

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101524AL\
 Data File : FE050685.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 23:31
 Operator : YP\AJ
 Sample : P4368-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:50:10 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			
12) S 1-chlorooctadecane (S...	13.293	4887824	41.320 ug/ml
Spiked Amount 50.000		Recovery =	82.64%
Target Compounds			
1) T n-Nonane (C9)	3.249	211475	1.497 ug/ml
2) T n-Decane (C10)	4.498	254066	1.771 ug/mlm
4) T n-Dodecane (C12)	6.664	310140	2.155 ug/ml
6) T n-Tetradecane (C14)	8.491	320581	2.241 ug/ml
7) T n-Hexadecane (C16)	10.096	308961	2.099 ug/ml
8) T n-Octadecane (C18)	11.537	336012	2.250 ug/ml
10) T n-Eicosane (C20)	12.844	347909	2.426 ug/ml
11) T n-Heneicosane (C21)	13.455	318095	2.265 ug/ml
13) T n-Docosane (C22)	14.040	332140	2.367 ug/ml
14) T n-Tetracosane (C24)	15.142	323641	2.291 ug/ml
15) T n-Hexacosane (C26)	16.160	326865	2.323 ug/mlm
16) T n-Octacosane (C28)	17.109	350766	2.397 ug/ml
17) T n-Tricontane (C30)	17.994	413488	2.601 ug/mlm
18) T n-Dotriacontane (C32)	18.827	456945	2.819 ug/ml
19) T n-Tetratriacontane (C34)	19.610	427839	2.913 ug/ml
20) T n-Hexatriacontane (C36)	20.348	403442	3.181 ug/mlm
21) T n-Octatriacontane (C38)	21.073	357276	2.889 ug/ml
22) T n-Tetracontane (C40)	21.954	274076	2.461 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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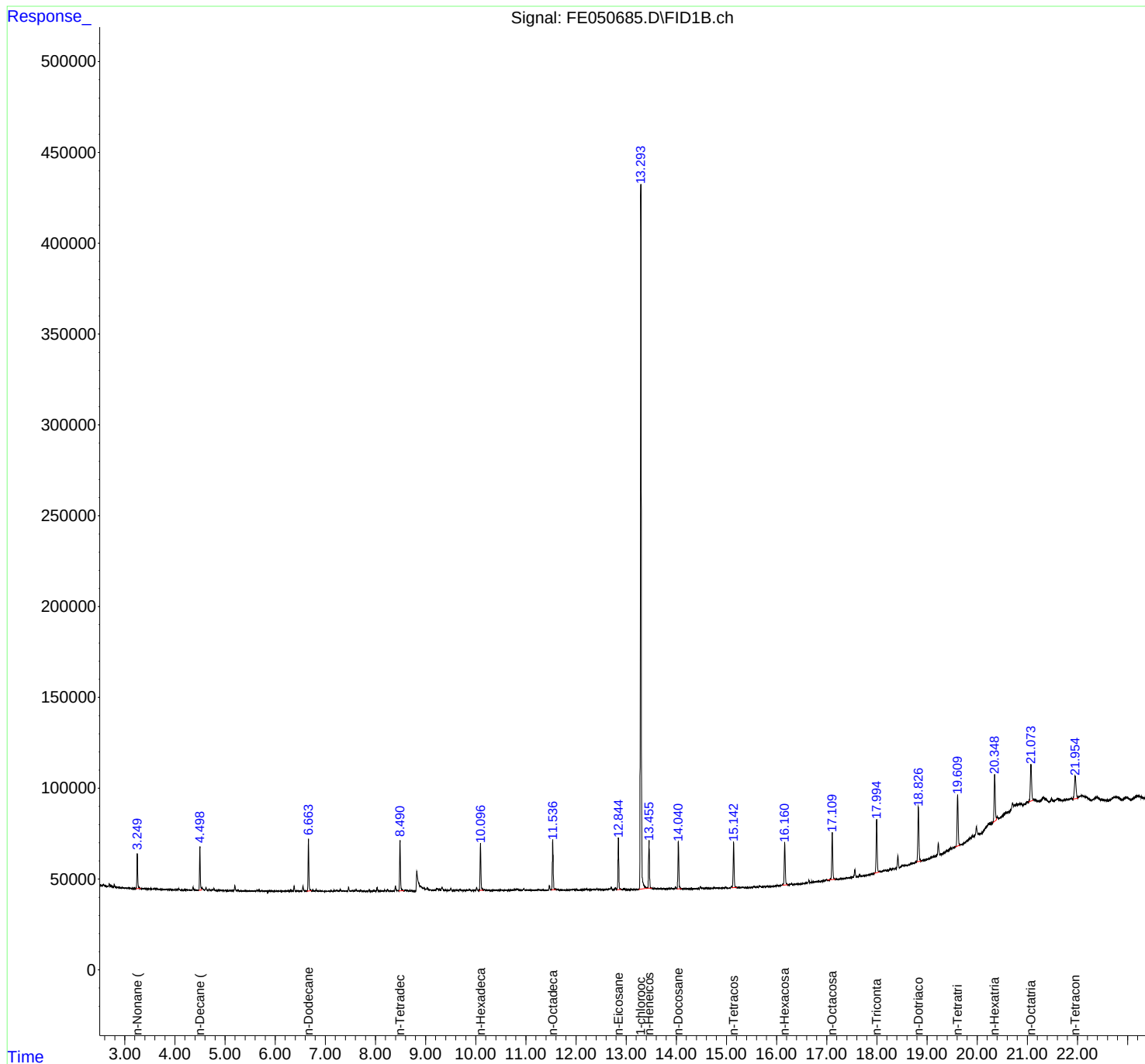
Instrument :
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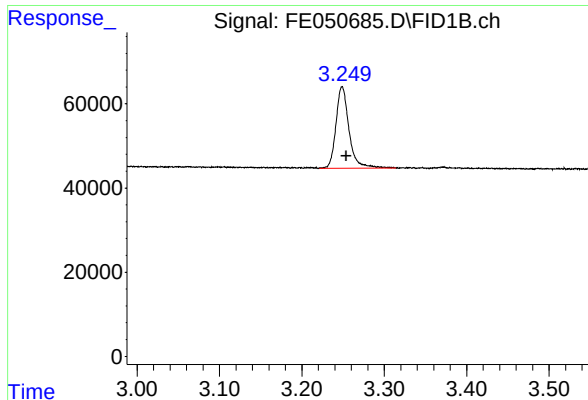
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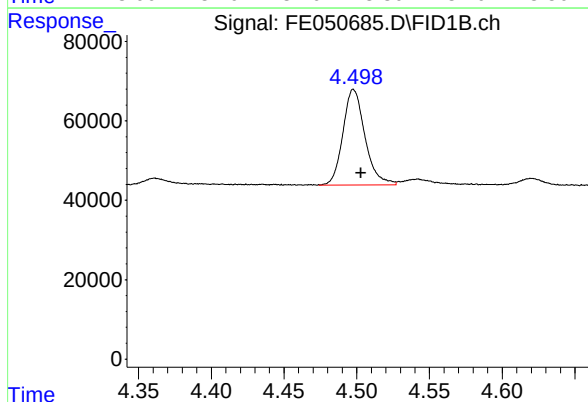
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.005 min
Response: 211475
Conc: 1.50 ug/ml

