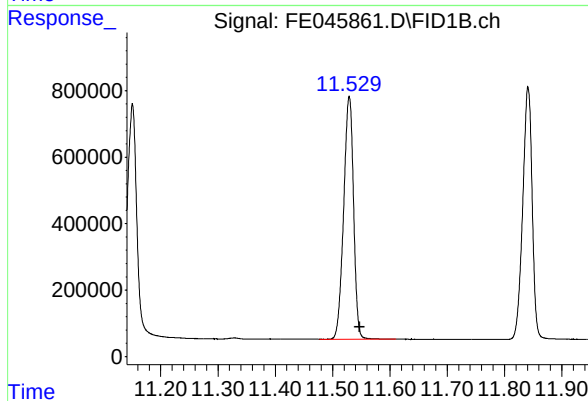
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.017 min
Response: 8469727
Conc: 52.80 ug/ml



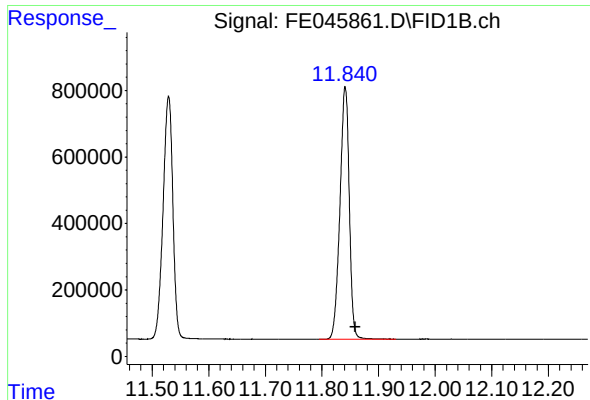
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.020 min
Response: 8718413
Conc: 52.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.018 min
Response: 8776042
Conc: 51.19 ug/ml



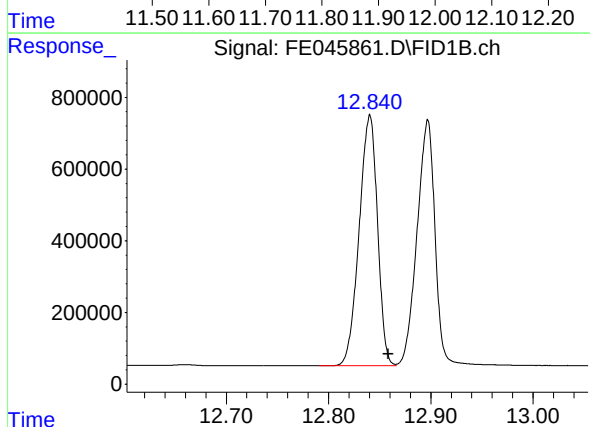
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.018 min
Response: 8700674
Conc: 41.61 ug/ml

Instrument :
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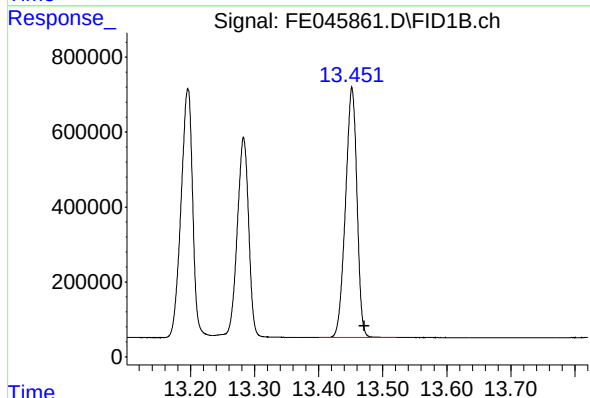
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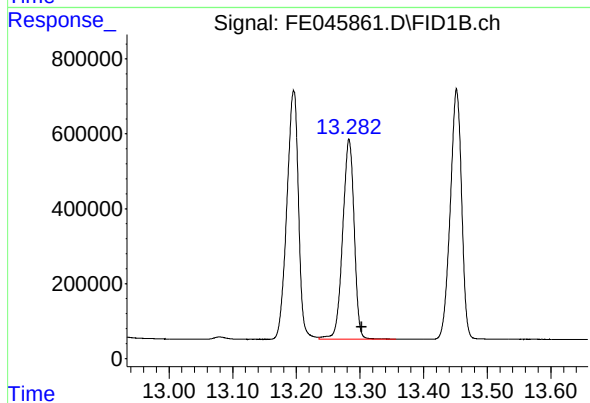
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.018 min
Response: 8710671
Conc: 50.34 ug/ml



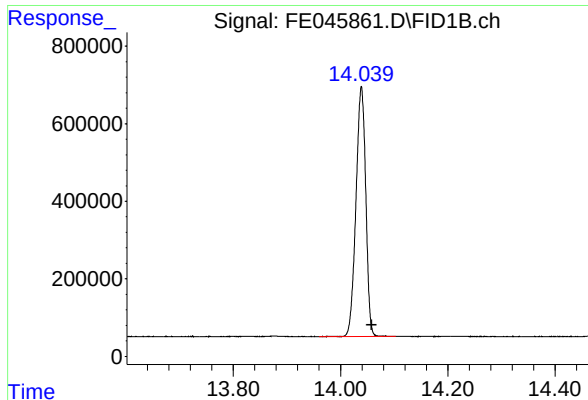
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.019 min
Response: 8259695
Conc: 48.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: -0.020 min
Response: 6701018
Conc: 42.59 ug/ml



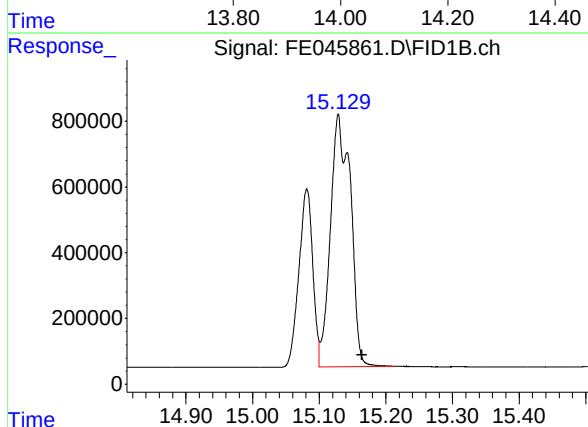
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.019 min
Response: 8166958
Conc: 47.37 ug/ml

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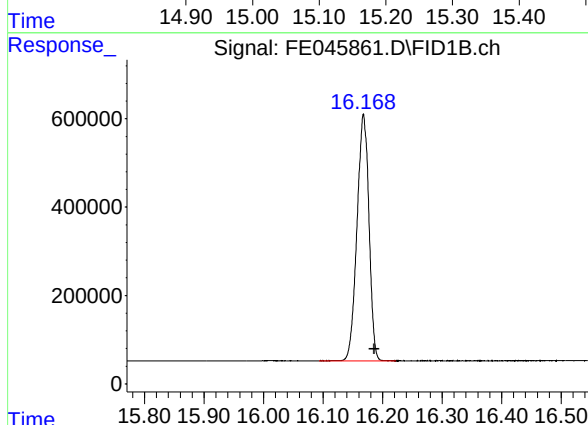
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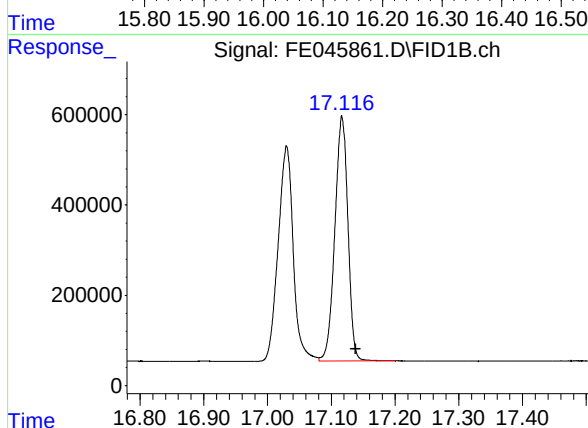
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.036 min
Response: 16125776
Conc: 92.37 ug/ml m



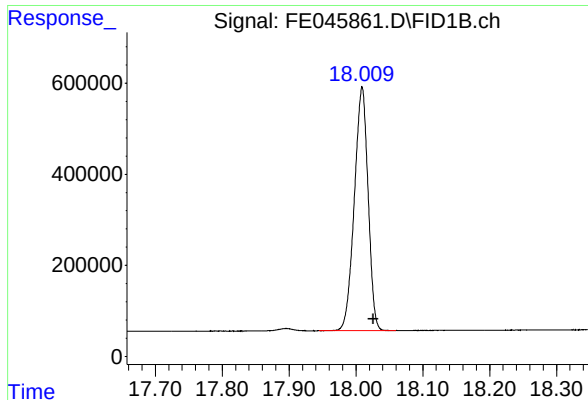
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.018 min
Response: 7789899
Conc: 44.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.021 min
Response: 7720896
Conc: 44.67 ug/ml