Instrument :
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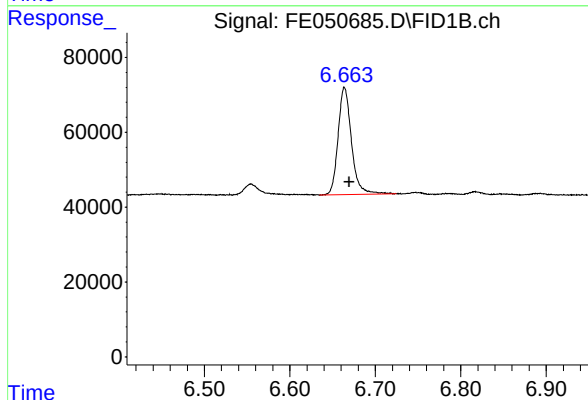
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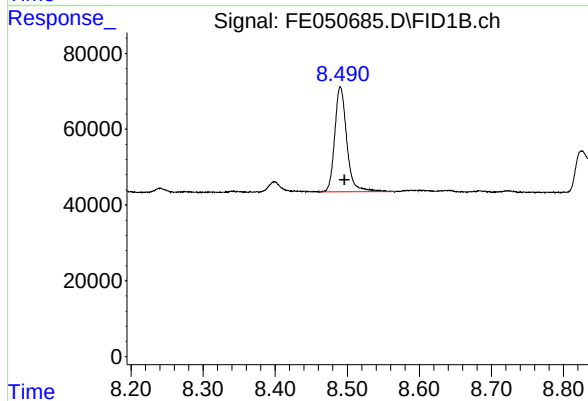
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 254066
Conc: 1.77 ug/ml m