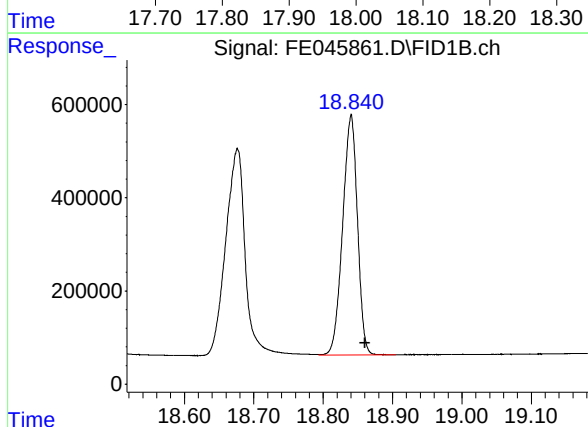
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.017 min
Response: 7650271
Conc: 43.73 ug/ml

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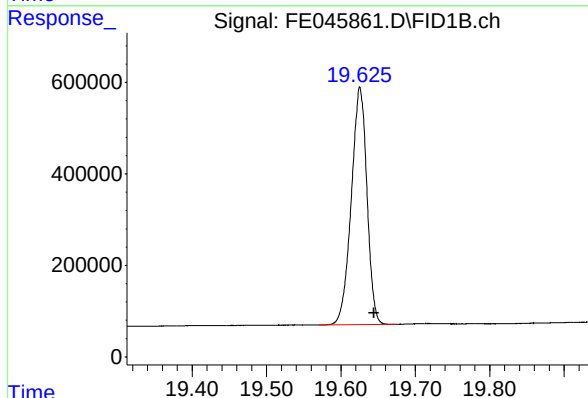
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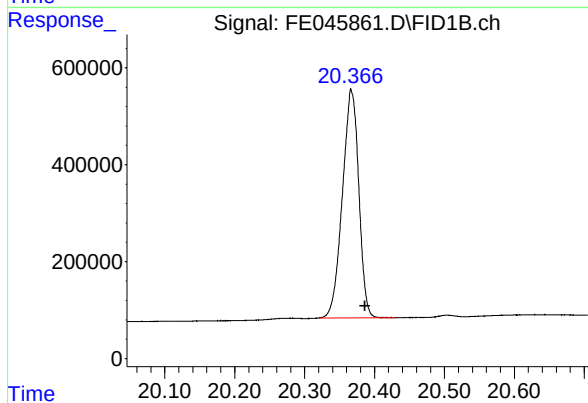
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.020 min
Response: 7632970
Conc: 41.84 ug/ml



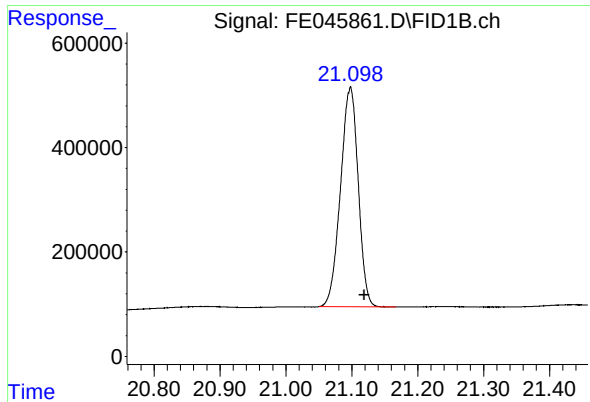
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.019 min
Response: 7582665
Conc: 45.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.367 min
Delta R.T.: -0.019 min
Response: 7662898
Conc: 48.27 ug/ml



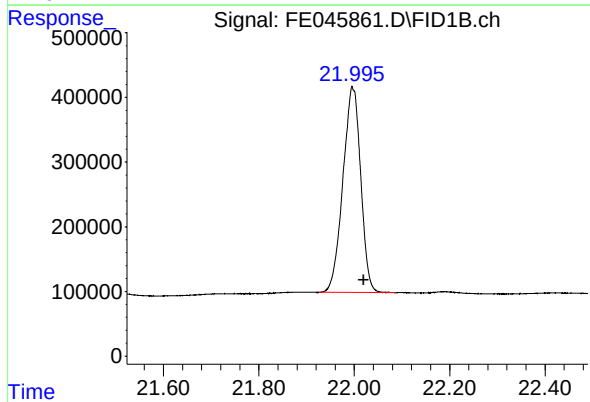
#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.021 min
Response: 7852240
Conc: 50.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: -0.024 min
Response: 8235333
Conc: 57.95 ug/ml m