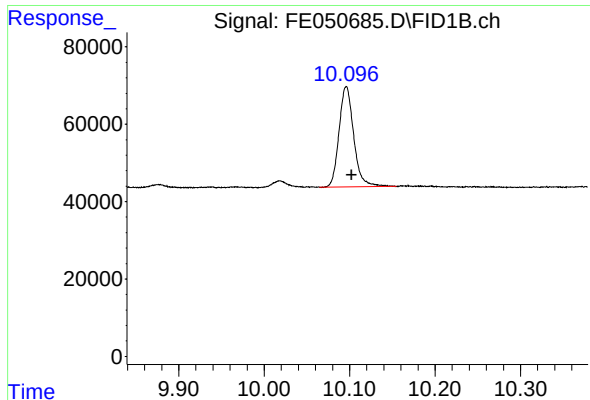
#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.006 min
Response: 310140
Conc: 2.15 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.006 min
Response: 320581
Conc: 2.24 ug/ml



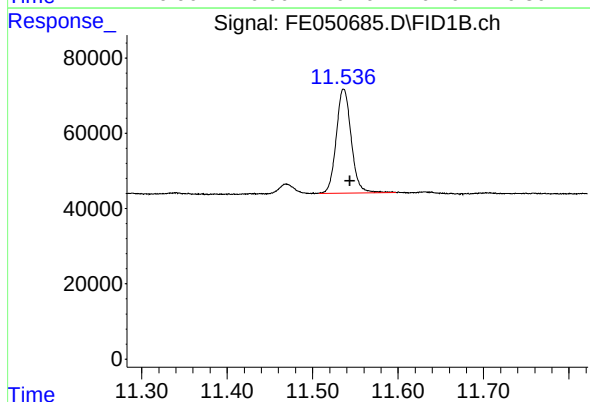
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: -0.006 min
Response: 308961
Conc: 2.10 ug/ml

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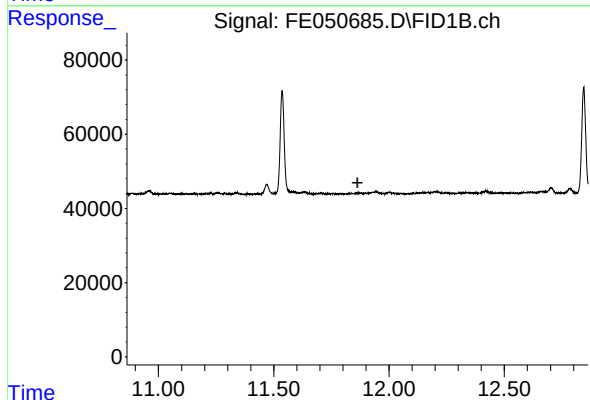
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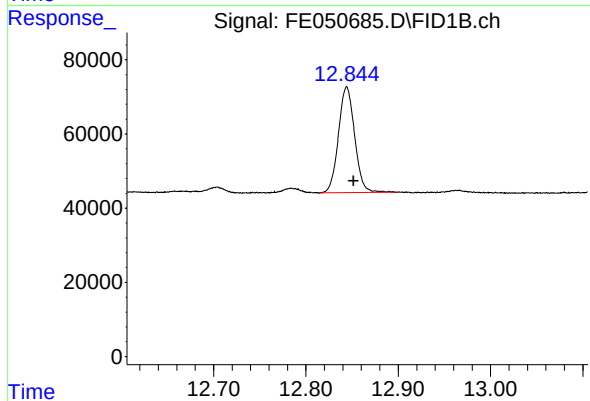
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 336012
Conc: 2.25 ug/ml



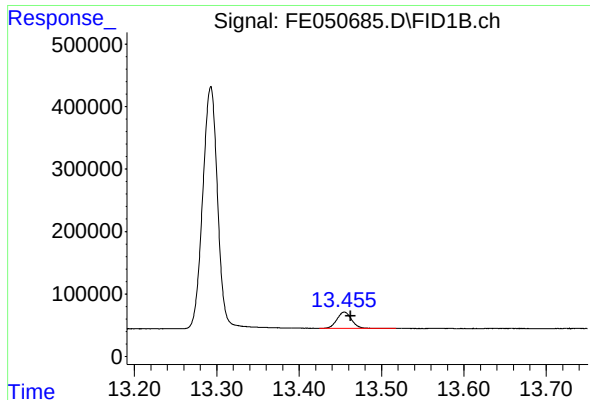
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.863 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.007 min
Response: 347909
Conc: 2.43 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.008 min
Response: 318095
Conc: 2.27 ug/ml

Instrument :

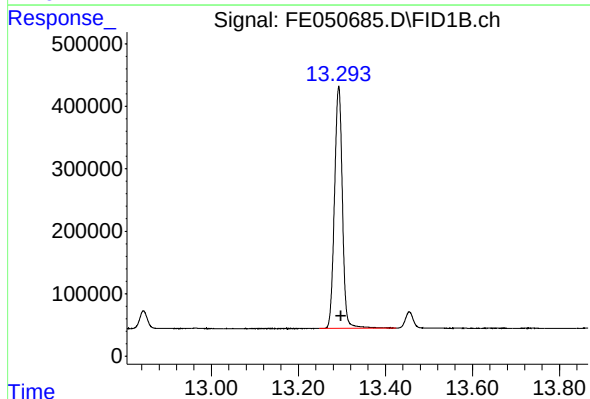
FID_E

ClientSampleId :

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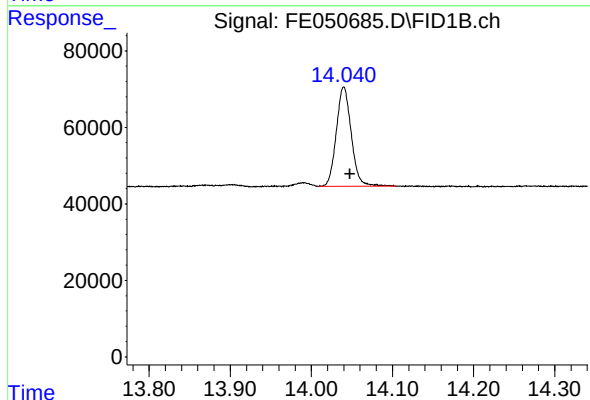
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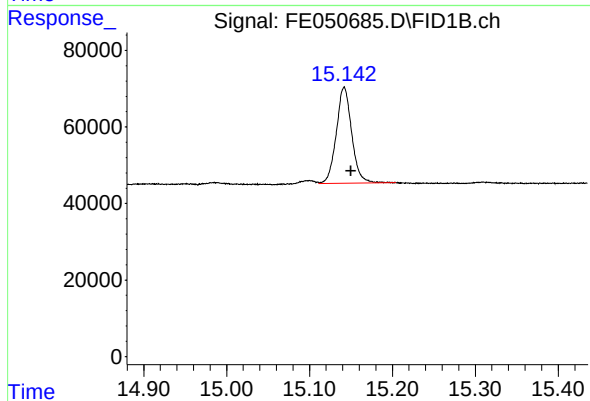
#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.005 min
Response: 4887824
Conc: 41.32 ug/ml



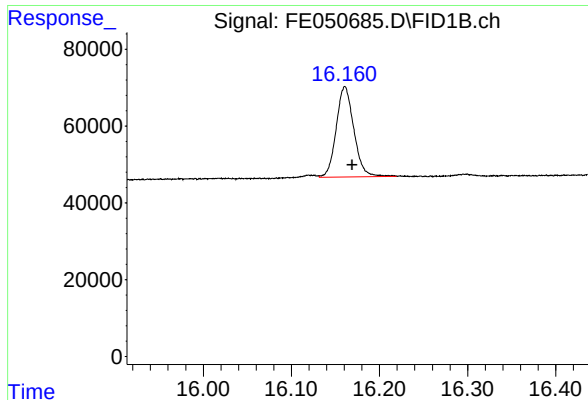
#13 n-Docosane (C22)

R.T.: 14.040 min
Delta R.T.: -0.008 min
Response: 332140
Conc: 2.37 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.008 min
Response: 323641
Conc: 2.29 ug/ml



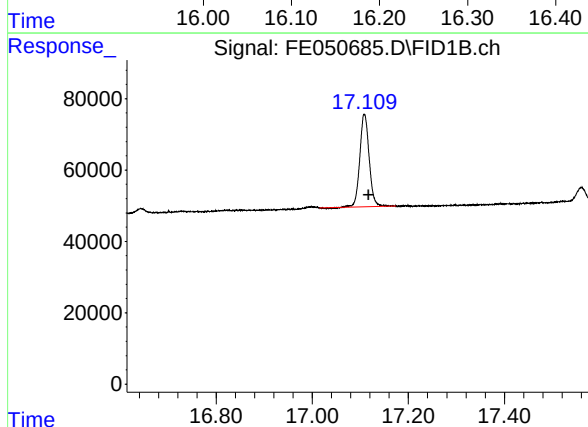
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.009 min
Response: 326865
Conc: 2.32 ug/ml

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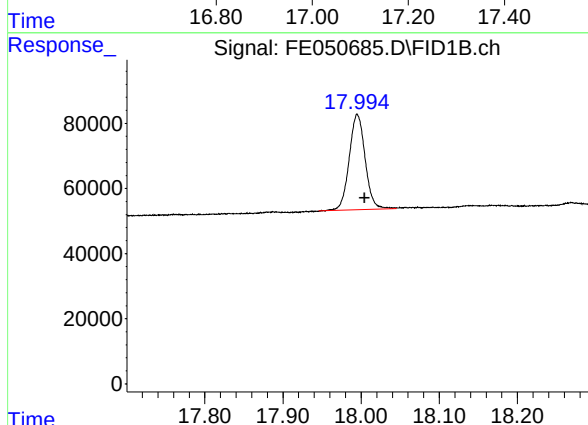
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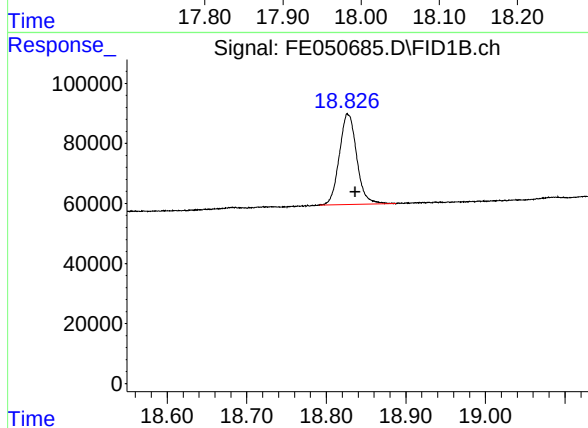
#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.009 min
Response: 350766
Conc: 2.40 ug/ml



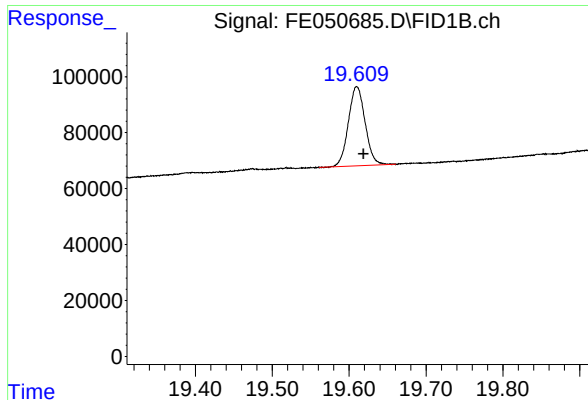
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.010 min
Response: 413488
Conc: 2.60 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.009 min
Response: 456945
Conc: 2.82 ug/ml



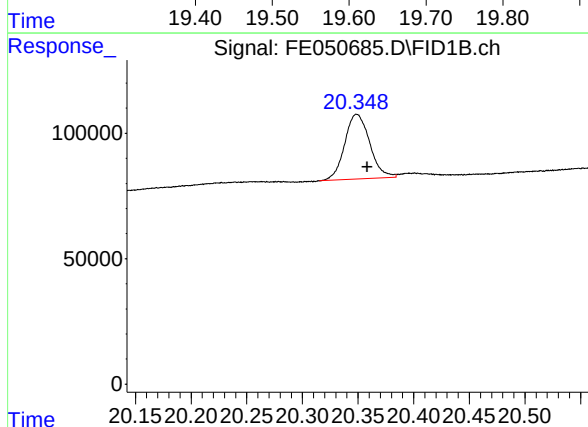
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.009 min
Response: 427839
Conc: 2.91 ug/ml

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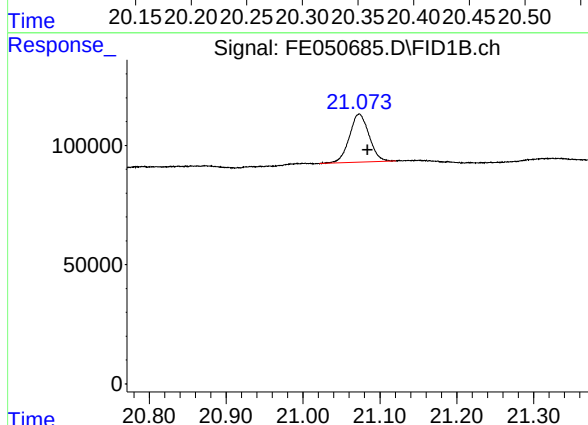
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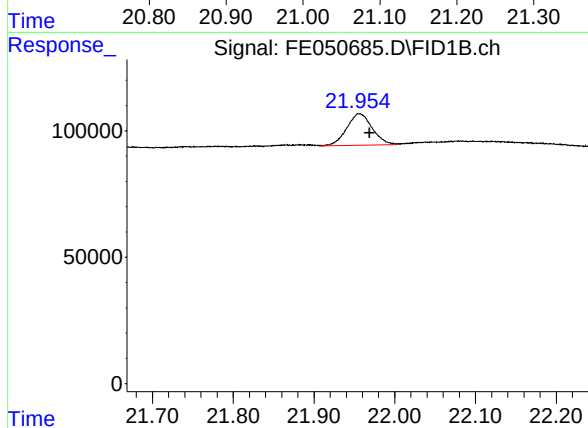
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.010 min
Response: 403442
Conc: 3.18 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.011 min
Response: 357276
Conc: 2.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: -0.015 min
Response: 274076
Conc: 2.46 ug/ml m